

From: Akin, Jon [<mailto:Jon.Akin@arcadis.com>]

Sent: Monday, January 13, 2020 7:00 AM

To: MYER, CHRIS <CMYER@idem.IN.gov>

Cc: Bob Witsell (robert.witsell@ge.com) <robert.witsell@ge.com>; Petzold, Daniel <Daniel.Petzold@arcadis.com>

Subject: GE Tell City Soil and Groundwater Update Report

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Good morning Chris.

Please find the attached Soil and Groundwater Investigation Update Report summarizing activities completed following submittal of the Current Conditions Report.

Due to file size, I will send a separate email without attachment to confirm that you received this file. If needed, we can try to convert the file to a reduced size PDF.

Please also let me know if you would like any hardcopies of the report.

Thank you,

Jon

Jon Akin PE | Principal Engineer / Project Manager | jon.akin@arcadis.com

Arcadis | Arcadis U.S., Inc.

150 West Market Street Suite 728 Indianapolis IN | 46204 | USA

T. +1 317 236 2819 | M. +1 317 903 5905

Professional Engineer / PE-IN

Connect with us! www.arcadis.com | [LinkedIn](#) | [Twitter](#) | [Facebook](#) | [Connect App](#)



General Electric Company

MARCH - NOVEMBER 2019 SOIL AND GROUNDWATER INVESTIGATION UPDATE REPORT

GE Tell City Facility
1412 13th Street
Tell City, Indiana

January 10, 2020

A large, solid orange geometric shape, resembling a stylized triangle or a section of a larger triangle, is positioned in the bottom right corner of the page. It is composed of two overlapping triangles, creating a complex, angular form that extends from the bottom edge towards the top right corner.

**MARCH - NOVEMBER 2019
SOIL AND GROUNDWATER
INVESTIGATION UPDATE
REPORT**

GE Tell City Facility

1412 13th Street

Tell City, Indiana



Daniel Petzold, LPG
Senior Geologist

Prepared for:

General Electric

1935 Redmond Circle

Rome, Georgia 30165



Jon Akin, P.E.
Principal Engineer

Prepared by:

Arcadis U.S., Inc.

150 W. Market Street

Suite 728

Indianapolis

Indiana 46204

Tel 317 231 6500

Fax 317 231 6514

Our Ref.:

30006309

Date:

January 10, 2020

This document is intended only for the use of the individual or entity for which it was prepared and may contain information that is privileged, confidential and exempt from disclosure under applicable law. Any dissemination, distribution or copying of this document is strictly prohibited.

CONTENTS

1	Introduction	1
1.1	Site	1
1.2	Geology	2
1.3	Constituents of Concern	2
2	Monitoring well Sampling.....	3
2.1	Methodology	3
2.2	Groundwater Flow	3
2.3	Groundwater Analytical Results	4
2.4	City Well Sampling	5
3	Source Area Investigation	6
3.1	Methodology	6
3.2	Analytical Results	6
	AOC-1	6
	AOC-2	7
	AOC-3	7
	AOC-4	7
3.3	Investigation of Geologic Transition Zone	8
4	Summary	10

FIGURES

Figure 1	Site Location Map
Figure 2	Area Map
Figure 3	Site Map
Figure 4	Monitoring Well Network
Figure 5	AOC-1 Potentiometric Map September 2019
Figure 6	Potentiometric Map of Discontinuous Sand lenses in Deeper Clay
Figure 7	Potentiometric Map of the Ohio River Outwash Aquifer Subsystem and Top of the Ohio River Outwash Aquifer System Quarter 1 2019

MARCH – NOVEMBER 2019 SOIL AND GROUNDWATER INVESTIGATION UPDATE REPORT

Figure 8	Potentiometric Map of the Ohio River Outwash Aquifer Subsystem and Top of the Ohio River Outwash Aquifer System Quarter 2 2019
Figure 9	Potentiometric Map of the Ohio River Outwash Aquifer Subsystem and Top of the Ohio River Outwash Aquifer System Quarter 3 2019
Figure 10	2019 Groundwater Monitoring Well Sampling results
Figure 11	AOC-1 Soil Data
Figure 12	AOC-2 Soil Data
Figure 13	AOC-3 Soil Data
Figure 14	AOC-4 Soil Data
Figure 15	Other Building Borings
Figure 16	Cross Section Lines
Figure 17	Cross Section A-A'
Figure 18	Cross Section B-B'
Figure 19	Cross Section C-C'
Figure 20	Cross Section D-D'
Figure 21	Cross Section E-E'

TABLES

Table 1	Well Gauging Data
Table 2	Results of the Analysis of Groundwater Samples from Monitoring Wells
Table 3	City Well Analytical Results
Table 4	Results of the Analysis of VOCs in Soil

APPENDICES

Appendix A	Boring Logs
Appendix B	Laboratory Reports

1 INTRODUCTION

This Soil and Groundwater Investigation Update Report has been prepared by Arcadis-US Inc. (Arcadis) on behalf of General Electric Company (GE) as an update to the on-going investigations of the General Electric Company (GE) closed Tell City manufacturing facility located at 1412 13th Street in Tell City, Perry County, Indiana (the “Site”; **Figure 1**).

A Current Conditions Report (CCR) was submitted to the Indiana Department of Environmental Management (IDEM) on May 3, 2019. The report detailed previous activities conducted at and around the Site through March 1, 2019, including onsite subsurface soil investigations for characterization of source areas, off-site groundwater investigations for the delineation of groundwater impacts, the installation of off-site groundwater monitoring wells for long-term monitoring of groundwater impacts, and the investigation of potential off-site vapor intrusion (VI) and the installation of VI mitigation systems where appropriate.

An Off-Site Vapor Intrusion Investigation Update Report was submitted to IDEM on July 9, 2019. This report summarized additional vapor intrusion sampling in the neighborhood to the west of the Site. Based on heating season and cooling season sampling results, the report recommended that no further sampling be done at 34 structures and requested concurrence from IDEM. An update to off-site vapor intrusion evaluations through November 2019 will be submitted as a separate report.

Between March 1, 2019 and November 1, 2019, Arcadis has performed three rounds of groundwater sampling of the entire monitoring well network and continued delineation of soil impacts in the source areas. The results of those investigation and monitoring events are detailed in this Soil and Groundwater Investigation Update Report.

1.1 Site

The Site is a closed GE small motor manufacturing facility that occupies approximately 16 acres of land to the east of 13th Street and south of Payne Street (State Road 37) on the northeastern side of Tell City. It is situated in a mixed industrial/commercial/residential area, with residential sites located to the west, northwest, and southwest (**Figure 2**). Land to the northeast is agricultural, and land to the southeast is a city park. A single residence is located immediately east of the Site, adjacent to the city park. Small commercial/industrial sites are situated immediately south of the Site, and commercial sites are situated along Payne Street and along 9th, 10th, and Main Streets to the west. A small stream (Windy Creek) flows from south to north near the eastern side of the Site, and land along both sides of the stream is owned by Tell City.

The Site is occupied by a large manufacturing building that was built in stages, starting in 1945 (**Figure 3**). Smaller outbuildings are situated to the east of the southern end of the building, near the southeastern corner of the Site. Investigation of the Site has identified four areas of concern (AOCs): AOC-1 is an area around and east of the outbuildings where initial site investigation found evidence of soil and groundwater impacts; AOC-2 is an area around a former trichloroethene (TCE) aboveground storage tank to the east of the manufacturing building; AOC-3 is an area of the northeastern portion of the Site; and AOC-4 is an area under the southwestern corner of the manufacturing building.

A city well field is situated to the west of the developed area of Tell City (**Figure 2**). This well field is a secondary source for the municipal water supply. The primary source is a well field along 5th Street to the south. The well field shown on **Figure 2** currently includes two wells that are used for the municipal potable water supply and four wells that are used by the Waupaca Foundry as a non-potable process water supply. According to the Tell City Water Department superintendent, no private water supply wells are situated in the neighborhood between the Site and the well field to the west.

1.2 Geology

The Hydrogeologic Atlas of Aquifers in Indiana (Fenelon *et. al*, 1994) shows the Site as lying at the boundary between the Unglaciaded Southern Hills and Lowlands Aquifer System to the east and the Ohio River Outwash Aquifer Subsystem to the west, with the Ohio River Outwash Aquifer System lying farther west of the Site.

The southeastern portion of the Site is underlain by fill and clay that extends to at least 55 feet below grade. The only water-bearing units in this clay are thin sands that lie more than 35 feet below grade. The only bedrock to be encountered in the investigation to date is Pennsylvanian age shale at approximately 26 feet below grade to the east of Windy Creek, highly weathered sandstone at about 30 feet below grade in the northeastern corner of the Site, and weathered sandstone at about 70 feet below grade near the northwestern corner of the Site.

The northwestern portion of the Site, extending west to about 11th Street is underlain by the *Ohio River Outwash Aquifer Subsystem*, where an 8 to 12-foot clayey zone overlies sand which extends to 30 to 35 feet below grade. The sand is underlain by gray clay, and a thin (2 to 5 foot) saturated zone is perched in the sand on top of the clay. To the west of 11th Street, the sand aquifer thickens quickly to 90 feet or more by 7th Street. Logs for City wells to the west of 7th Street indicate that the sand extends to over 100 feet below grade at the city well field. The saturated thickness within this sand also increases to more than 50 feet. This aquifer to the west of 11th Street is the *Ohio River Outwash Aquifer System*.

1.3 Constituents of Concern

Several different constituents have been detected at the Site in the various investigations, including volatile organic compounds (VOCs) typical of both solvents and petroleum products, polynuclear aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs). The constituents of concern (COCs) with regard to both on-site and off-site groundwater impacts and vapor intrusion are chlorinated VOCs (CVOCs), including tetrachloroethene (PCE) and TCE and their degradation products cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), and vinyl chloride. TCE is the dominant CVOC compound both on and off site and is the primary compound with regards to regulatory concerns. PCB detections are largely limited to the area of AOC-1, and petroleum constituents are most prominent in the area of AOC-3.

2 MONITORING WELL SAMPLING

The groundwater monitoring well network currently consists of 37 wells (**Figure 4**). On-site wells include four wells (MW-1 through MW-4) that were installed as part of the investigation of AOC-1, ten wells (MW-5S and D, 6S and D, 8S and D, 9S and D, and 10S and D) that were installed as pairs in the *Ohio River Outwash Aquifer Subsystem* and across a series of 1 to 2 inch sands in the clay below, one well (MW-7) that was installed across thin sand lenses in the deep clay at the location of AOC-2, and one well (MW-15) that was installed at the location of a former hazardous waste storage pad. Monitoring wells MW-1 through 4 and MW-15 are screened across the bottom of a fill layer that was placed in the southeastern area of the Site.

Off-site wells include four wells (MW-11 through MW-14) that are set at the base of the *Ohio River Outwash Aquifer Subsystem* along the alley between 11th and 12th Streets to the west of the Site, and nested wells MW-16 through MW-21 are set at varying depths in the *Ohio River Outwash Aquifer System* to the west. These nested wells consist of wells screened across the top of the saturated zone (shallow wells), at an intermediate depth at 50 to 60 feet below grade, and at the base of the saturated zone (deep wells). Because the bottom of the aquifer at the MW-18 site was near the 50 to 60-foot range, a deep well was not completed at this location.

2.1 Methodology

Prior to sampling, the depth to water in all wells was measured with an electronic water level meter. All wells were gauged before any other work was done to ensure that they were gauged as near the same time as possible.

Sampling was performed using low-flow techniques in conformance with IDEM guidance. A pump was lowered to mid-screen in each well and connected to a flow controller at the surface. Water from the pump was run through a flow cell attached to a multimeter that recorded dissolved oxygen, oxidation/reduction potential, turbidity, temperature, pH, and conductivity. Once the field parameters stabilized per guidance, samples were collected into the laboratory containers. Groundwater samples were submitted to SGS laboratory in Dayton, New Jersey for analysis of VOCs via test method 8260.

2.2 Groundwater Flow

Groundwater gauging data (**Table 1**) were used to evaluate the groundwater flow in three different aquifers: the aquifer at the interface between fill and natural soil in the AOC-1 area, the *Ohio River Outwash Aquifer Subsystem/Ohio River Outwash Aquifer System*, and the thin sand lenses in the deep clay at the Site.

Figure 5 presents the potentiometric map of the AOC-1 area for the September 2019 sampling event. Earlier potentiometric maps are not presented, because this area has a consistent flow direction: easterly, toward Windy Creek. It is apparent that Windy Creek exerts a control on shallow groundwater flow in this area of the Site, where fill material lies on the former Windy Creek flood plain, and a steep slope is present to the creek, just east of the Site. **Table 1** indicates that the water table in this area has fluctuated by 2 - 4 feet in the time since sampling began.

Figure 6 shows that the groundwater flow in the thin sands in the deep clay is generally toward the north. Historical gauging has shown a similar flow direction, with some changes between north, northwesterly and

north, northeasterly flow. **Table 1** indicates that the water table in this interval has fluctuated by 1 – 1.5 feet in the time since sampling began.

Figures 7 through 9 present the potentiometric maps for the *Ohio River Outwash Aquifer Subsystem/Ohio River Outwash Aquifer System* in the first through third quarters of 2019. The groundwater flow varied significantly between March and September 2019. In March 2019, the groundwater flow was to the northwest between the Site and 11th Street. Flow between 7th and 9th Streets was to the east. The area between 9th and 11th Streets had a relatively flat potentiometric surface. In June and September 2019, groundwater flow was from east to west from the Site to 7th Street with a change in flow direction from northwest near the Site to west with distance from the Site. The groundwater elevations in the westerly wells varied by up to 15 feet between the gauging events.

The reversal of flow on the western side of the area is interpreted to be the result of the Ohio River being out of its banks, with water as far east as the fields to the west of 7th Street, at the time of the March gauging event and within its banks at the later gauging events. These gauging events demonstrate that the *Ohio River Outwash Aquifer Subsystem/Ohio River Outwash Aquifer System* is connected to the Ohio River and that flow in the aquifer is tied to river stage.

On-site, the gauging also shows that the groundwater elevations in the easternmost wells (MW-6S and MW-8S) are lower than the wells to the west (MW-5S and MW-10S). This suggests that Windy Creek is influencing the on-site groundwater flow on the eastern side of the Site.

2.3 Groundwater Analytical Results

Groundwater VOC analytical results are presented in **Table 2** and on **Figure 10**. Results are discussed by geologic unit/area below.

AOC-1: Groundwater analytical results from the AOC-1 area indicate relatively low concentrations of CVOCs as compared to other areas of the Site. No CVOC tap water screening levels were exceeded in samples that were collected from monitoring wells MW-1 through MW-4. The only analytes with concentrations above screening levels are related to petroleum compounds: benzene and naphthalene in the samples from MW-3. Samples from monitoring well MW-15, which was installed at the closed RCRA storage pad and is between AOC-1 and AOC-2 contained significantly higher concentrations of CVOCs. The source of these compounds in MW-15 is unclear, but do not appear to be associated with the closed RCRA storage pad, due to results of confirmation soil samples collected during the RCRA closure activities.

Deep Sand Lenses: Samples from wells that are screened across the sand lenses in deep clay (MW-5D, 6D, 8D, 9D, and 10D) generally have low concentrations of CVOCs, indicating that the clay is generally preventing vertical migration of the impacts. MW-10 is the exception to this, with the samples collected from the deeper well (MW-10D) having higher concentrations of CVOC degradation compounds than the samples from MW-10S.

Ohio River Outwash Aquifer Subsystem/Ohio River Outwash Aquifer System: Analysis of samples from the wells set in this aquifer show an east-west gradient in CVOC concentrations, with decreasing concentrations to the west of the Site. Results from the wells set in the alley between 11th and 12th Streets (MW-11 through MW-14) show that the central area of elevated CVOCs in groundwater lies between Herrman Street on the south to just north of Payne Street on the north. Results from the nested well sets to the west show that CVOCs are more concentrated at the 50 to 60 feet range (intermediate depth wells)

where the aquifer thickens. Results from the westernmost wells along 7th Street show that impacts are essentially delineated at the western edge of the developed portion of Tell City.

2.4 City Well Sampling

Because a portion of the city well field is located within ¼-mile to the west of the groundwater investigation area, the Tell City Water Department has been collecting samples for VOC analysis on a quarterly basis, starting in August 2018 (**Table 3**). The sampled wells include two Waupaca foundry wells (wells 10 and 11) and the two city water supply wells (wells 8 and 9). Analysis indicates that no VOCs have been detected at concentrations above IDEM Remediation Closure Guide (RCG) tap water screening levels.

3 SOURCE AREA INVESTIGATION

The 2019 CCR presented soil sampling data for the AOCs; however, further delineation of VOC impacts was needed in the AOCs. In order to more fully delineate the extent of soil impacts at the AOCs, Arcadis mobilized to the Site in March, April, and October 2019 to collect additional soil samples for VOC analysis.

3.1 Methodology

Soil samples were collected via a direct-push soil probe operated by SCS Environmental Contracting and overseen by Arcadis personnel. The probe utilized a dual-tube sampler to minimize the potential for cross contamination between soil horizons. Samples were collected in one-inch diameter acetate liners, which were split in the field for soil descriptions and sampling. Samples from the bottom of each four-foot run were collected for field screening via a photoionization detector (PID) equipped with an 11.7 electron volt lamp. Additionally, samples from selected intervals were collected via EPA method 5035 for laboratory VOC analysis. The soil probes were driven 16 to 40 feet below grade. Each boring was abandoned using pressure grouting. Logs for these soil borings are presented in **Appendix A**.

A limited number of samples were collected via hand auger on the slope to Windy Creek in the AOC-1 area. Samples were collected directly from the sampler, taking care to avoid the surface of the sampler to minimize the potential for cross contamination. Soil samples from the upper six inches and the deepest penetration were collected from each hand auger boring. The depth of each hand auger was limited by tree roots or other subsurface obstructions.

Laboratory reports are presented in **Appendix B**.

3.2 Analytical Results

AOC-1

Based upon the soil investigation results detailed in the CCR, further delineation of VOC and PCB impacts was necessary to the northeast of AOC-1, along the northern portion of the slope to Windy Creek and to the north of the outbuildings. In an attempt to close these data gaps, four hand auger borings (HA-14 through HA-17) were advanced on the slope to Windy Creek, and three direct-push probes (P-26 through P-28) were advanced to the north of the outbuildings (**Figure 11**). Soil samples from HA-14 through HA-17 were analyzed for VOCs and PCBs and soil samples from P-26 through P-28 were analyzed for VOCs. Soil sample laboratory analytical results are summarized in **Table 4** along with historical AOC-1 soil sample results. **Figure 11** presents results for COCs that exceed one or more IDEM RCG soil screening levels.

The results indicate that CVOC impacts are not completely delineated to the north of AOC-1. PCE was detected in the HA-16 soil sample from 1 to 1.5 feet and cis-1,2-DCE was detected in the HA-17 samples at concentrations slightly above the IDEM RCG soil migration to groundwater screening levels. The soil samples from borings P-26, 27, and 28 contained PCE, TCE, and/or cis-1,2-DCE at concentrations that exceed the soil migration to groundwater screening levels. Samples from HA-16 and HA-17 appear to delineate the extent of PCB impacts, with no PCB congeners at concentrations above IDEM RCG soil screening levels.

GE anticipates the submittal of a Supplemental Investigation Work Plan during January 2020. Additional soil sample points to the north of sample points HA-16 and HA-17 will be proposed in the Work Plan.

AOC-2

Previous soil sampling at AOC-2 appears to have delineated the lateral extents of impacts in this area, with CVOC impacts localized around the former location of the TCE AST. The lateral spread of impacts to soil was limited by the fact that this area is entirely within the clay-dominated area of the Site. The presence of a wet sandy clay zone in the 8 to 12-foot depth interval has allowed some lateral migration at this depth.

Additional soil sampling was done in AOC-2 to delineate the depth of impacts at the location of boring SAP-17. Boring SAP-17B was advanced to 28 feet below grade, and samples from 20, 24, and 28 feet below grade were analyzed for VOCs. Results are presented in **Table 4** along with past results from AOC-2 sampling. **Figure 12** presents results for compounds that exceed one or more RCG screening levels.

The SAP-17B results indicate that impacts extend to at least 24 feet below grade, with vinyl chloride above the migration to groundwater screening level at this depth. However, all CVOC compounds were below their respective screening levels by 28 feet below grade.

No further delineation of CVOCs is planned for AOC-2 at this time.

AOC-3

Previous soil sampling at AOC-3 appears to have delineated the lateral extents of impacts in this area to the north, northeast, northwest and west. Soil borings SAP-77, 78, and 79 were advanced inside the building to further delineate the lateral extent of impacts to the south (**Figure 13; Table 4**).

No analytes were detected at concentrations above soil screening levels in the analysis of soil samples from borings SAP-78 and SAP-79, completing delineation of impacts to the east and south of soil boring SAP-63.

Analysis of soil samples from boring SAP-77 indicated TCE at a concentration above its screening level at 8 feet below grade and vinyl chloride above its screening level at 12 feet below grade. The detections extend a north-south linear trend of CVOC compounds above screening levels to the area under the building. The southern extent of this trend is not delineated due to the presence of a raised platform of very thick concrete in this part of the building. Arcadis is currently evaluating soil conditions to determine if additional delineation is needed to the south of SAP-77, based upon the clay dominant soil and limited potential for leaching of impacts to groundwater in this area.

AOC-4

Previous sampling results at AOC-4 appear to have delineated the lateral extents of impacts to the south and west; however, the lateral extent of impacts to the east and north remained undetermined. Additional soil borings SAP-80 through SAP-91 were advanced inside the building to close these data gaps and to explore other areas of the building (**Figures 14 and 15; Table 4**).

Soil borings SAP-80, 81, and 82 were advanced to the east of AOC-4. Concentrations of TCE at 12 feet in SAP-81 and at 4 feet in SAP-82 were above screening levels. These detections are likely the result of

migration of impacts along the gravel base below the building in the case of SAP-82 and along the wet sandy clay interval in the case of SAP-81. Given the soil borings that were previously advanced to the east of the building, the easterly extent of impacts is effectively delineated at this time.

Soil borings SAP-83, 84, and 85 were advanced to the north of AOC-4. TCE was found in the shallow soil of SAP-83 and SAP-84 and in the deep soil of SAP-85. The shallow soil impacts are likely the result of lateral spread of impacts under the floor of the building, and the deeper impacts are likely related to the northwesterly migration of impacts with groundwater flow.

Soil borings SAP-86 through SAP-91 were advanced in other areas of the building to evaluate the extents of impacts possibly related to AOC-4 and/or related to other point sources in the building. The results indicate that other scattered point sources were present in the building and unrelated to AOC-4. It is unknown whether these were related to the locations of machines, product storage, or waste storage.

3.3 Investigation of Geologic Transition Zone

Arcadis returned to the Site in October 2019 to advance a series of borings along the boundary geologic transition zone between the clay and sand dominated areas in the center of the Site to more accurately determine where the boundary is and the nature of the transition between the two areas. A total of 11 borings (SAP-93 through SAP-103) were advanced along five transect lines in order to create five geological cross sections across this geological transition (**Figure 16**). The geological cross sections are presented as **Figures 17 through 21**.

As indicated on **Figure 17**, Cross-Section A-A' (across the southwestern portion of the Site (AOC-4)) shows the sand unit is first encountered between soil borings SAP-94 and SAP-93 and thickens as it extends to the west toward monitoring well MW-5D. TCE soil impacts are present in the shallow (<20 feet) clay under the floor of the building (at SAP-23, SAP-40, SAP-94, and SAP-95) but these shallow impacts do not extend beyond footprint of the building (SAP-03). TCE impacts near the sand transition zone (SAP-93) appear to be limited to the sand, suggesting that impacts are migrating laterally through the clay into the sand unit in this area.

As indicated on **Figure 18**, Cross-Section B-B' (also within AOC-4) shows that the sand unit is first encountered between SAP-70 and SAP-97 and thickens as it extends to the northwest. Shallow TCE impacts in clay are present under the building floor to the southeast of the sand unit (SAP-25 and SAP-75), with TCE impacts above screening levels occurring deeper in the soils to the northwest. Some TCE impacts are present in vadose zone soil above the sand at the locations of SAP-85 and SAP-96. Impacts to the sand may be migrating both laterally and vertically through clay and silt into the sand.

As indicated on **Figure 19**, Cross-Section C-C' extends from AOC-2, northwest to MW-8. The sand begins at approximately the location of SAP-98, with the sand unit extending and thickening to the northwest. The cross section shows an area of silt to clayey silt that is interpreted to be fill near the southeastern edge of the sand transition zone. This location corresponds to a topographic drainage that was present prior to the construction of the building. Soil impacts can be seen in shallow soil in the AOC-1 area and in the area of fill. TCE impacts near the sand transition zone (SAP-89) appear to be limited to the sand, suggesting that impacts are migrating laterally through the fill into the sand unit in this area.

Cross-Sections D-D' and E-E' (**Figures 20 and 21**) extend through AOC-3, from near the northeastern corner of the building to the northwest. The cross sections show the sand beginning between SAP-33 and SAP-100 and between SAP-39 and SAP-103 and thickening as it extends to the northwest. Soil impacts are present at SAP-33, SAP-100, SAP-06, and SAP-39 and appear to migrate to the northwest in the sand layer. Although saturated conditions were found in weathered sandstone bedrock at SAP-103, analysis of this material found no impacts.

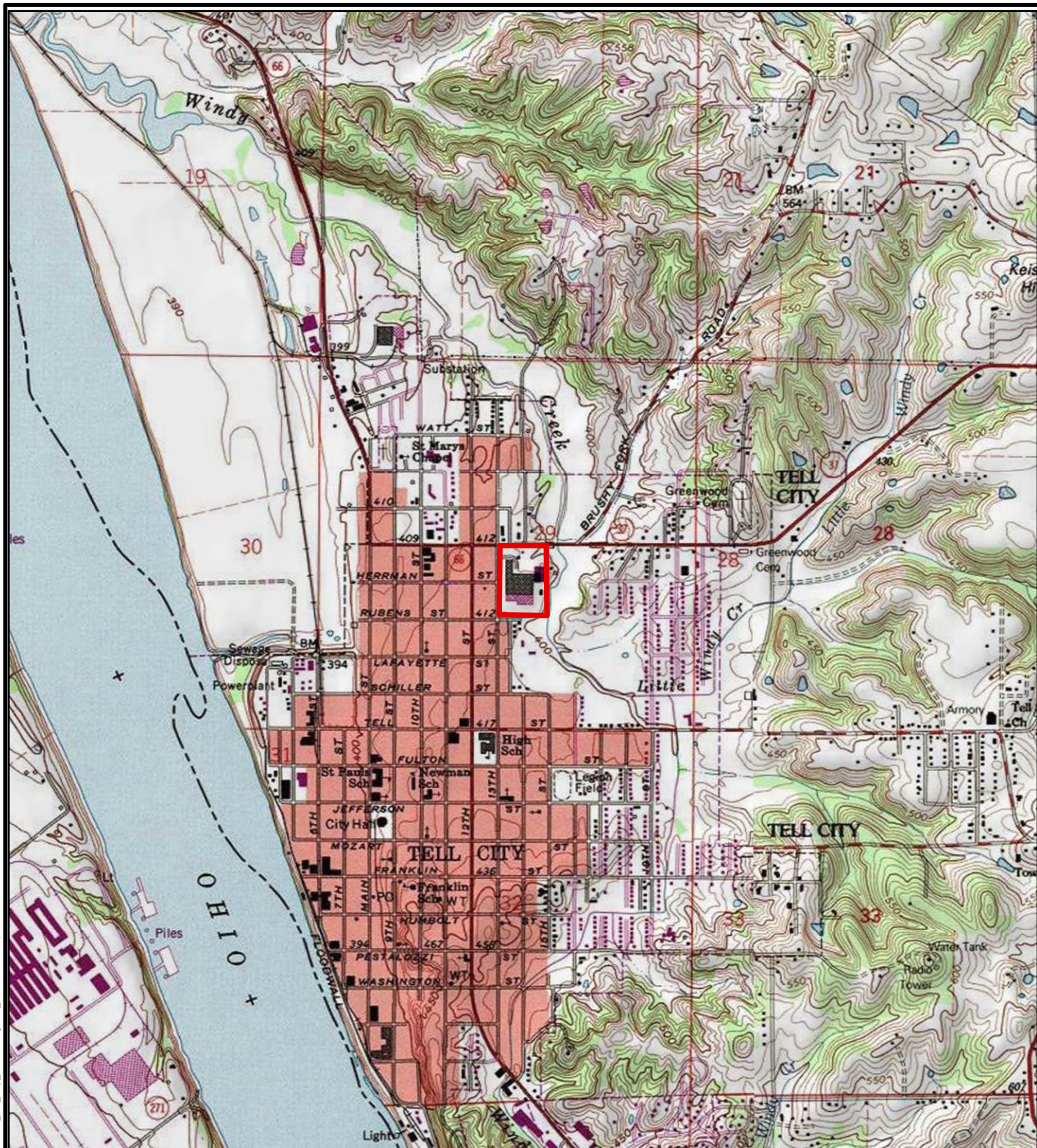
Figure 16 shows the approximate location of the easternmost extent of the sand unit that comprises the *Ohio River Outwash Aquifer Subsystem/Ohio River Outwash Aquifer System*. The eastern extent of the sand unit is a nearly linear southwest-northeast feature that extends across the middle of the Site. Historical investigation results suggest that impacts to shallow soil are primarily near or east of this line, and that impacts are migrating to groundwater from the clay and into the sand unit mostly in a lateral direction (from east to west), but also vertically in some areas along the geologic transition zone where shallow impacts were observed above the sand unit.

4 SUMMARY

The historical investigation activities detailed in this Report and in the May 3, 2019 CCR have characterized the nature and extent of groundwater impacts and soil impacts within the on-site AOCs. As additional soil sample points are needed to the north of sample points HA-16 and HA-17 for full characterization of AOC-1, those soil sample locations are proposed in a forthcoming Supplemental Investigation Work Plan (Work Plan). The Work Plan will also include additional proposed activities to further characterize hydrogeology within the AOC-3 and AOC-4 transition areas.

FIGURES





LEGEND

 APPROXIMATE PROPERTY BOUNDARY



Service Layer Credits: Copyright:©
2013 National Geographic Society, i-
cubed

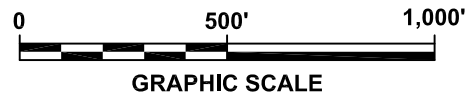
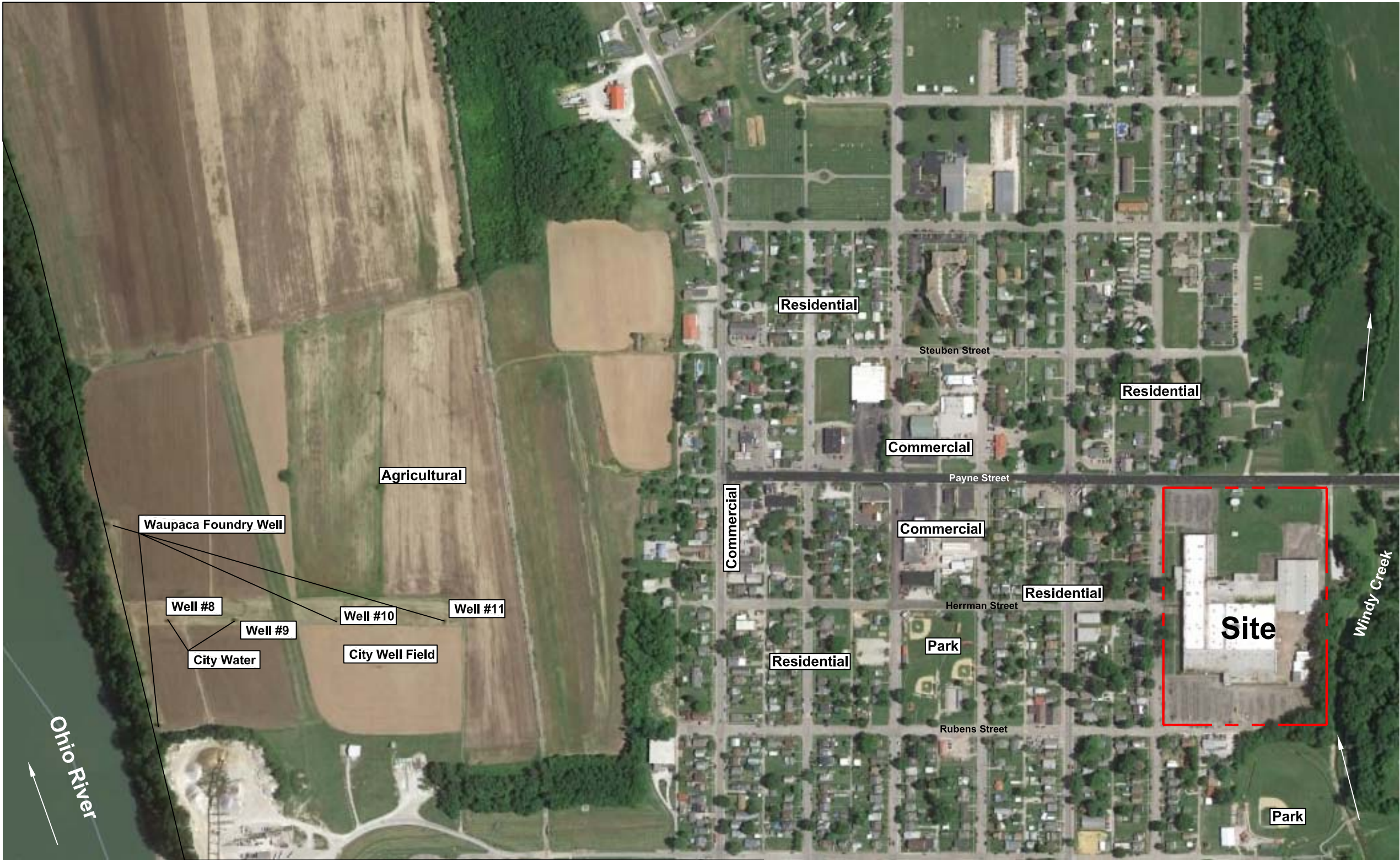
0 2,000 4,000
Feet

General Electric
Tell City Facility
1412 13th Street, Tell City, Indiana

SITE LOCATION MAP



FIGURE
1



GRAPHIC SCALE

7th Street

Main Street

9th Street

10th Street

11th Street

12th Street

13th Street

--- Site Property Line

GENERAL ELECTRIC
TELL CITY FACILITY
1412 13th STREET, TELL CITY, INDIANA

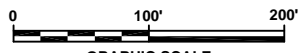
Area Map



Legend



Area of Concern

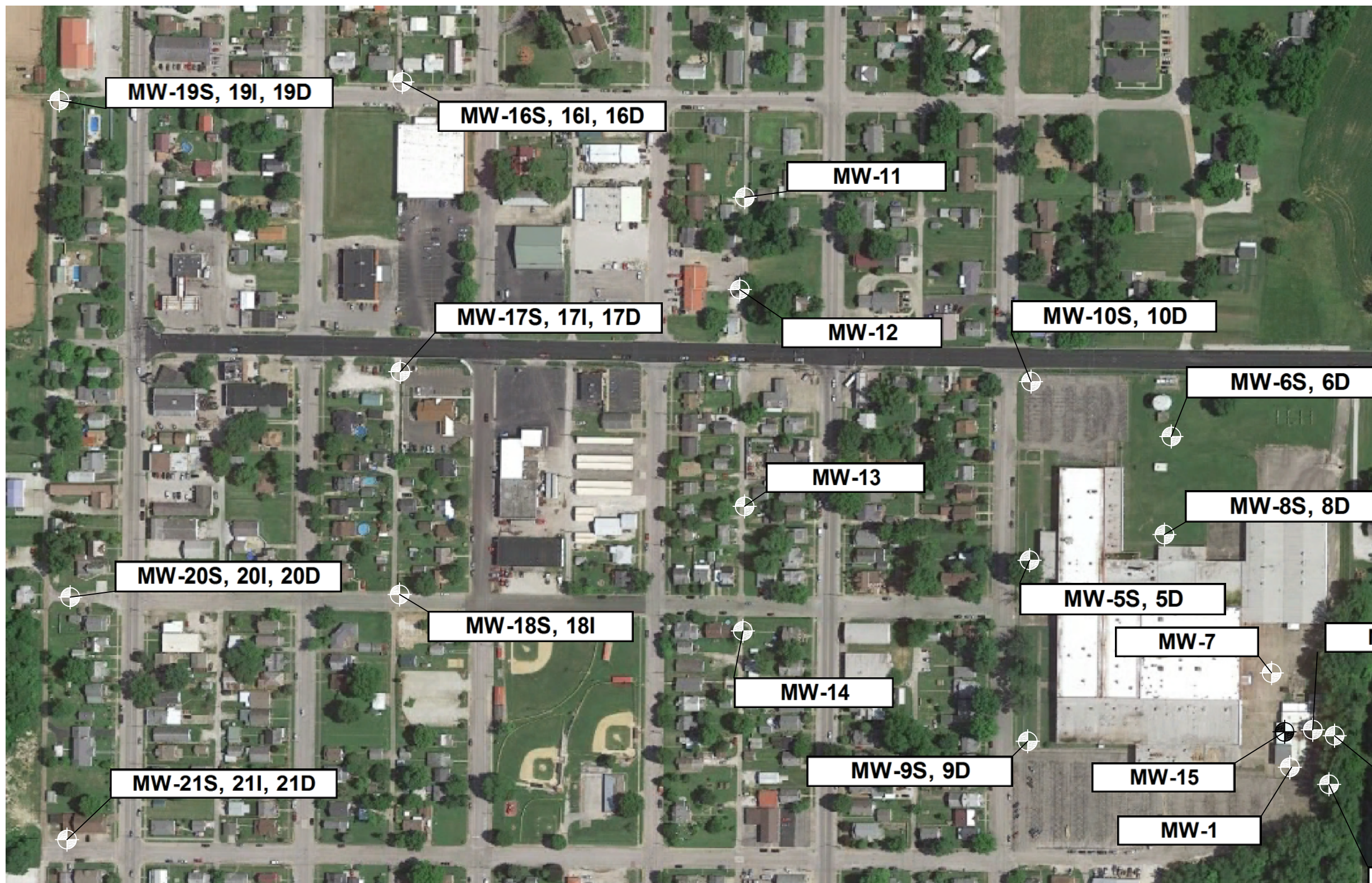


Site Map

GE Tell City Facility
1412 13th Street
Tell City, Indiana



Figure 3



MW-19S, 19I, 19D

MW-16S, 16I, 16D

MW-11

MW-17S, 17I, 17D

MW-12

MW-10S, 10D

MW-6S, 6D

MW-13

MW-8S, 8D

MW-20S, 20I, 20D

MW-18S, 18I

MW-5S, 5D

MW-7

MW-4

MW-14

MW-9S, 9D

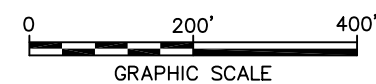
MW-15

MW-3

MW-21S, 21I, 21D

MW-1

MW-2

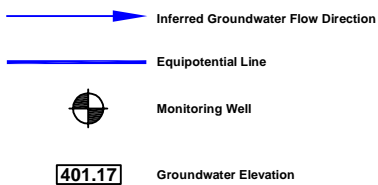


GENERAL ELECTRIC
TELL CITY FACILITY
1412 13th STREET, TELL CITY, INDIANA

Monitoring Well Network



Data Collected September 16, 2019



AOC 1 Potentiometric Map September 2019

GE Tell City Facility
1412 13th Street
Tell City, Indiana



Data Collected September 16, 2019



→ Inferred Groundwater Flow Direction

— Equipotential Line



Monitoring Well

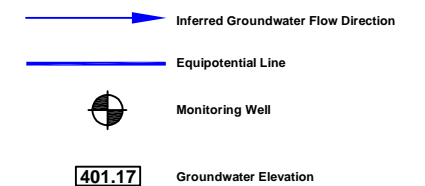
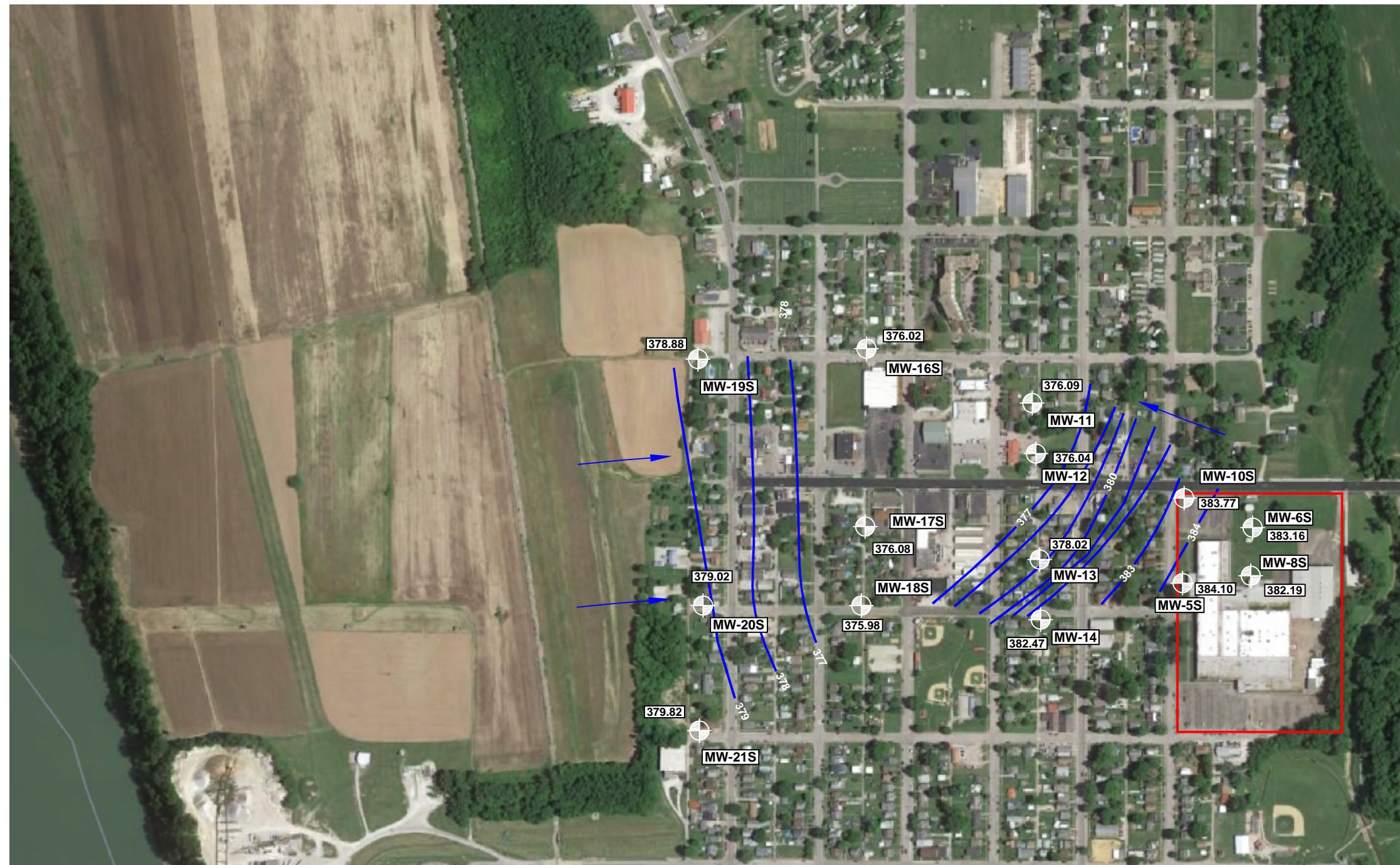
401.17 Groundwater Elevation



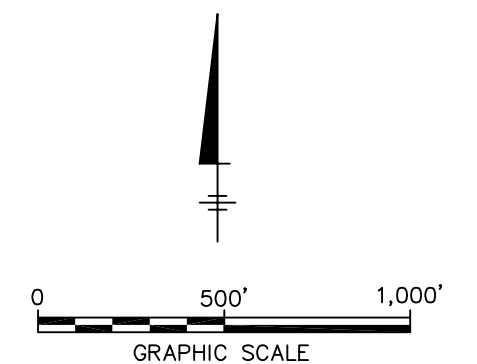
Potentiometric Map of Discontinuous Sand Lenses in Deeper Clay GE TEL City Facility 1412 13th Street, Tell City, Indiana

ARCADIS Design & Consultancy
for natural and built assets

Figure 6

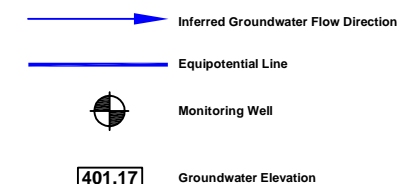
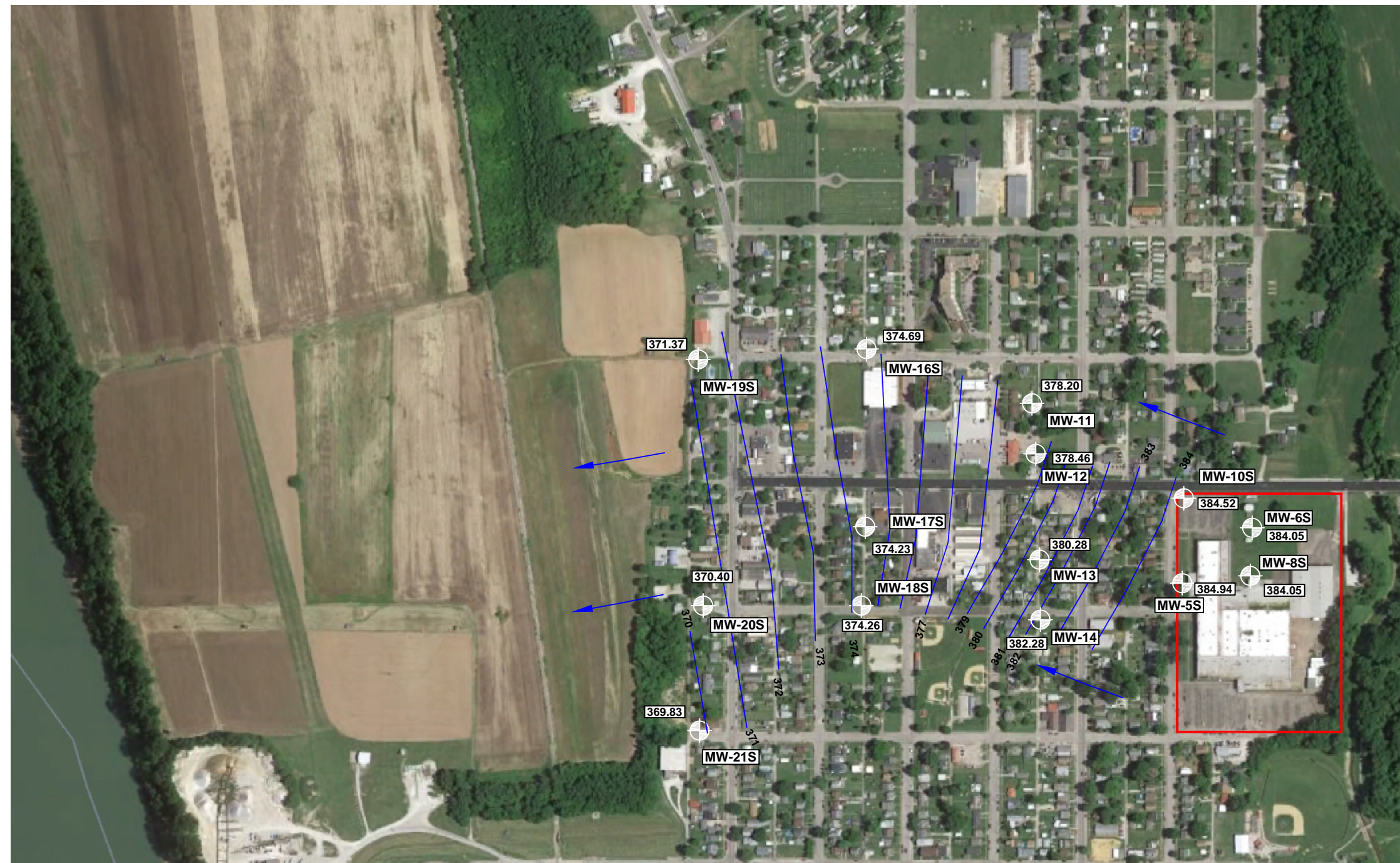


Data Collected March 1, 2019

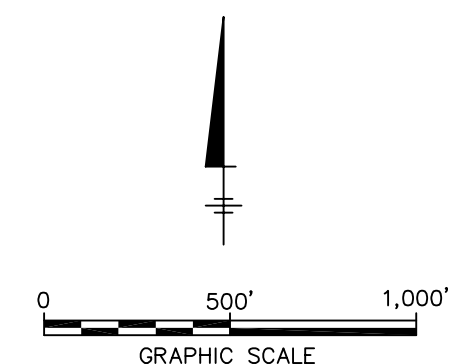


GENERAL ELECTRIC
TELL CITY FACILITY
1412 13th STREET, TELL CITY, INDIANA

**Potentiometric Map of the Ohio River Outwash
Aquifer Subsystem and Top of the Ohio River
Outwash Aquifer System Quarter 1 2019**

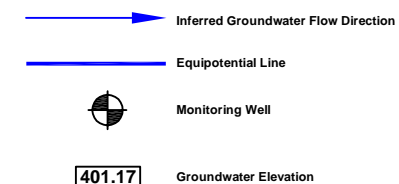
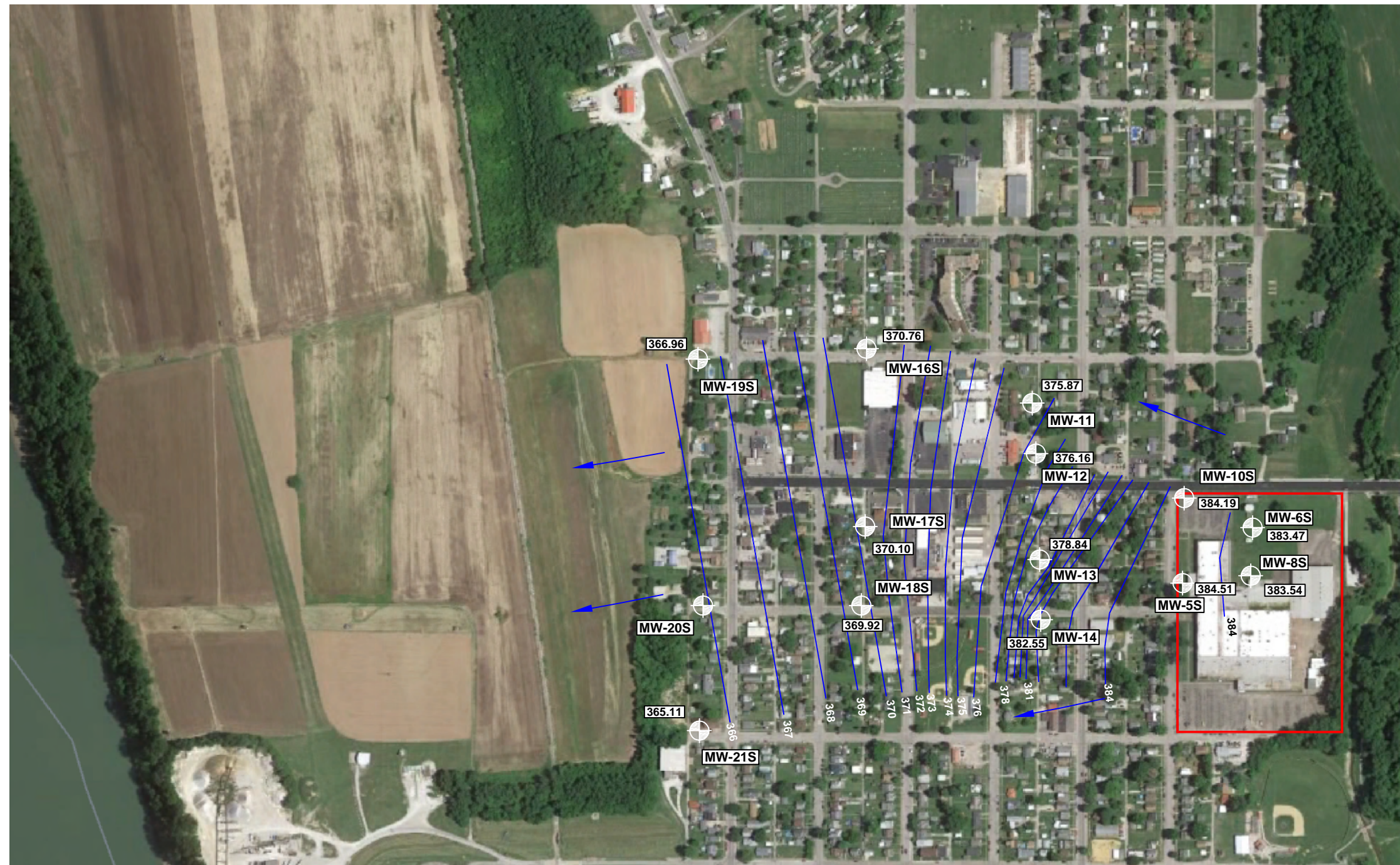


Data Collected June 10, 2019

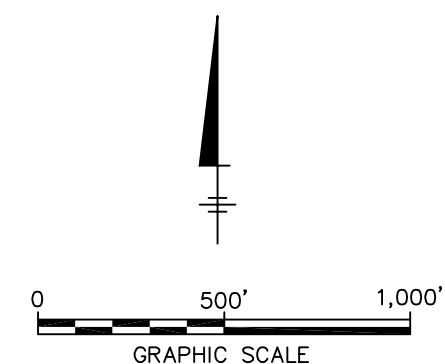


GENERAL ELECTRIC
TELL CITY FACILITY
1412 13th STREET, TELL CITY, INDIANA

**Potentiometric Map of the Ohio River Outwash
Aquifer Subsystem and Top of the Ohio River
Outwash Aquifer System Quarter 2 2019**

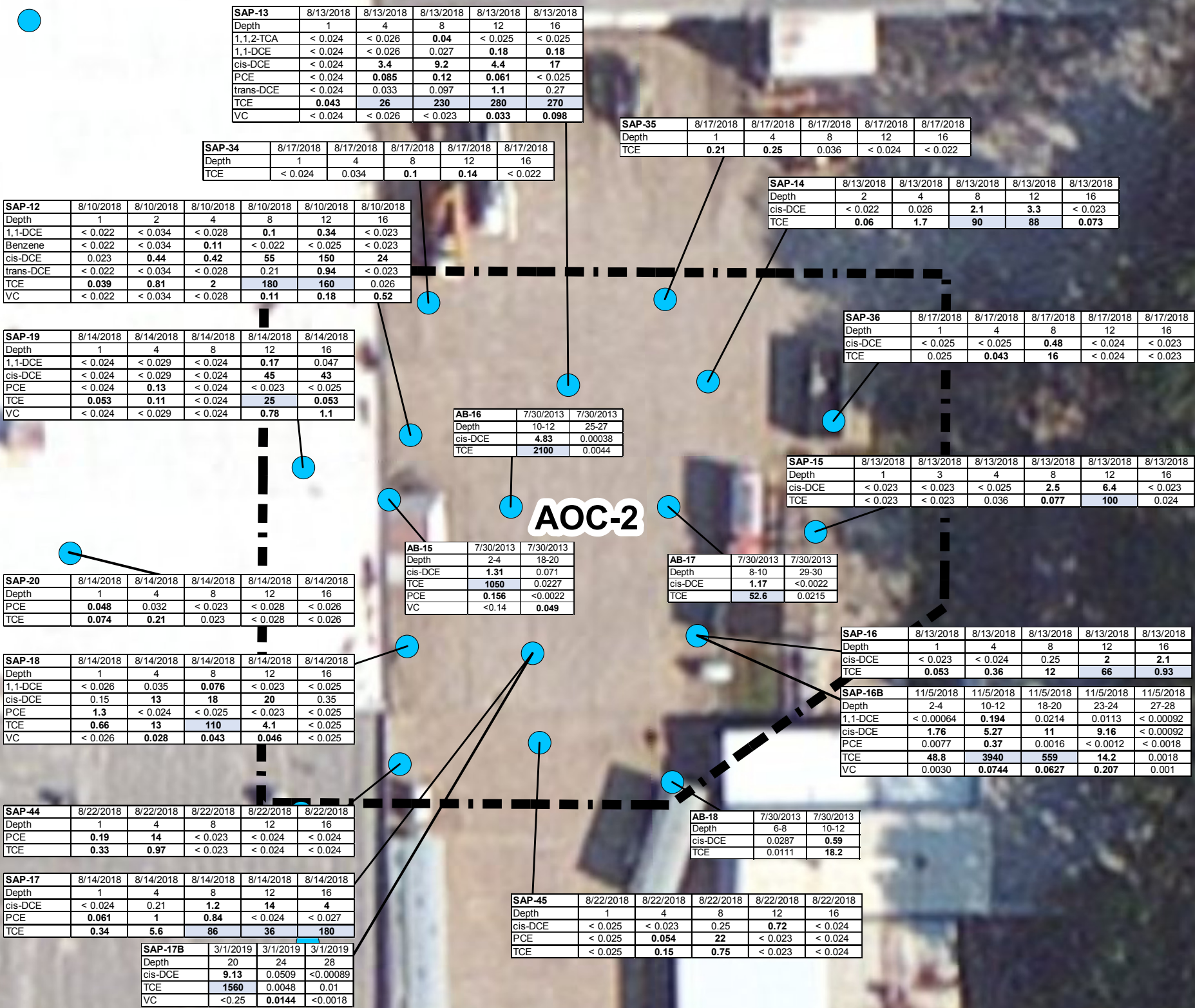


Data Collected September 16, 2019



GENERAL ELECTRIC
TELL CITY FACILITY
1412 13th STREET, TELL CITY, INDIANA

Potentiometric Map of the Ohio River Outwash Aquifer Subsystem and Top of the Ohio River Outwash Aquifer System Quarter 3 2019

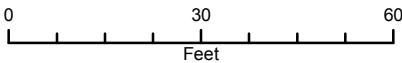


Legend

- Area Of Concern (AOC)
- Soil Boring

Notes:

1. Analytes exceeding IDEM soil screening levels in AOC-2 are provided in the above data boxes
2. Results in milligrams per kilogram (mg/kg)
3. SLs = Screening Levels (2018 Remediation Closure Guide)
4. MTG = Migration to Groundwater
5. **Bold** font indicates concentration above the migration to groundwater screening level
6. **Shaded** cell indicates concentration above the industrial direct contact screening level



Analyte		MTG	Industrial Direct Contact
1,1,2-TCA	1,1,2-Trichloroethane	0.032	6.3
1,1-DCE	1,1-Dichloroethene	0.05	1,000
Benzene	Benzene	0.051	51
cis-DCE	cis-1,2-Dichloroethene	0.41	2,300
PCE	Tetrachloroethene	0.045	170
trans-DCE	trans-1,2-Dichloroethene	0.62	1,700
TCE	Trichloroethene	0.036	19
VC	Vinyl chloride	0.014	17

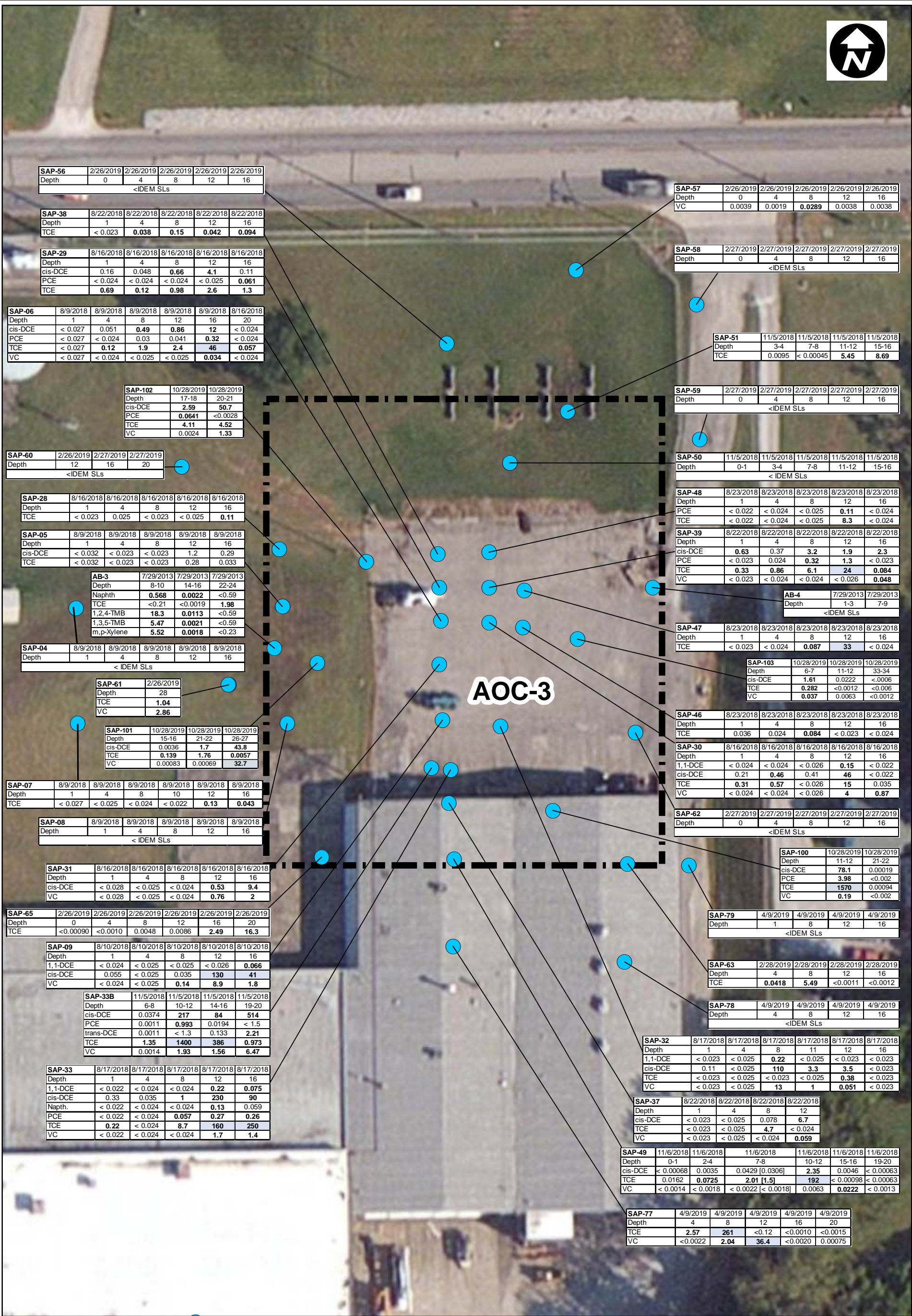
General Electric
Tell City Facility
1412 13th Street, Tell City, Indiana

AOC-2 SOIL DATA



FIGURE
12

City: CITRIX Author: Mheta Path: Z:\GIS\Projects\ ENV\GEGE_Tell_City_IN\MD\Report_Figs_01212019\2019-12-02\Figure13_AOC-3_Soil Data.mxd

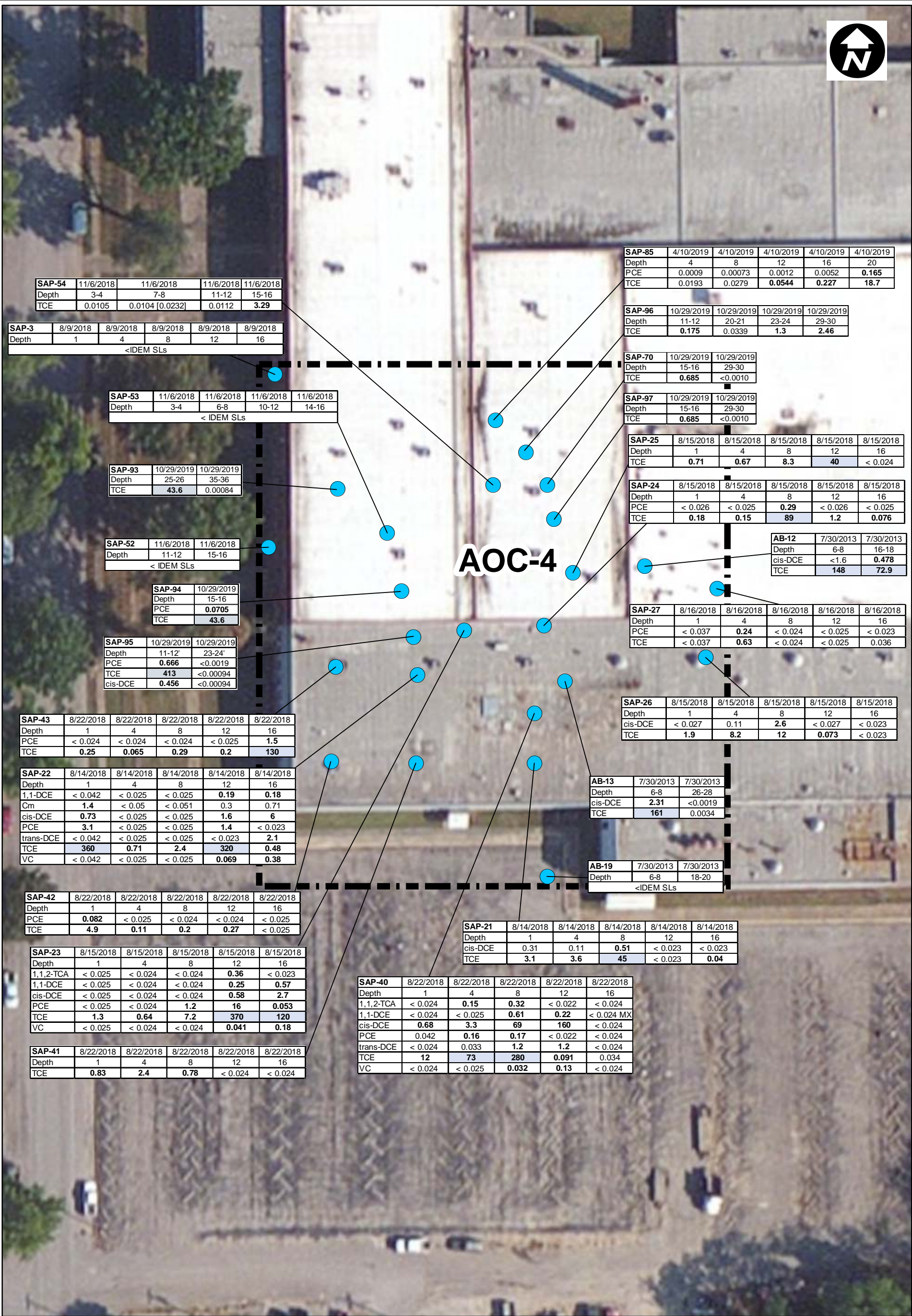


AOC-3

0 50 100
Feet

Analyte	MTG	Industrial Direct Contact
1,1-DCE	1,1-Dichloroethene	0.05
cis-DCE	cis-1,2-Dichloroethene	0.41
Naphth.	Naphthalene	0.11
PCE	Tetrachloroethene	0.045
trans-DCE	trans-1,2-Dichloroethene	0.62
TCE	Trichloroethene	0.036
VC	Vinyl chloride	0.014
1,2,4-TMB	1,2,4-Trimethylbenzene	0.44
1,3,5-TMB	1,3,5-Trimethylbenzene	3.4
m,p-Xylene	m,p-Xylene	3.7

City: CITRIX Author: Mhesta Path: Z:\GIS\Projects\ENVI\GEOTELL City IN\MD\Report_Figs_01212019\2019-12-02\Figure14_AOC-4_Soil Data.mxd



Legend

Area Of Concern (AOC)

Soil Boring

Notes:

1. Analytes exceeding IDEM soil screening levels in AOC-4 are provided in the above data boxes

2. Results in milligrams per kilogram (mg/kg)

3. SLs = Screening Levels (2018 Remediation Closure Guide)

4. MTG = Migration to Groundwater

5. **Bold** font indicates concentration above the migration to groundwater screening level

6. **Shaded** cell indicates concentration above the industrial direct contact screening level

0 50 100

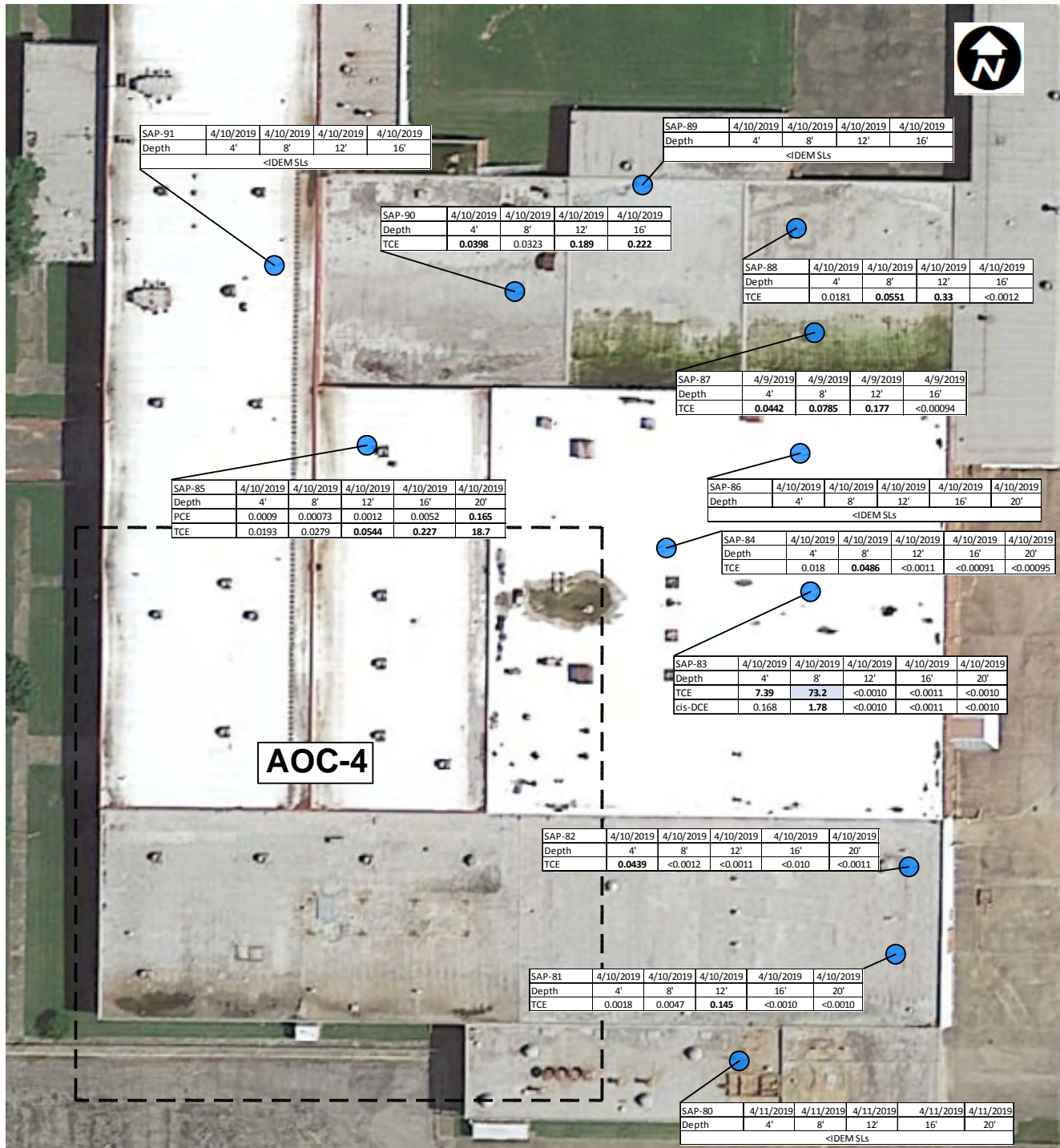
Feet

	Analyte	MTG	Industrial Direct Contact
1,1,2-TCA	1,1,2-Trichloroethane	0.032	6.3
1,1-DCE	1,1-Dichloroethene	0.05	1,000
Cm	Chloromethane	0.98	460
cis-DCE	cis-1,2-Dichloroethene	0.41	2,300
PCE	Tetrachloroethene	0.045	170
trans-DCE	trans-1,2-Dichloroethene	0.62	1,700
TCE	Trichloroethene	0.036	19
VC	Vinyl chloride	0.014	17

General Electric
Tell City Facility
1412 13th Street, Tell City, Indiana

AOC-4 SOIL DATA

FIGURE
14



Analyte	MTG	Industrial Direct Contact
1,1,2-TCA	0.032	6.3
1,1-DCE	0.05	1,000
Cm	0.98	480
cis-DCE	0.41	2,300
PCE	0.045	170
trans-DCE	0.52	1,700
TCE	0.036	19
VC	0.014	17

Legend

Area Of Concern (AOC)

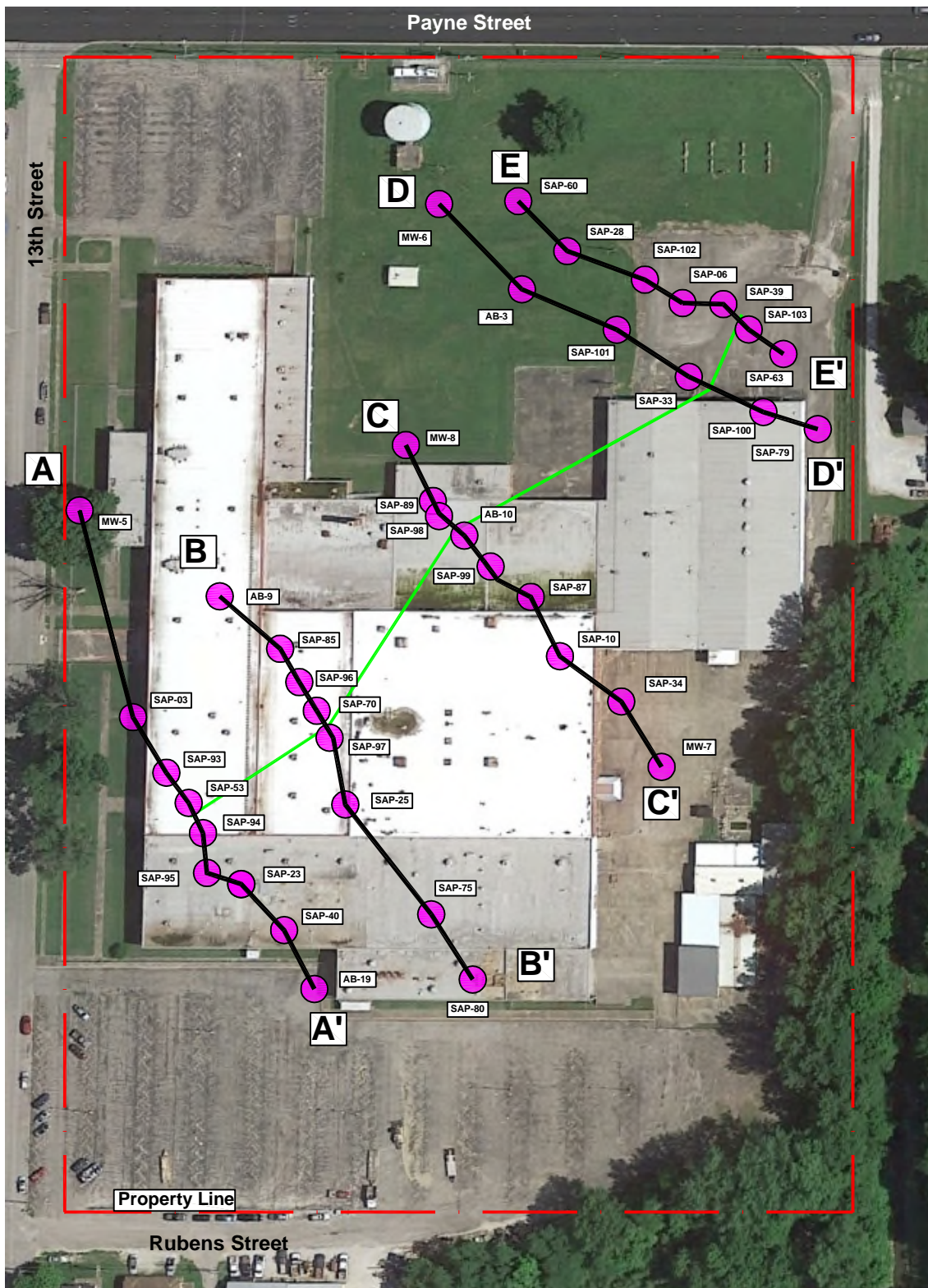
Soil Boring

Notes:

1. Analytes exceeding IDEM soil screening levels in AOC-4 are provided in the above data boxes
2. Results in milligrams per kilogram (mg/kg)
3. SLs = Screening Levels (2018 Remediation Closure Guide)
4. MTG = Migration to Groundwater
5. **Bold font** indicates concentration above the migration to groundwater screening level
6. **Shaded cell** indicates concentration above the industrial direct contact screening level

Other Building Borings

GE Tell City Facility
1412 13th Street
Tell City, Indiana



● Boring/Well Location

— Approximate Eastern
Extent of Sand



0 100' 200'
GRAPHIC SCALE

Cross Section Lines

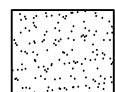
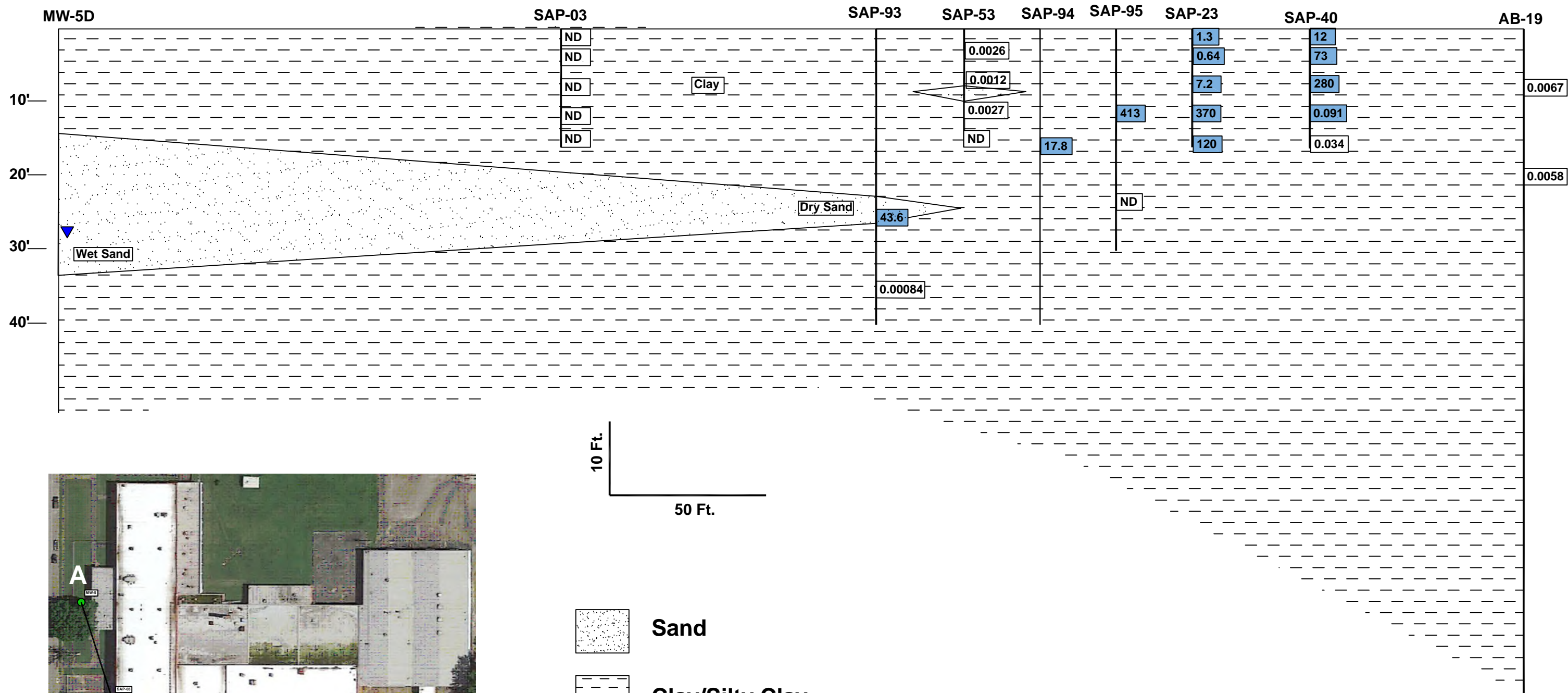
GE Tell City Facility
1412 13th Street
Tell City, Indiana

ARCADIS Design & Consultancy
for natural and
built assets

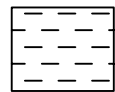
Figure 16

A

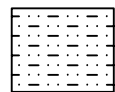
A'



Sand



Clay/Silty Clay



Silty Sand to Sandy Silt

0.0279

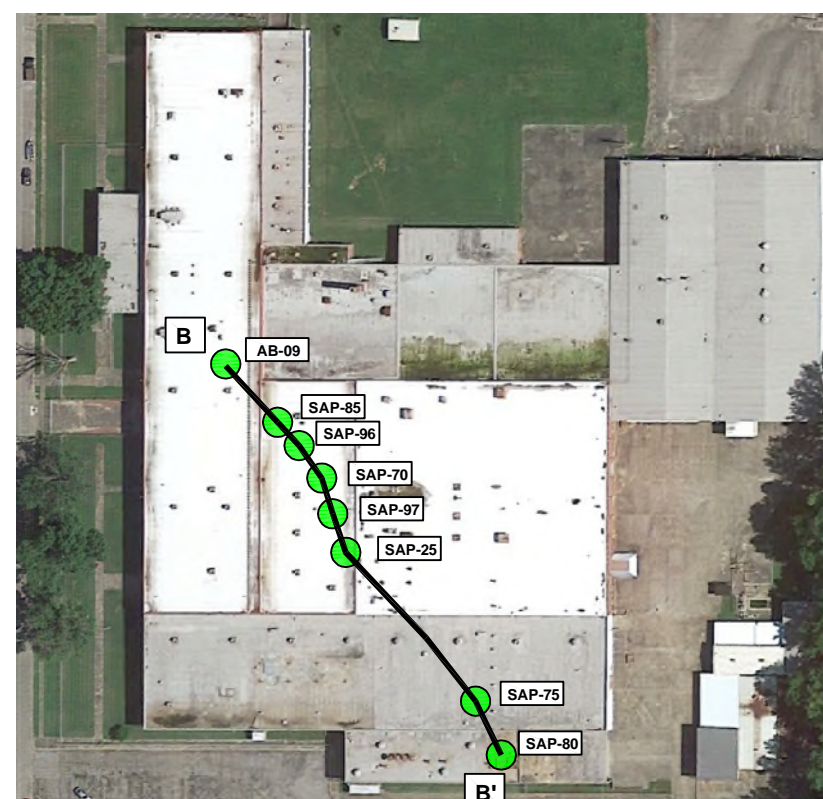
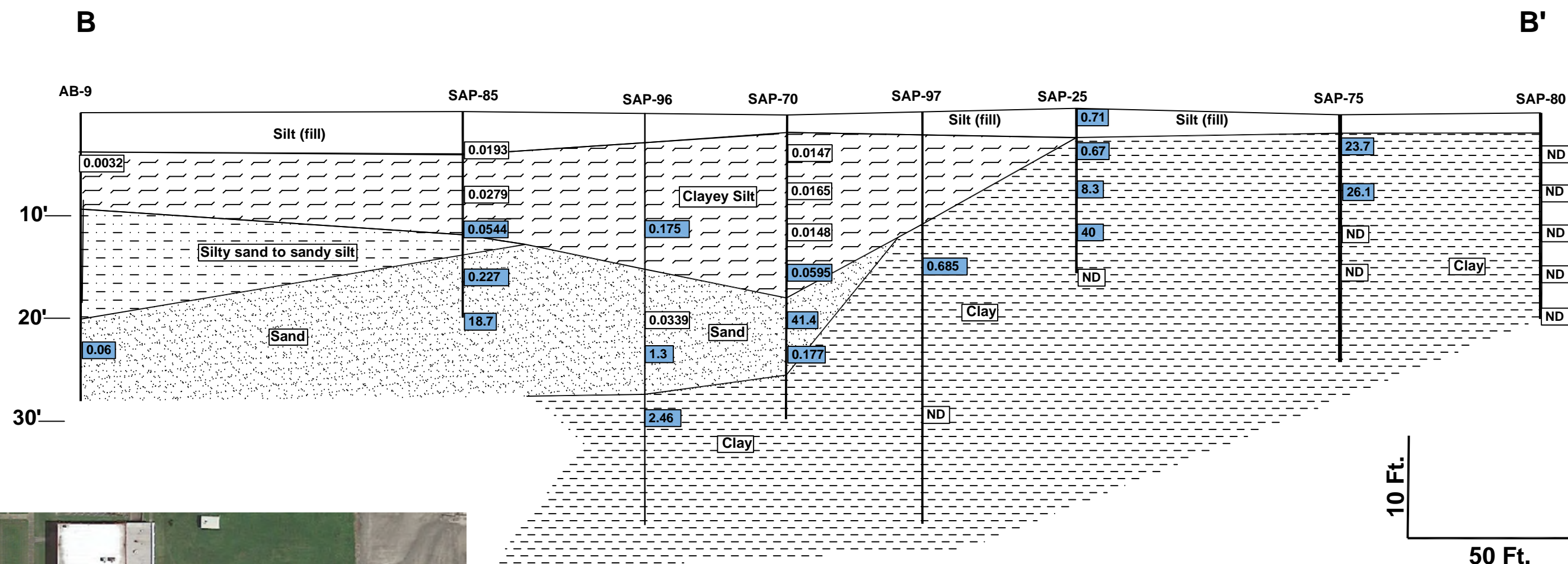
Trichloroethene (mg/kg)

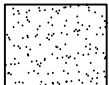
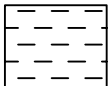
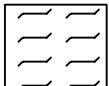
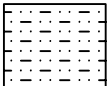
ND = Not Detected

Highlight indicates screening level exceedance

GE TELL CITY FACILITY
1412 13th STREET
TELL CITY, INDIANA

Cross Section A-A'



-  Sand
-  Clay/Silty Clay
-  Clayey Silt
-  Silty Sand to Sandy Silt

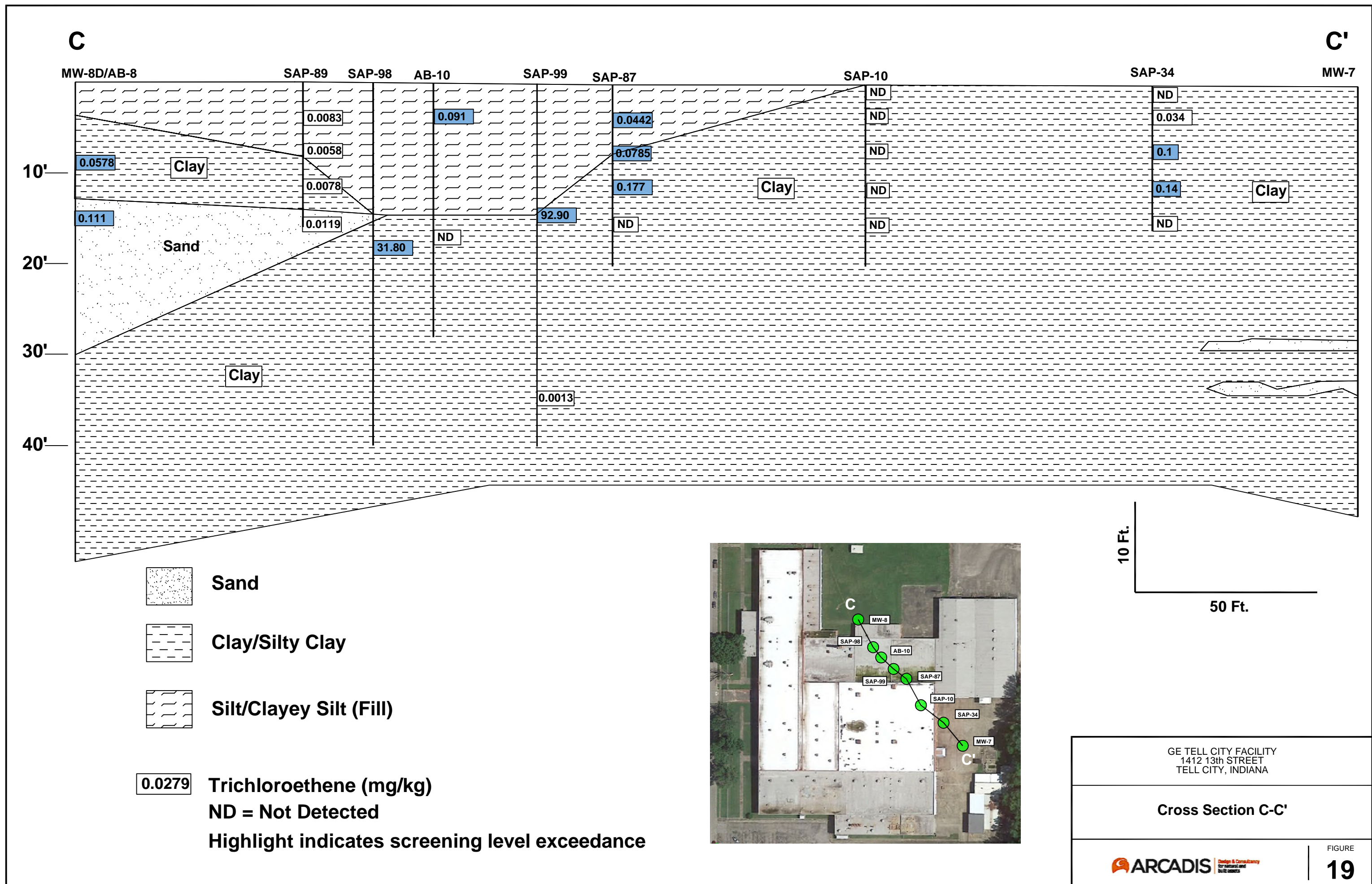
0.0279 Trichloroethene (mg/kg)

ND = Not Detected

Highlight indicates screening level exceedance

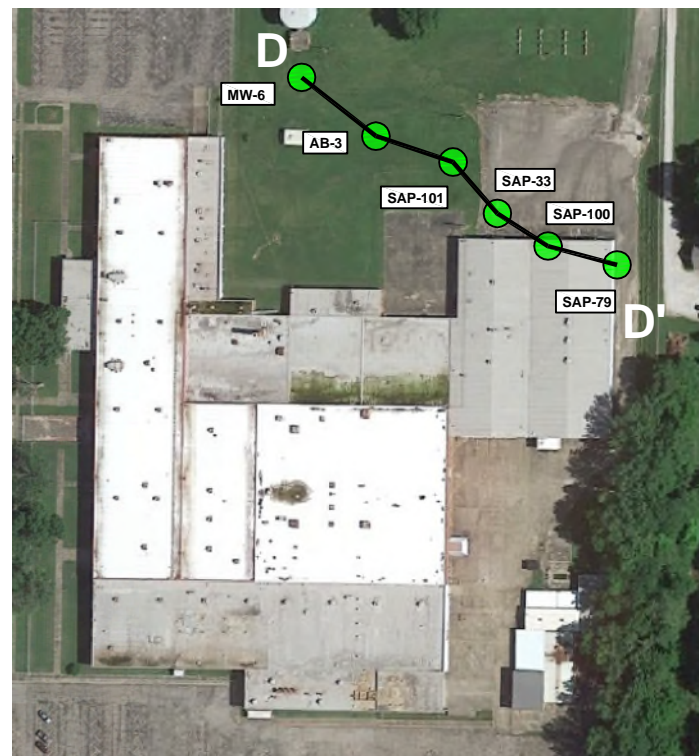
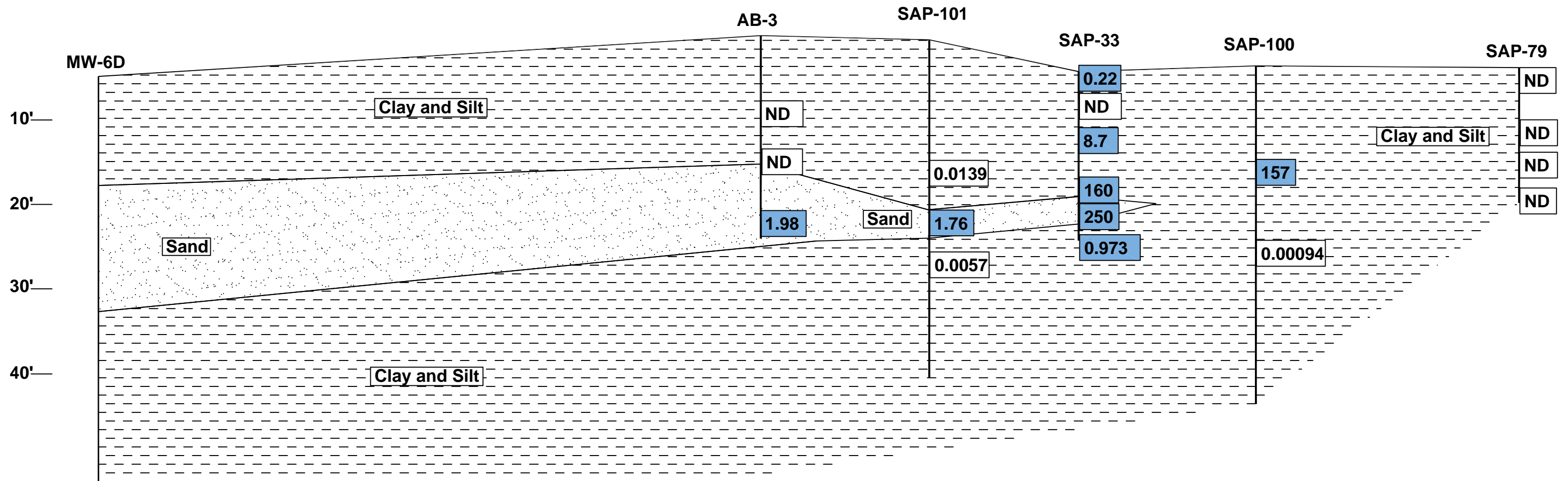
GE TELL CITY FACILITY
1412 13th STREET
TELL CITY, INDIANA

Cross Section B-B'

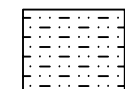


D

D'



Sand



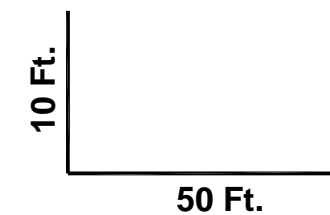
Silty Sand to Sandy Silt

0.0279

Trichloroethene (mg/kg)

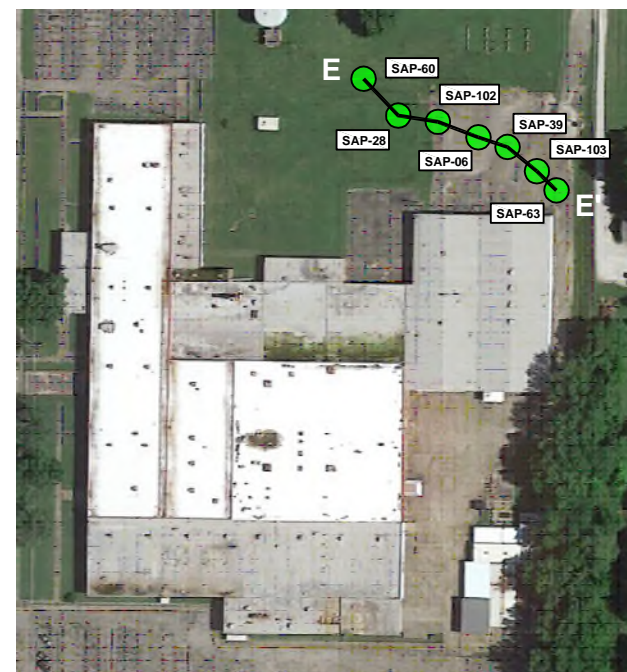
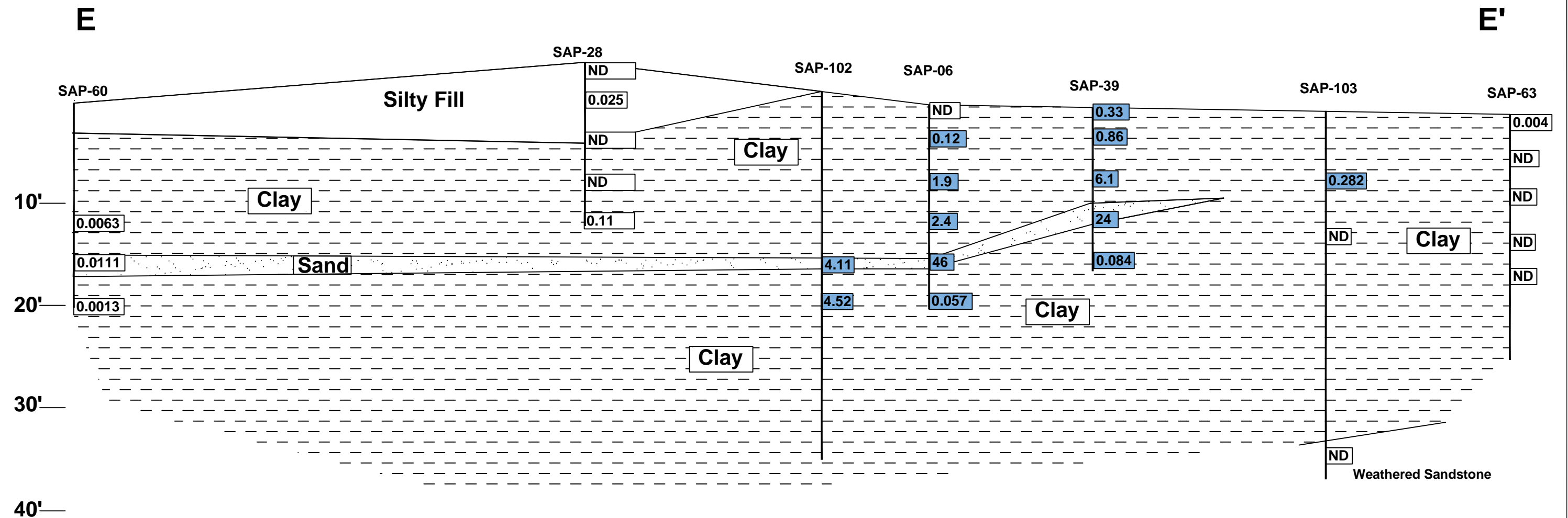
ND = Not Detected

Highlight indicates screening level exceedance

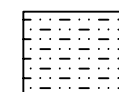


GE TELL CITY FACILITY
1412 13th STREET
TELL CITY, INDIANA

Cross Section D-D'



Sand



Silty Sand to Sandy Silt

0.0279

Trichloroethene (mg/kg)

ND = Not Detected

Highlight indicates screening level exceedance

10 Ft.
50 Ft.

GE TELL CITY FACILITY
1412 13th STREET
TELL CITY, INDIANA

Cross Section E-E'

TABLES



Explanation of Laboratory Flags and Notes

- X Precision for the matrix spike duplicate, laboratory control sample duplicate or lab duplicate was outside of control limits.
- S Surrogate recovery was outside of laboratory control limits due to an apparent matrix effect.
- M1 Spike recoveries were not evaluated because of elevated levels of the spiked analyte in the parent sample.
- M The matrix spike and/or matrix spike duplicate recovery was outside of the laboratory control limits.
- LC Results may be biased low because of low continuing calibration verification (CCV).
- HC Results may be biased high because of high continuing calibration verification (CCV).
- E The concentration indicated is above the instrument calibration range. This value is an estimated concentration.
- D Data reported from a dilution
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. If the word 'dry' does not appear after the units, results are reported on an as-is basis.
- RPD Relative Percent Difference
- J Estimated Value
- B Analyte found in associated method blank
- N Presumptive Evidence of a compound
- (a) See note on laboratory data sheet

Table 1
Well Gauging Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Well	Screened Interval (Depth Ft.)	Date	Top of Casing	Depth To Water	Water Elevation	Geologic Regime
MW-1	16-26'	11/3/2011	409.19	6.88	402.31	Southeastern Fill Area of Site; Fill into Clay
		8/9/2017	409.19	6.51	402.68	
		4/9/2018	409.19	4.46	404.73	
		2/4/2019	409.19	5.93	403.26	
		3/1/2019	409.19	5.60	403.59	
		6/10/2019	409.19	5.38	403.81	
		9/16/2019	409.19	8.39	400.80	
MW-2	14-24'	11/3/2011	410.46	10.15	400.31	Southeastern Fill Area of Site; Fill into Clay
		8/9/2017	410.46	10.43	400.03	
		4/9/2018	410.46	9.73	400.73	
		2/4/2019	410.46	9.29	401.17	
		3/1/2019	410.46	8.50	401.96	
		6/10/2019	410.46	8.10	402.36	
		9/16/2019	410.46	13.10	397.36	
MW-3	14-24'	11/3/2011	410.36	15.10	395.26	Southeastern Fill Area of Site; Fill into Clay
		8/9/2017	410.36	15.08	395.28	
		4/9/2017	410.36	12.26	398.10	
		2/4/2019	410.36	12.78	397.58	
		3/1/2019	410.36	12.25	398.11	
		6/10/2019	410.36	13.09	397.27	
		9/16/2019	410.36	16.20	394.16	
MW-4	16-26'	11/3/2011	409.68	8.35	401.33	Southeastern Fill Area of Site; Fill into Clay
		8/9/2017	409.68	7.44	402.24	
		4/9/2018	409.68	6.28	403.40	
		2/4/2019	409.68	5.95	403.73	
		3/1/2019	409.68	6.02	403.66	
		6/10/2019	409.68	6.49	403.19	
		9/16/2019	409.68	7.80	401.88	
MW-5S	23-33'	8/9/2017	409.90	26.78	383.12	Ohio River Outwash Aquifer Subsystem
		4/9/2018	409.90	26.93	382.97	
		9/6/2018	409.90	25.80	384.10	
		2/4/2019	409.90	26.00	383.90	
		3/1/2019	409.90	25.80	384.10	
		6/10/2019	409.90	24.96	384.94	
		9/16/2019	409.90	25.39	384.51	
MW-5D	41-51'	8/9/2017	409.81	25.04	384.77	Clay below Ohio River Outwash Subsystem
		4/9/2018	409.81	25.93	383.88	
		9/6/2018	409.81	24.97	384.84	
		2/4/2019	409.81	25.12	384.69	
		3/1/2019	409.81	24.70	385.11	
		6/10/2019	409.81	24.13	385.68	
		9/16/2019	409.81	24.55	385.26	
MW-6S	21-31'	8/9/2017	407.23	25.33	381.90	Ohio River Outwash Aquifer Subsystem
		4/9/2018	407.23	25.29	381.94	
		9/6/2018	407.23	24.28	382.95	
		2/4/2019	407.23	24.32	382.91	
		3/1/2019	407.23	24.07	383.16	
		6/10/2019	407.23	23.18	384.05	
		9/16/2019	407.23	23.76	383.47	
MW-6D	40-50'	8/9/2017	406.74	24.23	382.51	Clay below Ohio River Outwash Subsystem
		4/9/2018	406.74	22.73	384.01	
		9/6/2018	406.74	23.50	383.24	
		2/4/2019	406.74	23.43	383.31	
		3/1/2019	406.74	22.53	384.21	
		6/10/2019	406.74	23.05	383.69	
		9/16/2019	406.74	23.10	383.64	
MW-7	29-39'	8/9/2017	410.89	19.23	391.66	Southeastern Clay Area of Site
		4/9/2018	410.89	13.52	397.37	
		9/6/2018	410.89	13.81	397.08	
		2/4/2019	410.89	12.67	398.22	
		3/1/2019	410.89	12.41	398.48	
		6/10/2019	410.89	13.64	397.25	
		9/16/2019	410.89	13.70	397.19	
MW-8S	22-32'	8/9/2017	410.36	28.23	382.13	Ohio River Outwash Aquifer Subsystem
		4/9/2018	410.36	28.28	382.08	
		9/6/2018	410.36	27.26	383.10	
		2/4/2019	410.36	27.38	382.98	
		3/1/2019	410.36	27.17	383.19	
		6/10/2019	410.36	26.31	384.05	
		9/16/2019	410.36	26.82	383.54	
MW-8D	40-50'	8/9/2017	409.98	26.01	383.97	Clay below Ohio River Outwash Subsystem
		4/9/2018	409.98	26.15	383.83	
		9/6/2018	409.98	25.00	384.98	
		2/4/2019	409.98	25.18	384.80	
		3/1/2019	409.98	24.80	385.18	
		6/10/2019	409.98	24.30	385.68	
		9/16/2019	409.98	24.67	385.31	

Data Presented in Feet
Datum is Mean Sea Level

Table 1
Well Gauging Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Well	Screened Interval (Depth Ft.)	Date	Top of Casing	Depth To Water	Water Elevation	Geologic Regime
MW-9S	13-23'	9/6/2018	412.51	16.12	396.39	Ohio River Outwash Aquifer Subsystem (transitional from clay areas of Site)
		2/4/2019	412.51	14.60	397.91	
		3/1/2019	412.51	14.21	398.30	
		6/12/2019	412.51	14.18	398.33	
		6/10/2019	412.51	14.18	398.33	
		9/16/2019	412.51	16.03	396.48	
MW-9D	45-50'	9/6/2018	412.68	24.89	387.79	Clay below Ohio River Outwash Subsystem
		2/4/2019	412.68	25.65	387.03	
		3/1/2019	412.68	23.82	388.86	
		6/10/2019	412.68	23.53	389.15	
		9/16/2019	412.68	24.23	388.45	
MW-10S	25-35'	9/6/2018	412.77	29.08	383.69	Ohio River Outwash Aquifer Subsystem
		2/4/2019	412.77	29.23	383.54	
		3/1/2019	412.77	29.00	383.77	
		6/10/2019	412.77	28.25	384.52	
		9/16/2019	412.77	28.58	384.19	
MW-10D	43-48'	9/6/2018	412.48	28.83	383.65	Clay below Ohio River Outwash Subsystem
		2/4/2019	412.48	28.87	383.61	
		3/1/2019	412.48	28.73	383.75	
		6/10/2019	412.48	27.85	384.63	
		9/16/2019	412.48	28.30	384.18	
MW-11	25-35'	9/6/2018	399.71	25.80	373.91	Ohio River Outwash Aquifer Subsystem
		2/4/2019	399.71	24.72	374.99	
		3/1/2019	399.71	23.62	376.09	
		6/10/2019	399.71	21.51	378.20	
		9/16/2019	399.71	23.84	375.87	
MW-12	28-38'	9/6/2018	403.54	29.31	374.23	Ohio River Outwash Aquifer Subsystem
		2/4/2019	403.54	28.55	374.99	
		3/1/2019	403.54	27.50	376.04	
		6/10/2019	403.54	25.08	378.46	
		9/16/2019	403.54	27.38	376.16	
MW-13	24-34'	9/6/2018	410.94	32.57	378.37	Ohio River Outwash Aquifer Subsystem
		2/4/2019	410.94	32.58	378.36	
		3/1/2019	410.94	32.32	378.62	
		6/10/2019	410.94	30.66	380.28	
		9/16/2019	410.94	32.10	378.84	
MW-14	28-38'	9/6/2018	413.66	31.19	382.47	Ohio River Outwash Aquifer Subsystem
		2/4/2019	413.66	31.28	382.38	
		3/1/2019	413.66	31.19	382.47	
		6/10/2019	413.66	30.78	382.88	
		9/16/2019	413.66	31.11	382.55	
MW-15	14-24'	2/4/2019	410.26	4.44	405.82	Southeastern Fill Area of Site; Fill into Clay
		3/1/2019	410.26	3.70	406.56	
		6/10/2019	410.26	4.00	406.26	
		9/16/2019	410.26	5.37	404.89	
MW-16S	31-41'	2/4/2019	406.53	33.00	373.53	Ohio River Outwash Aquifer System
		3/1/2019	406.53	30.51	376.02	
		6/10/2019	406.53	31.84	374.69	
		9/16/2019	406.53	35.77	370.76	
MW-16I	50-60'	2/4/2019	406.54	33.02	373.52	Ohio River Outwash Aquifer System
		3/1/2019	406.54	30.49	376.05	
		6/10/2019	406.54	31.87	374.67	
		9/16/2019	406.54	35.79	370.75	
MW-16D	70-80'	2/4/2019	406.49	32.90	373.59	Ohio River Outwash Aquifer System
		3/1/2019	406.49	30.30	376.19	
		6/10/2019	406.49	31.84	374.65	
		9/16/2019	406.49	35.76	370.73	
MW-17S	31-41'	2/4/2019	406.29	32.88	373.41	Ohio River Outwash Aquifer System
		3/1/2019	406.29	30.21	376.08	
		6/10/2019	406.29	32.06	374.23	
		9/16/2019	406.29	36.19	370.10	
MW-17I	50-60'	2/4/2019	406.46	33.03	373.43	Ohio River Outwash Aquifer System
		3/1/2019	406.46	30.42	376.04	
		6/10/2019	406.46	32.24	374.22	
		9/16/2019	406.46	36.35	370.11	
MW-17D	65-75'	2/4/2019	406.48	33.03	373.45	Ohio River Outwash Aquifer System
		3/1/2019	406.48	30.33	376.15	
		6/10/2019	406.48	32.33	374.15	
		9/16/2019	406.48	36.43	370.05	
MW-18S	31-41'	2/4/2019	406.30	32.85	373.45	Ohio River Outwash Aquifer System
		3/1/2019	406.30	30.32	375.98	
		6/10/2019	406.30	32.04	374.26	
		9/16/2019	406.30	36.38	369.92	
MW-18I	50-60'	2/4/2019	406.47	33.15	373.32	Ohio River Outwash Aquifer System
		3/1/2019	406.47	30.91	375.56	
		6/10/2019	406.47	32.21	374.26	
		9/16/2019	406.47	36.54	369.93	

Data Presented in Feet
Datum is Mean Sea Level

Table 1
Well Gauging Data
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Well	Screened Interval (Depth Ft.)	Date	Top of Casing	Depth To Water	Water Elevation	Geologic Regime
MW-19S	31-41'	2/4/2019	404.55	30.80	373.75	Ohio River Outwash Aquifer System
		3/1/2019	404.55	25.67	378.88	
		6/10/2019	404.55	33.18	371.37	
		9/16/2019	404.55	37.59	366.96	
MW-19I	50-60'	2/4/2019	404.55	30.80	373.75	Ohio River Outwash Aquifer System
		3/1/2019	404.55	25.68	378.87	
		6/10/2019	404.55	33.21	371.34	
		9/16/2019	404.55	37.59	366.96	
MW-19D	66-76'	2/4/2019	404.56	30.88	373.68	Ohio River Outwash Aquifer System
		3/1/2019	404.56	25.50	379.06	
		6/10/2019	404.56	33.36	371.20	
		9/16/2019	404.56	37.66	366.90	
MW-20S	31-41'	2/4/2019	408.04	34.45	373.59	Ohio River Outwash Aquifer System
		3/1/2019	408.04	29.02	379.02	
		6/10/2019	408.04	37.64	370.40	
		9/16/2019	Water Below Screen			
MW-20I	50-60'	2/4/2019	407.93	34.38	373.55	Ohio River Outwash Aquifer System
		3/1/2019	407.93	28.92	379.01	
		6/10/2019	407.93	37.57	370.36	
		9/16/2019	407.93	42.03	365.90	
MW-20D	73-83'	2/4/2019	408.04	35.50	372.54	Ohio River Outwash Aquifer System
		3/1/2019	408.04	28.85	379.19	
		6/10/2019	408.04	37.81	370.23	
		9/16/2019	408.04	42.24	365.80	
MW-21S	31-41'	2/4/2019	405.59	31.72	373.87	Ohio River Outwash Aquifer System
		3/1/2019	405.59	25.77	379.82	
		6/10/2019	405.59	35.76	369.83	
		9/16/2019	405.59	40.48	365.11	
MW-21I	50-60'	2/4/2019	405.51	31.82	373.69	Ohio River Outwash Aquifer System
		3/1/2019	405.51	25.68	379.83	
		6/10/2019	405.51	35.66	369.85	
		9/16/2019	405.51	40.4	365.11	
MW-21D	70-80'	2/4/2019	405.50	32.85	372.65	Ohio River Outwash Aquifer System
		3/1/2019	405.50	25.60	379.90	
		6/10/2019	405.50	35.88	369.62	
		9/16/2019	405.50	40.54	364.96	

Data Presented in Feet
Datum is Mean Sea Level

Table 2
Results of the Analysis of Groundwater Samples from Monitoring Wells
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Residential Tap Water Screening Level	Residential Vapor Intrusion	MW-1								MW-2								MW-3							
			11/3/2011	8/1/2013	8/10/2017	11/15/2018	3/6/2019	6/10/2019	9/18/2019	11/3/2011	8/1/2013	8/10/2017	11/15/2018	3/6/2019	6/10/2019	9/18/2019	11/3/2011	8/1/2013	8/10/2017	11/15/2018	3/6/2019	6/10/2019	9/18/2019			
Acetone	14000	NA	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Benzene	5	28	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17.4	12.5	20.6	16.1	19.4	15.5	18			
Bromobenzene	62	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Bromochloromethane	83	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Bromodichloromethane	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Bromoform	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Bromomethane	7.5	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0			
2-Butanone (MEK)	5600	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0			
n-Butylbenzene	1000	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	1.3 J	<2.0	<2.0	<2.0	<2.0			
sec-Butylbenzene	2000	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	0.76 J	<2.0	<2.0	<2.0	<2.0			
tert-Butylbenzene	690	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0			
Carbon tetrachloride	5	6.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Chlorobenzene	100	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.97 J	<1.0	0.72 J	<1.0	<1.0			
Chloroethane	21000	NA	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0 ^a	<2.0	4.1	3.9	6.1	5.2	4.3	4.4			
Chloroform	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Chloromethane	190	NA	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0			
o-Chlorotoluene	240	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0			
p-Chlorotoluene	250	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0			
1,2-Dibromo-3-chloropropane	0.2	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0 ^a	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0			
Dibromochloromethane	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
1,2-Dibromoethane	0.05	NA	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0			
1,2-Dichlorobenzene	600	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
1,3-Dichlorobenzene	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
1,4-Dichlorobenzene	75	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Dichlorodifluoromethane	200	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 ^b	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 ^c	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 ^d			
1,1,1-Dichloroethane	27	130	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.5	1.1	1.7	1.3	1.7	1.5	1.4			
1,2-Dichloroethane	5	50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
1,1-Dichloroethene	7	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
cis-1,2-Dichloroethene	70	NA	5.3	4.4	0.54 J	0.74 J	1.9	2.2	3.3	4.6	2.3	1.4	1.6	1.3	1.5	5.3	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0			
trans-1,2-Dichloroethene	100	NA	<1.0	<1.0	0.46 J	<1.0	<1.0	<1.0	0.63 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
1,2-Dichloropropane	5	NA	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0			
1,3-Dichloropropane	370	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0			
2,2-Dichloropropane	NA	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 ^b	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0			
1,1-Dichloropropene	NA	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0			
cis-1,3-Dichloropropene	NA	NA	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0			
trans-1,3-Dichloropropene	NA	NA	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0			
Ethylbenzene	700	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	444	55.4	245	80.5	60.7	62.2	81.4			
Hexachlorobutadiene	3	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0 ^b			
Isopropylbenzene	450	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	13.9	3.8 J	9.9	4.6	8.4	4.6	4.9			
p-Isopropyltoluene	NA	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	0.41 J	<2.0	<2.0	<2.0	<2.0			
Methyl Tert Butyl Ether	140	NA	<1.0	<1.0	0.54 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	1	0.54 J	1	0.75 J	1			
4-Methyl-2-pentanone(MIBK)	1200	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0			
Methylene bromide	8	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Methylene chloride	5	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0			
Naphthalene	1.7	110	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.6	<5.0	7	<5.0	3.5 J	2.1 J	2.8 J			
n-Propylbenzene	660	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	12	3.1 J	10.7	4.5	9	4.2	5			
Styrene	100	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0			
1,1,1,2-Tetrachloroethane	5.7	NA	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
1,1,2,2-Tetrachloroethane	0.76	72	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0			
Tetrachloroethene	5	110	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			
Toluene	1000	NA	0.61 J	0.49 J	<1.0	<1.0	<1.0	<1.0	<1																	

Results in micrograms per liter

*2018 Remediation Closure Guide Screening Levels

NA=Not Available

Bold Font Indicates detected Analyte

Shaded Cell Indicates Tap Water Screening Level Exceedance

See Explanation Page for Laboratory Flags

Table 2
Results of the Analysis of Groundwater Samples from Monitoring Wells
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Residential Tap Water Screening Level	Residential Vapor Intrusion	MW-4								MW-SS					MW-SD				
			11/3/2011	8/1/2013	8/10/2017	11/15/2018	3/7/2019	6/10/2019	9/16/2019	8/9/2017	11/14/2018	3/7/2019	6/12/2019	9/17/2019	8/9/2017	11/14/2018	3/7/2019	6/12/2019	9/17/2019	
Acetone	14000	NA	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Benzene	5	28	<0.50	<0.50	0.32 J	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
Bromobenzene	62	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Bromochloromethane	83	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Bromodichloromethane	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Bromoform	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Bromomethane	7.5	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
2-Butanone (MEK)	5600	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
n-Butylbenzene	1000	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
sec-Butylbenzene	2000	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
tert-Butylbenzene	690	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Carbon tetrachloride	5	6.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Chlorobenzene	100	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Chloroethane	21000	NA	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0 ^a	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Chloroform	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.43 J	0.91 J	0.81 J	1.1	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	
Chloromethane	190	NA	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
o-Chlorotoluene	240	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
p-Chlorotoluene	250	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
1,2-Dibromo-3-chloropropane	0.2	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0 ^a	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Dibromochloromethane	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2-Dibromomethane	0.05	NA	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2-Dichlorobenzene	600	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,3-Dichlorobenzene	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,4-Dichlorobenzene	75	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Dichlorodifluoromethane	200	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 ^a	<2.0	<2.0	<2.0	<2.0	<2.0 ^b	<2.0	<2.0	<2.0 ^b	<2.0 ^b	<2.0 ^b	
1,1-Dichloroethane	27	130	<1.0	0.84 J	0.38 J	<1.0	<1.0	<1.0	<1.0	0.29 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2-Dichloroethane	5	50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,1-Dichloroethene	7	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.64 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
cis-1,2-Dichloroethene	70	NA	162	148	46.1	94.6	65.8	48.4	14	165	40.3	15.3	22	20.7	1.8	0.61 J	<1.0	<1.0	<1.0	
trans-1,2-Dichloroethene	100	NA	<1.0	1.2	0.43 J	1.2	<1.0	<1.0	<1.0	5.2	1.5	0.58 J	1.3	0.95 J	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2-Dichloropropane	5	NA	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,3-Dichloropropane	370	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2,2-Dichloropropane	NA	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,1-Dichloropropene	NA	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
cis-1,3-Dichloropropene	NA	NA	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
trans-1,3-Dichloropropene	NA	NA	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Ethylbenzene	700	NA	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Hexachlorobutadiene	3	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Isopropylbenzene	450	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
p-Isopropyltoluene	NA	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Methyl Tert Butyl Ether	140	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
4-Methyl-2-pentanone(MIBK)	1200	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Methylene bromide	8	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Methylene chloride	5	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Naphthalene	1.7	110	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
n-Propylbenzene	660	NA	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Styrene	100	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,1,1,2-Tetrachloroethane	5.7	NA	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,1,2,2-Tetrachloroethane	0.76	72	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Tetrachloroethene	5	110	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1	4.2	2.4	2.2	3.4	<1.0	<1.0	<1.0	<1.0	<1.0	
Toluene	1000	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2,3-Trichlorobenzene	7	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2,4-Trichlorobenzene	70	NA	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0 ^a	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,1,1-Trichloroethane	200	13000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 ^a	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,1,2-Trichloroethane	5	11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.69 J	2.1	0.94 J	1.6	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	
Trichloroethene	5	9.1	3	1.1	0.29 J	1.4	1.4	<1.0	<1.0	198	589	315	333	515	1.3	0.81 J	<1.0	1.8	<1.0	
Trichlorofluoromethane	1100	NA	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 ^b	<2.0	<2.0	
1,2,3-Trichloropropane	0.0075	NA	<5.0	<5.0	&															

Table 2
Results of the Analysis of Groundwater Samples from Monitoring Wells
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Residential Tap Water Screening Level	Residential Vapor Intrusion	MW-6S					MW-6D					MW-7					MW-8S				
			8/9/2017	11/14/2018	3/7/2019	6/10/2019	9/17/2019	8/9/2017	11/14/2018	3/7/2019	6/10/2019	9/17/2019	8/9/2017	11/15/2018	3/6/2019	6/10/2019	9/18/2019	8/9/2017	11/14/2018	3/7/2019	6/10/2019	9/17/2019
Acetone	14000	NA	<500	<50	<250	<50	<50	<20	<10	<10	<10	<10	<10	<20	<10	<25	<50	<10	<10	<10	<10	<10
Benzene	5	28	<25	<2.5	<13	<2.5	<2.5	<1.0	<0.50	<0.50	<0.50	<0.50	<2.5	<1.0	<0.50	<1.3	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50
Bromobenzene	62	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	83	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	80	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0
Bromoforn	80	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	7.5	NA	<100	<10	<50	<10	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<10	<4.0	<2.0	<5.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
2-Butanone (MEK)	5600	NA	<500	<50	<250	<50	<50	<20	<10	<10	<10	<10	<50	<20	<10	<25	<50	<10	<10	<10	<10	<10
n-Butylbenzene	1000	NA	<100	<10	<50	<10	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<10	<4.0	<2.0	<5.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
sec-Butylbenzene	2000	NA	<100	<10	<50	<10	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<10	<4.0	<2.0	<5.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
tert-Butylbenzene	690	NA	<100	<10	<50	<10	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<10	<4.0	<2.0	<5.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Carbon tetrachloride	5	6.5	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	100	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	21000	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	80	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	190	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
o-Chlorotoluene	240	NA	<100	<10	<50	<10	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<10	<4.0	<2.0	<5.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
p-Chlorotoluene	250	NA	<100	<10	<50	<10	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<10	<4.0	<2.0	<5.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dibromo-3-chloropropane	0.2	NA	<100	<10	<50	<10	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<10	<4.0	<2.0	<5.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Dibromochloromethane	80	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromoethane	0.05	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	600	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	NA	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	75	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane	200	NA	<100	<10	<50	<10	<10 ^b	<4.0	<2.0	<2.0	<2.0	<2.0 ^b	<10	<4.0	<2.0	<5.0 ^b	<10	<2.0	<2.0	<2.0	<2.0	<2.0 ^b
1,1-Dichloroethane	27	130	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	50	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	300	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	NA	21600	3420	4380	842	1280	1140	5.1	2.8	3.8	4.3	399	384	299	573	667	33.6	14.3	16.2	21.2	27.4
trans-1,2-Dichloroethene	100	NA	109	32.7	27.3	8.9	14.4	10.5	<1.0	<1.0	<1.0	<1.0	2.9 J	2.2	1.9	3.2	4.0 J	0.78 J	0.65 J	0.55 J	<1.0	0.81 J
1,2-Dichloropropane	5	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	370	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	NA	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	NA	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	NA	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	NA	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	700	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachlorobutadiene	3	NA	<100	<10	<50	<10	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<10	<4.0	<2.0	<5.0	<10 ^a	<2.0	<2.0	<2.0	<2.0	<2.0
Isopropylbenzene	450	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	NA	NA	<100	<10	<50	<10	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<10	<4.0	<2.0	<5.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Methyl Tert Butyl Ether	140	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Methyl-2-pentanone(MIBK)	1200	NA	<250	<25	<130	<25	<25	<10	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<13	<25	<5.0	<5.0	<5.0	<5.0	<5.0
Methylene bromide	8	NA	<50	<5.0	<25	<5.0	<5.0	<2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<2.0	<1.0	<2.5	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene chloride	5	NA	<100	<10	<50	<10	<10	<4.0	<2.0	<2.0	<2.0	<2.0	<10	<4.0	<2.0	<5.0	<10	<2.0	<2.0	<2.0	<2.0	<2.0
Naphthalene	1.7	110	<250	<25	<130	<25	<25	<10	<5.0	<5.0	<5.0	<5.0	<25	<10	<5.0	<13	<25	<5.0	<5.0	<5.0	<5.0	<5.0

Results in micrograms per liter
 *2018 Remediation Closure Guide Screening Levels
 NA=Not Available
 Bold Font Indicates detected Analyte
 Shaded Cell Indicates Tap Water Screening Level Exceedance
 See Explanation Page for Laboratory Flags

Page 4 of 8

Table 2
Results of the Analysis of Groundwater Samples from Monitoring Wells
GE Tell City Facility
1412 13th Street, Tell City, Indiana

[illegible]

Results in micrograms per liter

*2018 Remediation Closure Guide Screening Levels

NA=Not Available

Bold Font Indicates detected Analyte

Shaded Cell Indicates Tap Water Screening Level Exceedance

See Explanation Page for Laboratory Flags

Table 2
Results of the Analysis of Groundwater Samples from Monitoring Wells
GE Tell City Facility
1412 13th Street, Tell City, Indiana

[illegible]

Results in micrograms per liter

*2018 Remediation Closure Guide Screening Levels

NA=Not Available

Bold Font Indicates detected Analyte

Shaded Cell Indicates Tap Water Screening Level Exceedance

See Explanation Page for Laboratory Flags

Table 2
Results of the Analysis of Groundwater Samples from Monitoring Wells
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Residential Tap Water Screening Level	Residential Vapor Intrusion	MW-19S			MW-19I			MW-19D			MW-20S			MW-20I			MW-20D			MW-21S			MW-21I		
			3/5/2019	6/11/2019	9/17/2019	3/5/2019	6/11/2019	9/17/2019	3/5/2019	6/11/2019	9/17/2019	3/5/2019	6/11/2019	9/17/2019	3/5/2019	6/11/2019	9/17/2019	3/5/2019	6/11/2019	9/17/2019	3/5/2019	6/11/2019	9/17/2019	3/5/2019	6/11/2019	9/17/2019
Acetone	14000	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Benzene	5	28	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.45 J	<10	<10	1.1	<10	<0.50	<0.50	<0.50	<0.50	0.5	<0.50	<0.50	<0.50	
Bromobenzene	62	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Bromochloromethane	83	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Bromodichloromethane	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Bromoform	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Bromomethane	7.5	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
2-Butanone (MEK)	5600	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
n-Butylbenzene	1000	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
sec-Butylbenzene	2000	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
tert-Butylbenzene	690	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Carbon tetrachloride	5	6.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Chlorobenzene	100	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Chloroethane	21000	NA	<1.0	<1.0	<1.0 ^a	<1.0	<1.0	<1.0 ^a	<1.0	<1.0	<1.0 ^a	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Chloroform	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Chloromethane	190	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
o-Chlorotoluene	240	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
p-Chlorotoluene	250	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
1,2-Dibromo-3-chloropropane	0.2	NA	<2.0	<2.0	<2.0 ^a	<2.0	<2.0	<2.0 ^a	<2.0	<2.0	<2.0 ^a	<2.0	<2.0 ^a	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Dibromochloromethane	80	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2-Dibromoethane	0.05	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2-Dichlorobenzene	600	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,3-Dichlorobenzene	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,4-Dichlorobenzene	75	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Dichlorodifluoromethane	200	NA	<2.0	<2.0	<2.0 ^a	<2.0	<2.0	<2.0 ^a	<2.0	<2.0	<2.0 ^a	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 ^b	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0 ^b	<2.0 ^b	
1,1-Dichloroethane	27	130	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2-Dichloroethane	5	50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,1,1-Dichloroethene	7	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
cis-1,2-Dichloroethene	70	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
trans-1,2-Dichloroethene	100	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,2-Dichloropropane	5	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
1,3-Dichloropropane	370	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2,2-Dichloropropane	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 ^b	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0 ^b	<1.0 ^b	
1,1-Dichloropropene	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
cis-1,3-Dichloropropene	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
trans-1,3-Dichloropropene	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Ethylbenzene	700	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Hexachlorobutadiene	3	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Isopropylbenzene	450	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
p-Isopropyltoluene	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Methyl Tert Butyl Ether	140	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
4-Methyl-2-pentanone(MIBK)	1200	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Methylene bromide	8	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Methylene chloride	5	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	
Naphthalene	1.7	110	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
n-Propylbenzene	660	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0								

Results in micrograms per liter

*2018 Remediation Closure Guide Screening Levels

NA=Not Available

Bold Font Indicates detected Analyte

Shaded Cell Indicates Tap Water Screening Level Exceedance

See Explanation Page for Laboratory Flags

Table 2
Results of the Analysis of Groundwater Samples from Monitoring Wells
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Residential Tap Water Screening Level	Residential Vapor Intrusion	MW-21D		
			3/5/2019	6/11/2019	9/17/2019
Acetone	14000	NA	<10	<10	<10
Benzene	5	28	<0.50	<0.50	<0.50
Bromobenzene	62	NA	<1.0	<1.0	<1.0
Bromochloromethane	83	NA	<1.0	<1.0	<1.0
Bromodichloromethane	80	NA	<1.0	<1.0	<1.0
Bromoforn	80	NA	<1.0	<1.0	<1.0
Bromomethane	7.5	NA	<2.0	<2.0	<2.0
2-Butanone (MEK)	5600	NA	<10	<10	<10
n-Butylbenzene	1000	NA	<2.0	<2.0	<2.0
sec-Butylbenzene	2000	NA	<2.0	<2.0	<2.0
tert-Butylbenzene	690	NA	<2.0	<2.0	<2.0
Carbon tetrachloride	5	6.5	<1.0	<1.0	<1.0
Chlorobenzene	100	NA	<1.0	<1.0	<1.0
Chloroethane	21000	NA	<1.0	<1.0	<1.0
Chloroform	80	NA	<1.0	<1.0	<1.0
Chloromethane	190	NA	<1.0	<1.0	<1.0
o-Chlorotoluene	240	NA	<2.0	<2.0	<2.0
p-Chlorotoluene	250	NA	<2.0	<2.0	<2.0
1,2-Dibromo-3-chloropropane	0.2	NA	<2.0	<2.0	<2.0
Dibromochloromethane	80	NA	<1.0	<1.0	<1.0
1,2-Dibromoethane	0.05	NA	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	600	NA	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	NA	NA	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	75	NA	<1.0	<1.0	<1.0
Dichlorodifluoromethane	200	NA	<2.0	<2.0	<2.0 ^b
1,1-Dichloroethane	27	130	<1.0	<1.0	<1.0
1,2-Dichloroethane	5	50	<1.0	<1.0	<1.0
1,1-Dichloroethene	7	300	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	70	NA	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	100	NA	<1.0	<1.0	<1.0
1,2-Dichloropropane	5	NA	<1.0	<1.0	<1.0
1,3-Dichloropropane	370	NA	<1.0	<1.0	<1.0
2,2-Dichloropropane	NA	NA	<1.0	<1.0	<1.0 ^b
1,1-Dichloropropene	NA	NA	<1.0	<1.0	<1.0
cis-1,3-Dichloropropene	NA	NA	<1.0	<1.0	<1.0
trans-1,3-Dichloropropene	NA	NA	<1.0	<1.0	<1.0
Ethylbenzene	700	NA	<1.0	<1.0	<1.0
Hexachlorobutadiene	3	NA	<2.0	<2.0	<2.0
Isopropylbenzene	450	NA	<1.0	<1.0	<1.0
p-Isopropyltoluene	NA	NA	<2.0	<2.0	<2.0
Methyl Tert Butyl Ether	140	NA	<1.0	<1.0	<1.0
4-Methyl-2-pentanone(MIBK)	1200	NA	<5.0	<5.0	<5.0
Methylene bromide	8	NA	<1.0	<1.0	<1.0
Methylene chloride	5	NA	<2.0	<2.0	<2.0
Naphthalene	1.7	110	<5.0	<5.0	<5.0
n-Propylbenzene	660	NA	<2.0	<2.0	<2.0
Styrene	100	NA	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	5.7	NA	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	0.76	72	<1.0	<1.0	<1.0
Tetrachloroethene	5	110	<1.0	<1.0	<1.0
Toluene	1000	NA	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	7	NA	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	70	NA	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	200	13000	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	5	11	<1.0	<1.0	<1.0
Trichloroethene	5	9.1	<1.0	<1.0	<1.0
Trichlorofluoromethane	1100	NA	<2.0	<2.0	<2.0
1,2,3-Trichloropropane	0.0075	NA	<2.0	<2.0	<2.0
1,2,4-Trimethylbenzene	15	NA	<2.0	<2.0	<2.0
1,3,5-Trimethylbenzene	120	NA	<2.0	<2.0	<2.0
Vinyl chloride	2	2.1	<1.0	<1.0	<1.0
m,p-Xylene	190	NA	<1.0	<1.0	<1.0
o-Xylene	190	NA	<1.0	<1.0	<1.0
Xylene (total)	10000	NA	<1.0	<1.0	<1.0

Results in micrograms per liter
 *2018 Remediation Closure Guide Screening Levels
 NA=Not Available
 Bold Font Indicates detected Analyte
 Shaded Cell Indicates Tap Water Screening Level Exceedance
 See Explanation Page for Laboratory Flags

Table 3
City Well Analytical Results
GE Tell City Facility
1412 13th Street, Tell City, Indiana

[illegible]

* 2018 Remediation Closure Guide Screening Level
Arcadis Split Sample
Results in micrograms per liter (ug/l)
Bold Font Indicates Detected Analyte

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide				B1	B2	B3	B4	B5	B6	HA-6		HA-7		HA-8		HA-9		HA-10		HA-11		HA-12		HA-13		HA-14	
	Direct Contact				4	4	4	4	4	4	0-0.5	0-0.5	0-1	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	3-5.4
	Residential	Industrial	Construction	Groundwater	10/24/2017	10/24/2017	10/24/2017	10/24/2017	10/24/2017	10/24/2017	7/15/2013	7/15/2013	7/15/2013	7/15/2013	7/15/2013	7/15/2013	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017	10/26/2017
1,1,1,2-Tetrachloroethane	28	88	680	0.043	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
1,1,1-Trichloroethane	640	640	640	1.4	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
1,1,2,2-Tetrachloroethane	67	1907	1907	0.0059	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
1,1,2-Trichloroethane	21	6.3	35	0.032	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
1,1-Dichloroethane	50	160	1700	0.16	<0.0018	<0.0019	<0.0012	<0.0010	<0.0011	<0.0012	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0011	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
1,1-Chloroethene	320	1000	1200	0.05	<0.0018	<0.0019	<0.0012	<0.0010	<0.0011	<0.0012	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0011	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
1,1-Dichloropropane	NS	NS	NS	NS	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
1,2-Dichlorobenzene	80	1600	1600	0.42	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
1,2,3-Trichloropropene	0.071	1.1	46	0.000065	<0.0088	<0.0093	<0.0061	<0.0050	<0.0053	<0.0058	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0057	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058
1,2,4-Trimethylbenzene	81	260	40	4.1	<0.0088	<0.0093	<0.0061	<0.0050	<0.0053	<0.0058	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0057	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058
1,2,4-Trimethylbenzene	220	220	220	1.8	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
trans-1,2-Dichloroethene	0.64	85	0.017	0.00003	<0.0018	<0.0019	<0.0012	<0.0010	<0.0011	<0.0012	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0011	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
1,2-Dibromobenzene	0.5	1.6	180	0.00028	<0.0018	<0.0019	<0.0012	<0.0010	<0.0011	<0.0012	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0011	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
1,2-Dichlorobenzene	380	380	380	12	<0.0018	<0.0019	<0.0012	<0.0010	<0.0011	<0.0012	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0011	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
1,2-Dichloropropane	6.4	20	730	0.028	<0.0018	<0.0019	<0.0012	<0.0010	<0.0011	<0.0012	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0011	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
1,2-Dichloropropane	22	66	360	0.033	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
1,3-Dimethylbenzene	80	180	170	0.037	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
1,3-Dichlorobenzene	NS	NS	NS	NS	<0.0018	<0.0019	<0.0012	<0.0010	<0.0011	<0.0012	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0011	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
1,3-Dichloropropane	1500	1500	1500	2.6	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
1,4-Dichlorobenzene	140	110	16000	1.4	<0.0018	<0.0019	<0.0012	<0.0010	<0.0011	<0.0012	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0011	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012	<0.0012
2-Chlorobenzene	NS	NS	NS	NS	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
2-Substituted (MCA)	3600	2800	26000	23	<0.0018	<0.0019	<0.0012	<0.0010	<0.0011	<0.0012	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
2-Chlorotoluene	910	910	910	4.7	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
4-Chlorotoluene	250	250	250	4.8	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
4-Methyl-2-Pentanol	3400	3400	3400	28	<0.0088	<0.0093	<0.0061	<0.0050	<0.0053	<0.0058	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0057	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058
Benzene	100000	100000	57	0.143	<0.0113	<0.0113	<0.0073	<0.0053	<0.0053	<0.0058	1.2	<1.24	<0.014	<0.014	<0.016	<0.016	<0.016	<0.0057	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058
Benzene	51	1800	0.051	<0.00038	<0.00035	<0.00035	<0.00061	<0.00050	<0.00053	<0.00058	0.058	<0.059	<0.00056	<0.00041	<0.00083	<0.00074	<0.00078	<0.00057	<0.00062	<0.00058	<0.00062	<0.00058	<0.00062	<0.00058	<0.00062	<0.00058	<0.00062	<0.00058
Bromobenzene	410	680	680	0.84	<0.0088	<0.0093	<0.0061	<0.0050	<0.0053	<0.0058	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0057	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058
Bromochlorobenzene	210	330	3500	0.41	<0.0088	<0.0093	<0.0061	<0.0050	<0.0053	<0.0058	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0057	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058
Bromodichlorobenzene	41	13	930	0.43	<0.0035	<0.0037	<0.0024	<0.0020	<0.0021	<0.0023	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0023	<0.0025	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023
Bromodichlorobenzene	210	330	3500	0.41	<0.0088	<0.0093	<0.0061	<0.0050	<0.0053	<0.0058	0.58	<0.59	<0.0086	<0.0072	<0.0083	<0.0074	<0.0078	<0.0057	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058
Bromobenzene	9.5	30	160	0.038	<0.0088	<0.0093	<0.0061	<0.0050	<0.0053	<0.0058	0.23	<0.24	<0.0034	<0.0029	<0.0033	<0.0029	<0.0031	<0.0057	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058	<0.0062	<0.0058
Carbon Disulfide	740	740	740	48	NA	NA	NA	NA	NA	NA	0.58	<0.59	<0.0043	<0.00089	<0.0083	<0.0074	<0.0033	<0.0029	<0.0033									

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*			Migration to Groundwater	HA-15		HA-16		HA-17		P-13		P-14		P-15		P-16		P-17		P-18	
	Residential	Industrial	Construction		0-0.5 3/1/2019	3.5-4 3/1/2019	0-0.5 4/1/2019	1-1.5 4/1/2019	0-0.5 4/10/2019	3-3.5 4/10/2019	4-5.5 4/10/2019	15-16 8/1/2013	4-5.5 8/1/2013	15-16 8/1/2013	4-5.5 8/1/2013	15-16 8/1/2013	15-2 8/1/2013	15-16 8/1/2013	0.5-1 8/1/2013	0.5-1 8/1/2013	15-16 8/1/2013	2-4 8/1/2013
1,1,1,2-tetrachloroethane	28	88	680	0.043	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
1,1,1-Trichloroethane	640	640	640	1.4	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
1,1,2-Trichloroethane	2.1	6.3	35	0.032	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
1,1-Dichloroethane	50	160	1700	0.16	< 0.0013	< 0.0013	< 0.0015	< 0.0013	< 0.0013	< 0.0011	< 0.0024	< 0.0022	< 0.2	< 0.0021	< 0.21	< 0.28	< 2.4	< 0.29	< 0.34	< 0.33	< 0.0022	< 0.0019
1,1-Dichloroethene	320	1000	1200	0.05	< 0.0013	< 0.0013	< 0.0015	< 0.0013	< 0.0013	< 0.0011	< 0.0024	< 0.0022	< 0.2	< 0.0021	< 0.21	< 0.28	< 2.4	< 0.29	< 0.34	< 0.33	< 0.0022	< 0.0019
1,1-Dichloropropene	NS	NS	NS	NS	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
1,2,3-Trichlorobenzene	88	930	1600	0.42	< 0.0064	< 0.0064	< 0.0073	< 0.0063	< 0.0067	< 0.0057	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
1,2,4-Trichlorobenzene	0.071	1.1	46	0.00065	< 0.0064	< 0.0064	< 0.0073	< 0.0063	< 0.0067	< 0.0057	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
1,2,4-Trimethylbenzene	81	260	400	4.1	< 0.0064	< 0.0064	< 0.0073	< 0.0063	< 0.0067	< 0.0057	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
1,2-Dibromobenzene	0.5	1.6	180	0.0028	< 0.0013	< 0.0013	< 0.0015	< 0.0013	< 0.0013	< 0.0011	< 0.0024	< 0.0022	< 0.2	< 0.0021	< 0.21	< 0.28	< 2.4	< 0.29	< 0.34	< 0.33	< 0.0022	< 0.0019
1,2-Dichlorobenzene	380	380	380	12	< 0.0013	< 0.0013	< 0.0015	< 0.0013	< 0.0013	< 0.0011	< 0.0024	< 0.0022	< 0.2	< 0.0021	< 0.21	< 0.28	< 2.4	< 0.29	< 0.34	< 0.33	0.00051 J	< 0.0019
1,2-Dichloropropene	6.4	20	730	0.028	< 0.0013	< 0.0013	< 0.0015	< 0.0013	< 0.0013	< 0.0011	< 0.0024	< 0.0022	< 0.2	< 0.0021	< 0.21	< 0.28	< 2.4	< 0.29	< 0.34	< 0.33	< 0.0022	< 0.0019
1,3,5-Trimethylbenzene	22	66	360	0.033	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	1.68	0.143 J	< 5.9	0.186 J	1.7	2.01	0.00021 J	< 0.0047
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.0013	< 0.0013	< 0.0015	< 0.0013	< 0.0013	< 0.0011	< 0.0024	< 0.0022	< 0.2	< 0.0021	< 0.21	< 0.28	< 2.4	< 0.29	< 0.34	< 0.33	< 0.0022	< 0.0019
1,3-Dichloropropene	1500	1500	1500	2.6	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.0013	< 0.0013	< 0.0015	< 0.0013	< 0.0013	< 0.0011	< 0.0024	< 0.0022	< 0.2	< 0.0021	< 0.21	< 0.28	< 2.4	< 0.29	< 0.34	< 0.33	0.00052 J	0.00045 J
2,2-Dichloropropane	NS	NS	NS	NS	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
2-Butanone (MEK)	28000	28000	28000	23	< 0.013	< 0.013	< 0.015	< 0.013	< 0.013	< 0.011	0.0139	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
2-Chlorotoluene	910	910	910	4.7	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
4-Chlorotoluene	250	250	250	4.8	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
4-Methyl-2-Pentanone	3400	3400	3400	28	< 0.0064	< 0.0064	< 0.0073	< 0.0063	< 0.0067	< 0.0057	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Acetone	85000	100000	100000	57	< 0.013	0.0407	0.0668	< 0.013	0.0567	< 0.011	0.0705	0.0093 J	< 0.98	0.0179	< 1.1	< 1.4	< 1.5	< 1.7	< 1.6	0.0157	< 0.0094	0.0178
Benzene	17	51	1800	0.051	< 0.0064	< 0.0064	< 0.0073	< 0.0063	< 0.0067	< 0.0057	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Bromobenzene	410	680	680	0.84	< 0.0064	< 0.0064	< 0.0073	< 0.0063	< 0.0067	< 0.0057	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Bromochloromethane	210	630	3500	0.41	< 0.0064	< 0.0064	< 0.0073	< 0.0063	< 0.0067	< 0.0057	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Bromodichloromethane	4.1	13	930	0.43	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Bromofluoromethane	270	860	920	0.42	< 0.0064	< 0.0064	< 0.0073	< 0.0063	< 0.0067	< 0.0057	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Bromomethane	9.5	30	160	0.038	< 0.0064	< 0.0064	< 0.0073	< 0.0063	< 0.0067	< 0.0057	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Carbon Tetrachloride	9.1	29	460	0.039	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
CFC-11	1200	1200	1200	66	< 0.0064	< 0.0064	< 0.0073	< 0.0063	< 0.0067	< 0.0057	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Chlorobenzene	380	760	760	1.4	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Chlorodibromomethane	120	390	800	0.43	< 0.0026	< 0.0025	< 0.0029	< 0.0025	< 0.0027	< 0.0023	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Chloroethane	2100	2100	2100	120	< 0.0064	< 0.0064	< 0.0073	< 0.0063	< 0.0067	< 0.0057	< 0.0060	< 0.0054	< 0.49	< 0.0054	< 0.54	< 0.7	< 5.9	< 0.73	< 0.86	< 0.82	< 0.0056	< 0.0047
Chloroform	4.5	14	1900	0.44	<																	

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*			Migration to Groundwater	P-22		P-23		P-24		P-25		P-27		P-28		AB-1	
	Residential	Direct Contact Industrial	Construction		2+ 10/1/2017	10-12 10/1/2017	2+ 10/1/2017	10-12 10/1/2017	2+ 10/1/2017	10-12 10/1/2017	2+ 10/1/2017	10-12 10/1/2017	2+ 10/1/2017	10-12 10/1/2017	2+ 10/1/2017	10-12 10/1/2017	2+ 10/1/2017	10-12 10/1/2017
1,1,1,2-Tetrachloroethane	28	88	680	0.043	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
1,1,1-Trichloroethane	640	640	640	1.4	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
1,1,2-Trichloroethane	2.1	6.3	35	0.032	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
1,1-Dichloroethane	50	160	1700	0.16	< 0.0012	< 0.0013	< 0.001	< 0.0012	< 0.0014	< 0.0011	< 0.0013	< 0.0011	< 0.0012	< 0.00086	< 0.0010	< 0.0011	< 0.00097	< 0.00091
1,1-Dichloroethene	320	1000	1200	0.05	< 0.0012	< 0.0013	< 0.001	0.0025	< 0.0014	< 0.0011	< 0.0013	< 0.0011	< 0.0012	< 0.00086	< 0.0010	< 0.0011	< 0.00097	< 0.00091
1,1-Dichloropropene	NS	NS	NS	NS	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
1,2,3-Trichlorobenzene	88	930	1600	0.42	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
1,2,4-Trichlorobenzene	0.071	1.1	46	0.000065	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
1,2,4-Trimethylbenzene	81	260	400	4.1	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
1,2-Dibromo-3-chloropropane	220	220	220	1.6	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
1,2-Dibromomethane	0.074	0.64	86	0.0017	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
1,2-Dichlorobenzene	0.5	1.6	180	0.00028	< 0.0012	< 0.0013	< 0.001	< 0.0012	< 0.0014	< 0.0011	< 0.0013	< 0.0011	< 0.0012	< 0.00086	< 0.0010	< 0.0011	< 0.00097	< 0.00091
1,2-Dichlorobenzene	380	380	380	12	< 0.0012	< 0.0013	< 0.001	< 0.0012	< 0.0014	< 0.0011	< 0.0013	< 0.0011	< 0.0012	< 0.00086	< 0.0010	< 0.0011	< 0.00097	< 0.00091
1,2-Dichloroethane	6.4	20	730	0.028	< 0.0012	< 0.0013	< 0.001	< 0.0012	< 0.0014	< 0.0011	< 0.0013	< 0.0011	< 0.0012	< 0.00086	< 0.0010	< 0.0011	< 0.00097	< 0.00091
1,2-Dichloropropene	22	66	360	0.033	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.0012	< 0.0013	< 0.001	< 0.0012	< 0.0014	< 0.0011	< 0.0013	< 0.0011	< 0.0012	< 0.00086	< 0.0010	< 0.0011	< 0.00097	< 0.00091
1,3-Dichloropropene	1500	1500	1500	2.6	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.0012	< 0.0013	< 0.001	< 0.0012	< 0.0014	< 0.0011	< 0.0013	< 0.0011	< 0.0012	< 0.00086	< 0.0010	< 0.0011	< 0.00097	< 0.00091
2,2-Dichloropropane	NS	NS	NS	NS	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
2-Butanone (MEK)	28000	28000	28000	23	< 0.012	< 0.013	< 0.01	< 0.012	< 0.014	< 0.011	< 0.013	< 0.011	< 0.012	< 0.0086	< 0.01	< 0.011	< 0.0097	< 0.0091
4-Chlorotoluene	910	910	910	4.7	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
4-Chlorotoluene	250	250	250	4.8	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
4-Methyl-2-Pentanone	3400	3400	3400	28	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
Acetone	85000	100000	100000	57	< 0.012	< 0.013	< 0.01	0.0126	< 0.014	< 0.011	< 0.013	0.0115	0.0108 J	< 0.0086	0.0682	0.0925	< 0.011	0.0127
Benzene	17	51	1800	0.051	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
Bromobenzene	410	680	680	0.84	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
Bromochloromethane	210	630	3500	0.41	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
Bromodichloromethane	4.1	13	930	0.43	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
Bromoform	270	860	920	0.42	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
Bromomethane	9.5	30	160	0.038	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	9.1	29	460	0.039	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
CF-11	1200	1200	1200	66	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
CF-12	120	370	850	6	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
Chlorobenzene	380	760	760	1.4	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
Chlorodibromomethane	120	390	800	0.43	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
Chloroethane	2100	2100	2100	120	< 0.0059	< 0.0065	< 0.0052	0.0041 J	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
Chloroform	4.5	14	1900	0.44	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
Chloromethane	150	460	1300	0.98	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
cis-1,2-Dichloroethane	220	2300	2400	0.41	< 0.0012	< 0.0013	< 0.001	0.218	< 0.0014	< 0.0011	< 0.0013	< 0.0011	< 0.0012	0.0048	0.115	0.0931	< 0.0011	0.0007
cis-1,3-Dichloropropene	NS	NS	NS	NS	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
Cymene (p-Isopropyltoluene)	NS	NS	NS	NS	< 0.0023	< 0.0026	< 0.0021	< 0.0023	< 0.0028	< 0.0021	< 0.0027	< 0.0023	< 0.0023	< 0.0017	< 0.0020	< 0.0021	< 0.0022	< 0.0019
Dibromomethane	34	99	550	0.041	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
Dichloromethane	490	3200	3300	0.25	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053	< 0.0056	< 0.0049
Ethylbenzene	81	250	480	16	< 0.0012	< 0.0013	< 0.001	< 0.0012	< 0.0014	< 0.0011	< 0.0013	< 0.0011	< 0.0012	< 0.00086	< 0.0010	< 0.0011	< 0.00097	< 0.00091
Hexachloro-1,3-butadiene	17	17	17	0.054	< 0.0059	< 0.0065	< 0.0052	< 0.0058	< 0.0071	< 0.0053	< 0.0067	< 0.0057	< 0.0058	< 0.0043	< 0.0051	< 0.0053		

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*				AB-2		AB-3		AB-4		AB-5		AB-6		AB-7		AB-8		AB-9		AB-10		
	Direct Contact			Migration to Groundwater	8-10	14-16	8-10	14-16	22-24	1-3	7-9	8-10	12-13	8-10	15-17	2-4	28-30	8-10	14-16	4-6	24-26	2-4	17-19
	Residential	Industrial	Construction		7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013	7/2/2013
1,1,1,2-Tetrachloroethane	28	88	640	0.043	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
1,1,1-Trichloroethane	640	640	640	1.4	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
1,1,2-Trichloroethane	2.1	6.3	35	0.032	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	0.0032	< 0.0022
1,1-Dichloroethane	50	160	1700	0.16	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
1,1-Dichloroethene	1000	1000	1000	0.09	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
1,1-Dichloropropene	NS	NS	NS	NS	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
1,2,3-Trichlorobenzene	88	930	1600	0.42	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
1,2,4-Trichlorobenzene	0.071	1.1	46	0.000065	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
1,2,4-Trimethylbenzene	81	260	400	4.1	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
1,2,4-Trimethylbenzene	220	220	220	1.6	0.00095 J	0.0016 J	18.3	0.0113	< 0.59	0.0047 J	0.0048 J	0.0016 J	0.0013 J	0.00088 J	0.00073 J	0.00035 J	< 0.0072	< 0.58	0.0014 J	< 0.0050	< 0.0069	< 0.0060	0.00030 J
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
1,2-Dibromomethane	0.5	1.6	180	0.00028	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
1,2-Dichlorobenzene	380	380	380	12	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
1,2-Dichloropropane	6.4	20	730	0.028	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
1,2-Dichloropropene	22	66	360	0.033	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
1,3,5-Trimethylbenzene	180	180	180	1.7	0.00030 J	0.00050 J	5.47	0.0021 J	< 0.59	0.0014 J	0.0015 J	0.00046 J	0.00031 J	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	0.00055 J	< 0.0050	< 0.0069	< 0.0060	< 0.0056
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
1,3-Dichloropropane	1500	1500	1500	2.6	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
1,3-Dichlorobenzene	36	110	16000	1.4	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	0.00027 J	< 0.0020	< 0.0027	< 0.0024	< 0.0022
2,2-Dichloropropane	NS	NS	NS	NS	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
2-Butanone (MEK)	28000	28000	28000	23	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	0.0328	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
2-Chlorotoluene	910	910	910	4.7	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
4-Chlorotoluene	250	250	250	4.8	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
4-Methyl-2-Pentanone	3400	3400	3400	28	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	0.0276	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
Acetone	85000	100000	100000	57	< 0.01	< 0.0097	< 1.1	0.0081 J	< 1.2	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	0.374	0.153	< 1.2	< 0.0062	0.0167	< 0.014	0.0058 J	< 0.011
Benzene	17	51	1800	0.051	< 0.0051	< 0.0048	< 0.53	0.00027 J	< 0.059	< 0.0056	< 0.0053	< 0.0055	< 0.0056	0.00038 J	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
Bromobenzene	410	680	680	0.84	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
Bromochloromethane	210	630	3500	0.41	< 0.0051	< 0.0048	< 0.53	< 0.0047	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	< 0.0061	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
Bromodichloromethane	4.1	13	930	0.43	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
Bromoform	270	860	920	0.42	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
Bromomethane	9.5	30	160	0.038	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
Carbon Disulfide	740	740	740	4.8	< 0.0051	< 0.0048	< 0.53	0.00032 J	< 0.59	< 0.0056	< 0.0053	< 0.0055	< 0.0056	< 0.0058	< 0.0056	0.0159	< 0.0072	< 0.58	< 0.0031	< 0.0050	< 0.0069	< 0.0060	< 0.0056
Carbon Tetrachloride	9.1	29	460	0.039	< 0.0020	< 0.0019	< 0.21	< 0.0019	< 0.23	< 0.0022	< 0.0021	< 0.0022	< 0.0023	< 0.0023	< 0.0022	< 0.0024	< 0.0029	< 0.23	< 0.0012	< 0.0020	< 0.0027	< 0.0024	< 0.0022
CFC-11	1200	1200	1200																				

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*				AB-11		AB-12		AB-13		AB-14		AB-15		AB-16		AB-17		AB-18						
	Direct Contact				Migration to Groundwater		4-6	16-18	6-8	6-8	16-18	6-8	26-28	3-5	18-20	2-4	22-24	10-12	10-12	25-27	8-10	28-30	6-8	10-12	
	Residential	Industrial	Construction	Groundwater	7/31/2013	7/31/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/31/2013	7/31/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013	7/30/2013
1,1,1,2-Tetrachloroethane	28	88	640	0.043	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
1,1,1-Trichloroethane	640	640	640	1.4	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
1,1,2-Trichloroethane	2.1	6.3	35	0.032	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
1,1-Dichloroethane	50	160	1700	0.16	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
1,1-Dichloroethene	320	1000	1200	0.05	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
1,1-Dichloropropene	NS	NS	NS	NS	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
1,2,3-Trichlorobenzene	88	930	1600	0.42	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
1,2,4-Trichlorobenzene	0.071	1.1	46	0.00065	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
1,2,4-Trichlorobenzene	81	260	400	4.1	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
1,2,4-Trimethylbenzene	220	220	220	1.6	<0.0053	<0.0056	<3.9	<3.3	0.427 J	<3.3	<0.0047	<0.73	<0.0052	<0.36	0.0043 J	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
1,2-Dibromochloroethane	0.5	1.6	180	0.00028	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
1,2-Dichlorobenzene	380	380	380	12	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
1,2-Dichloroethane	6.4	20	730	0.028	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
1,2-Dichloropropane	22	66	360	0.033	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
1,3,5-Trimethylbenzene	180	180	180	1.7	<0.0053	<0.0056	<3.9	<3.3	0.131 J	<3.3	<0.0047	<0.73	<0.0052	<0.36	0.00083 J	<1.4	<12	<0.0045	<1.3	0.00074 J	0.00085 J	<0.58	<0.58	<0.58	<0.58
1,3-Dichlorobenzene	NS	NS	NS	NS	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
1,3-Dichloropropane	1500	1500	1500	2.6	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
1,4-Dichlorobenzene	110	110	16000	1.4	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
2,2-Dichloropropane	NS	NS	NS	NS	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
2-Butanone (MEK)	28000	28000	28000	23	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
2-Chlorotoluene	910	910	910	4.7	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
4-Chlorotoluene	250	250	250	4.8	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
4-Methyl-2-Pentanone	3400	3400	3400	28	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
Acetone	85000	100000	100000	57	<0.011	<0.011	<7.8	<6.6	<2.8	<6.6	0.0172	<1.5	0.0082 J	<0.72	0.0076 J	<28	<24	<0.0089	<2.6	0.0093 J	<0.011	<1.2	<1.2	<1.2	<1.2
Benzene	17	51	1800	0.051	<0.0053	<0.0056	<0.39	<0.33	<0.14	<0.33	<0.0047	<0.073	<0.0052	<0.036	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
Bromobenzene	410	680	680	0.84	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
Bromochloromethane	210	630	3500	0.41	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
Bromodichloromethane	4.1	13	930	0.43	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
Bromoflorm	270	860	920	0.42	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
Bromomethane	9.5	30	160	0.038	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
Carbon Disulfide	740	740	740	4.8	<0.0053	<0.0056	<3.9	<3.3	<1.4	<3.3	<0.0047	<0.73	<0.0052	<0.36	<0.0055	<1.4	<12	<0.0045	<1.3	<0.0055	<0.0055	<0.58	<0.58	<0.58	<0.58
Carbon Tetrachloride	9.1	29	460	0.039	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
CFC-11	1200	1200	1200	66	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
CFC-12	120	370	850	6	<0.0021	<0.0022	<1.6	<1.3	<0.55	<1.3	<0.0019	<0.29	<0.0021	<0.14	<0.0022	<5.6	<4.7	<0.0018	<0.53	<0.0022	<0.0022	<0.23	<0.23	<0.23	<0.23
Chlorobenzene	390	760	760	1.4	<0.0021	<0.0022	<																		

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Remediation Closure Guide*				AB-19		AB-20		AB-21		AB-22		AB-23		AB-24		AB-25		AB-26		AB-27		AB-28		AB-29		AB-30		AB-31		AB-32		AB-33		AB-34		AB-35		AB-36		AB-37		AB-38		AB-39		AB-40		AB-41		AB-42		AB-43		AB-44		AB-45		AB-46		AB-47		AB-48		AB-49		AB-50		AB-51		AB-52		AB-53		AB-54		AB-55		AB-56		AB-57		AB-58		AB-59		AB-60		AB-61		AB-62		AB-63		AB-64		AB-65		AB-66		AB-67		AB-68		AB-69		AB-70		AB-71		AB-72		AB-73		AB-74		AB-75		AB-76		AB-77		AB-78		AB-79		AB-80		AB-81		AB-82		AB-83		AB-84		AB-85		AB-86		AB-87		AB-88		AB-89		AB-90		AB-91		AB-92		AB-93		AB-94		AB-95		AB-96		AB-97		AB-98		AB-99		AB-100		AB-101		AB-102		AB-103		AB-104		AB-105		AB-106		AB-107		AB-108		AB-109		AB-110		AB-111		AB-112		AB-113		AB-114		AB-115		AB-116		AB-117		AB-118		AB-119		AB-120		AB-121		AB-122		AB-123		AB-124		AB-125		AB-126		AB-127		AB-128		AB-129		AB-130		AB-131		AB-132		AB-133		AB-134		AB-135		AB-136		AB-137		AB-138		AB-139		AB-140		AB-141		AB-142		AB-143		AB-144		AB-145		AB-146		AB-147		AB-148		AB-149		AB-150		AB-151		AB-152		AB-153		AB-154		AB-155		AB-156		AB-157		AB-158		AB-159		AB-160		AB-161		AB-162		AB-163		AB-164		AB-165		AB-166		AB-167		AB-168		AB-169		AB-170		AB-171		AB-172		AB-173		AB-174		AB-175		AB-176		AB-177		AB-178		AB-179		AB-180		AB-181		AB-182		AB-183		AB-184		AB-185		AB-186		AB-187		AB-188		AB-189		AB-190		AB-191		AB-192		AB-193		AB-194		AB-195		AB-196		AB-197		AB-198		AB-199		AB-200		AB-201		AB-202		AB-203		AB-204		AB-205		AB-206		AB-207		AB-208		AB-209		AB-210		AB-211		AB-212		AB-213		AB-214		AB-215		AB-216		AB-217		AB-218		AB-219		AB-220		AB-221		AB-222		AB-223		AB-224		AB-225		AB-226		AB-227		AB-228		AB-229		AB-230		AB-231		AB-232		AB-233		AB-234		AB-235		AB-236		AB-237		AB-238		AB-239		AB-240		AB-241		AB-242		AB-243		AB-244		AB-245		AB-246		AB-247		AB-248		AB-249		AB-250		AB-251		AB-252		AB-253		AB-254		AB-255		AB-256		AB-257		AB-258		AB-259		AB-260		AB-261		AB-262		AB-263		AB-264		AB-265		AB-266		AB-267		AB-268		AB-269		AB-270		AB-271		AB-272		AB-273		AB-274		AB-275		AB-276		AB-277		AB-278		AB-279		AB-280		AB-281		AB-282		AB-283		AB-284		AB-285		AB-286		AB-287		AB-288		AB-289		AB-290		AB-291		AB-292		AB-293		AB-294		AB-295		AB-296		AB-297		AB-298		AB-299		AB-300		AB-301		AB-302		AB-303		AB-304		AB-305		AB-306		AB-307		AB-308		AB-309		AB-310		AB-311		AB-312		AB-313		AB-314		AB-315		AB-316		AB-317		AB-318		AB-319		AB-320		AB-321		AB-322		AB-323		AB-324		AB-325		AB-326		AB-327		AB-328		AB-329		AB-330		AB-331		AB-332		AB-333		AB-334		AB-335		AB-336		AB-337		AB-338		AB-339		AB-340		AB-341		AB-342		AB-343		AB-344		AB-345		AB-346		AB-347		AB-348		AB-349		AB-350		AB-351		AB-352		AB-353		AB-354		AB-355		AB-356		AB-357		AB-358		AB-359		AB-360		AB-361		AB-362		AB-363		AB-364		AB-365		AB-366		AB-367		AB-368		AB-369		AB-370		AB-371		AB-372		AB-373		AB-374		AB-375		AB-376		AB-377		AB-378		AB-379		AB-380		AB-381		AB-382		AB-383		AB-384		AB-385		AB-386		AB-387		AB-388		AB-389		AB-390		AB-391		AB-392		AB-393		AB-394		AB-395		AB-396		AB-397		AB-398		AB-399		AB-400		AB-401		AB-402		AB-403		AB-404		AB-405		AB-406		AB-407		AB-408		AB-409		AB-410		AB-411		AB-412		AB-413		AB-414		AB-415		AB-416		AB-417		AB-418		AB-419		AB-420		AB-421		AB-422		AB-423		AB-424		AB-425		AB-426		AB-427		AB-428		AB-429		AB-430		AB-431		AB-432		AB-433		AB-434		AB-435		AB-436		AB-437		AB-438		AB-439		AB-440		AB-441		AB-442		AB-443		AB-444		AB-445		AB-446		AB-447		AB-448		AB-449		AB-450		AB-451		AB-452		AB-453		AB-454		AB-455		AB-456		AB-457		AB-458		AB-459		AB-460		AB-461		AB-462		AB-463		AB-464		AB-465		AB-466		AB-467		AB-468		AB-469		AB-470		AB-471		AB-472		AB-473		AB-474		AB-475		AB-476		AB-477		AB-478		AB-479		AB-480		AB-481		AB-482		AB-483		AB-484		AB-485		AB-486		AB-487		AB-488		AB-489		AB-490		AB-491		AB-492		AB-493		AB-494		AB-495		AB-496		AB-497		AB-498		AB-499		AB-500		AB-501		AB-502		AB-503		AB-504		AB-505		AB-506		AB-507		AB-508		AB-509		AB-510		AB-511		AB-512		AB-513		AB-514		AB-515		AB-516		AB-517		AB-518		AB-519		AB-520		AB-521		AB-522		AB-523		AB-524		AB-525		AB-526		AB-527		AB-528		AB-529		AB-530		AB-531		AB-532		AB-533		AB-534		AB-535		AB-536		AB-537		AB-538		AB-539		AB-540		AB-541		AB-542		AB-543		AB-544		AB-545		AB-546		AB-547		AB-548		AB-549		AB-550		AB-551		AB-552		AB-553		AB-554		AB-555		AB-556		AB-557		AB-558		AB-559		AB-560		AB-561		AB-562		AB-563		AB-564		AB-565		AB-566		AB-567		AB-568		AB-569		AB-570		AB-571		AB-572		AB-573		AB-574		AB-575		AB-576		AB-577		AB-578		AB-579		AB-580		AB-581		AB-582		AB-583		AB-584		AB-585		AB-586		AB-587		AB-588		AB-589		AB-590		AB-591		AB-592		AB-593		AB-594		AB-595		AB-596		AB-597		AB-598		AB-599		AB-600		AB-601		AB-602		AB-603		AB-604		AB-605		AB-606		AB-607		AB-608		AB-609		AB-610		AB-611		AB-612		AB-613		AB-614		AB-615		AB-616		AB-617		AB-618		AB-619		AB-620		AB-621		AB-622		AB-623		AB-624		AB-625		AB-626		AB-627		AB-628		AB-629		AB-630		AB-631		AB-632		AB-633		AB-634		AB-635		AB-636		AB-637		AB-638		AB-639		AB-640		AB-641		AB-642		AB-643		AB-644		AB-645		AB-646		AB-647		AB-648		AB-649		AB-650		AB-651		AB-652		AB-653		AB-654		AB-655		AB-656		AB-657		AB-658		AB-659		AB-660		AB-661		AB-662		AB-663		AB-664		AB-665		AB-666		AB-667		AB-668		AB-669		AB-670		AB-671		AB-672		AB-673		AB-674		AB-675		AB-676		AB-677		AB-678		AB-679		AB-680		AB-681		AB-682		AB-683		AB-684		AB-685		AB-686		AB-687		AB-688		AB-689		AB-690		AB-691		AB-692		AB-693		AB-694		AB-695		AB-696		AB-697		AB-698		AB-699		AB-700		AB-701		AB-702		AB-703		AB-704		AB-705		AB-706		AB-707		AB-708		AB-709		AB-710		AB-711		AB-712		AB-713		AB-714		AB-715		AB-716		AB-717		AB-718		AB-719		AB-720		AB-721		AB-722		AB-723		AB-724		AB-725		AB-726		AB-727		AB-728		AB-729		AB-730		AB-731		AB-732		AB-733		AB-734		AB-735		AB-736		AB-737		AB-738		AB-739		AB-740		AB-741		AB-742		AB-743		AB-744		AB-745		AB-746		AB-747		AB-748		AB-749		AB-750		AB-751		AB-752		AB-753		AB-754		AB-755		AB-756		AB-757		AB-758		AB-759		AB-760		AB-761		AB-762		AB-763		AB-764		AB-765		AB-766		AB-767		AB-768		AB-769		AB-770		AB-771		AB-772		AB-773		AB-774		AB-775		AB-776		AB-777		AB-778		AB-779		AB-780		AB-781		AB-782		AB-783		AB-784		AB-785		AB-786		AB-787		AB-788		AB-789		AB-790		AB-791		AB-792		AB-793		AB-794		AB-795		AB-796		AB-797		AB-798		AB-799		AB-800		AB-801		AB-802		AB-803		AB-804		AB-805		AB-806		AB-807		AB-808		AB-809		AB-810		AB-811		AB-812		AB-813		AB-814		AB-815		AB-816		AB-817		AB-818		AB-819		AB-820		AB-821		AB-822		AB-823		AB-824		AB-825		AB-826		AB-827		AB-828		AB-829		AB-830		AB-831		AB-832		AB-833		AB-834		AB-835		AB-836		AB-837		AB-838		AB-839		AB-840		AB-841		AB-842		AB-843		AB-844		AB-845		AB-846		AB-847		AB-848		AB-849		AB-850		AB-851		AB-852		AB-853		AB-854		AB-855		AB-856		AB-857		AB-858		AB-859		AB-860		AB-861		AB-862		AB-863		AB-864		AB-865		AB-866		AB-867		AB-868		AB-869		AB-870		AB-871		AB-872		AB-873		AB-874		AB-875		AB-876		AB-877		AB-878		AB-879		AB-880		AB-881		AB-882		AB-883		AB-884		AB-885		AB-886		AB-887		AB-888		AB-889		AB-890		AB-891		AB-892		AB-893		AB-894		AB-895		AB-896		AB-897		AB-898		AB-899		AB-900		AB-901		AB-902		AB-903		AB-904		AB-905		AB-906		AB-907		AB-908		AB-909		AB-910		AB-911		AB-912		AB-913		AB-914		AB-915		AB-916		AB-917		AB-918		AB-919		AB-920		AB-921		AB-922		AB-923		AB-924		AB-925		AB-926		AB-927		AB-928		AB-929		AB-930		AB-931		AB-932		AB-933		AB-934		AB-935		AB-936		AB-937		AB-938		AB-939		AB-940		AB-941		AB-942		AB-943		AB-944		AB-945		AB-946		AB-947		AB-948		AB-949		AB-950		AB-951		AB-952		AB-953		AB-954		AB-955		AB-956		AB-957		AB-958		AB-959		AB-960		AB-961		AB-962		AB-963		AB-964		AB-965		AB-966		AB-967		AB-968		AB-969		AB-970		AB-971		AB-972		AB-973		AB-974		AB-975		AB-	
----------------------------	--	--	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	-----	--

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*				SAP-02								SAP-03								SAP-04								SAP-05							
	Direct Contact			Migration to Groundwater	1	4	8	12	16	1	4	8	12	16	1	4	8	12	16	1	4	8	12	16	1	4	8	12	16							
	Residential	Industrial	Construction		8/9/2018	NA	NA	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018	8/9/2018							
1,1,1,2-Tetrachloroethane	28	88	680	0.043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
1,1,1-Trichloroethane	640	640	640	1.4	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.025	< 0.032	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,1,2-Trichloroethane	21	67	1000	0.0059	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.027	< 0.028	< 0.025	< 0.026	< 0.025	< 0.031	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,1-Trichloroethane	240	63	35	0.032	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,1-Dichloroethane	50	160	1700	0.16	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,1-Dichloroethene	320	1000	1200	0.05	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,1-Dichloroethane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
1,2,3-Trichlorobenzene	0.071	0.30	9300	0.42	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,2,3-Trichloropropane	NS	1.1	46	0.000065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
1,2,4-Trichlorobenzene	81	260	400	4.1	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,2,4-Trifluorobenzene	220	220	220	1.6	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,2-Dibromo-3-chloropropane	0.074	0.64	96	0.0017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
1,2-Dibromobenzene	0.38	1.6	180	0.00028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
1,2-Dichlorobenzene	130	380	12	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,2-Dichloroethane	6.4	20	730	0.028	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,2-Dichloropropane	22	66	360	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
1,3,5-Trifluorobenzene	180	180	180	1.7	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,3-Dichloropropane	1500	1500	1500	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
1,4-Dichlorobenzene	38	110	16000	1.4	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
1,4-Dichloroethane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
2-Butanone (MEK)	28000	28000	28000	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
2-Chlorotoluene	910	910	910	4.7	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
4-Chlorotoluene	250	250	250	4.8	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
4-Methyl-2-Pentanone	3400	3400	3400	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Benzene	85000	100000	57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Benzene	51	1800	0.051	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
Bromobenzene	410	680	680	0.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Bromochloromethane	210	630	3500	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Bromodichloromethane	4.1	13	930	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Bromotoluene	270	860	400	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Bromobenzene	9.5	30	160	0.038	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Carbon Tetrachloride	9.1	29	460	0.039	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
CFCl ₃	1200	1200	1200	66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
CFCl ₂	120	370	850	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Chlorobenzene	390	760	760	1.4	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
Chlorodibromomethane	120	390	800	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Chloroethane	2100	2100	2100	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Chloroethene	4.4	1900	14	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
Chloromethane	150	460	1300	0.98	< 0.05	< 0.047	< 0.046	< 0.049	< 0.048	< 0.052	< 0.05	< 0.049	< 0.051	< 0.051	< 0.054	< 0.057	< 0.045	< 0.047	< 0.049	< 0.064	< 0.046	< 0.046	< 0.046	< 0.047	< 0.046	< 0.047	< 0.046	< 0.046								
cis-1,2-Dichloroethane	220	2300	2400	0.41	< 0.025	< 0.024	< 0.023	< 0.024	< 0.024	< 0.026	< 0.025	< 0.025	< 0.026	< 0.025	< 0.027	< 0.028	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.023	< 0.023	< 0.026	< 0.024	< 0.026	< 0.024	< 0.024								
cis-1,3-Dichloroethane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA																					

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*				SAP-06				SAP-07				SAP-08			
	Residential	Industrial	Construction	Migration to Groundwater	1	2	3	4	5	6	7	8	9	10	11	12
1,1,1,2-Tetrachloroethane	28	88	680	0.043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	640	640	640	1.4	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,1,2-Trichloroethane	2.1	6.3	35	0.032	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,1-Dichloroethane	50	160	1700	0.16	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,1-Dichloroethene	320	1000	1200	0.05	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,1-Dichloropropene	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	88	930	1600	0.42	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,2,3-Trichloropropene	0.071	1.1	46	0.00065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	81	260	400	4.1	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,2,4-Trimethylbenzene	220	220	220	1.6	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromomethane	0.5	1.6	180	0.00028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	380	380	380	12	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,2-Dichloroethane	6.4	20	730	0.028	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,2-Dichloropropane	22	66	360	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
1,3-Dichloropropane	1500	1500	1500	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
2,2-Dichloropropane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	28000	28000	28000	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	910	910	910	4.7	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
4-Chlorotoluene	250	250	250	4.8	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
4-Methyl-2-Pentanone	3400	3400	3400	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	85000	100000	100000	57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	17	51	1800	0.051	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
Bromobenzene	410	680	680	0.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	210	630	3500	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	4.1	13	930	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromofom	270	860	920	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	9.5	30	160	0.038	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	9.1	29	460	0.039	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
OFC-11	1200	1200	1200	66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OFC-12	120	370	850	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	380	780	780	1.4	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
Chlorodibromomethane	120	390	800	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	2100	2100	2100	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	4.5	14	1900	0.44	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
Chloromethane	150	460	1300	0.98	< 0.053 LC	< 0.049 LC	< 0.05 LC	< 0.05 LC	< 0.048 LC	< 0.048	< 0.053 LC	< 0.049 LC	< 0.048	< 0.043	< 0.047	< 0.046
cis-1,2-Dichloroethene	220	2300	2400	0.41	< 0.027	0.051	0.49	0.86	12 E	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
cis-1,3-Dichloropropene	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	NS	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
Dibromomethane	34	99	550	0.041	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	490	3200	3300	0.025	< 0.11	< 0.097	< 0.1	< 0.099	< 0.097	< 0.097	< 0.11	< 0.099	< 0.097	< 0.085	< 0.094	< 0.1
Ethylbenzene	81	250	480	16	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
Hexachloro-1,3-butadiene	17	17	17	0.054	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	270	270	270	15	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
m,p-Xylenes	NS	NS	NS	NS	< 0.053	< 0.049	< 0.05	< 0.05	< 0.048	< 0.048	< 0.053	< 0.049	< 0.048	< 0.043	< 0.047	< 0.046
Methyl-N-Butyl Ketone (2-Hexanone)	280	1300	3300	0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-butylether	660	2100	8900	0.63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	53	170	3100	0.11	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
n-Butylbenzene	110	110	110	64	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
n-Propylbenzene	260	260	260	25	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
o-Xylene	430	430	430	3.7	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
sec-Butylbenzene	150	150	150	120	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
Styrene (Monomer)	870	870	870	2.2	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
tert-Butylbenzene	180	180	180	31	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
Tetrachloroethene	110	170	170	0.045	< 0.027	< 0.024	0.03	0.041	0.32	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
Toluene	820	820	820	14	< 0.027	< 0.024	< 0.025	< 0.025	< 0.024	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
Total Xylenes	260	260	260	200	< 0.08	< 0.073	< 0.075	< 0.075	< 0.072	< 0.072	< 0.08	< 0.074	< 0.072	< 0.065	< 0.071	< 0.07
trans-1,2-Dichloroethene	1900	1900	1900	0.62	< 0.027	< 0.024	< 0.025	< 0.025	0.064	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023
trans-1,3-Dichloropropene	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5.7	19	95	0.036	< 0.027	0.12	1.9	2.4	46 E	0.057	< 0.027	< 0.025	< 0.024	< 0.022	0.13	0.043
Vinyl acetate	1300	2800	2800	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.83	17	1300	0.014	< 0.027	< 0.024	< 0.025	< 0.025	0.034	< 0.024	< 0.027	< 0.025	< 0.024	< 0.022	< 0.023	< 0.023

*2019 Remediation Closure Guide screening Levels
 Results in mg/kg
 Bold font indicates detected analyte
 Blue shading indicates result above migration to groundwater level
 Green shading indicates result over industrial direct contact level

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

9 of 32

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guid*				SAP-15																SAP-16								SAP-16B				
	Direct Contact				3				4				5				6				7				8				9				
	Residential	Industrial	Construction	Groundwater	8/13/2016	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018	8/13/2018		
1,1,1,2-Tetrachloroethane	28	88	680	0.043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	640	640	640	1.4	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,1,2-Trichloroethane	2.1	6.3	35	0.032	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,1-Dichloroethane	50	160	1700	0.16	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,1-Dichloroethene	320	1000	1200	0.05	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,1-Dichloropropene	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	88	930	1600	0.42	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,2,3-Trichloropropane	0.071	1.1	46	0.00065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,4-Trichlorobenzene	81	260	400	4.1	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,2,4-Trimethylbenzene	220	220	220	1.6	< 0.023 HC	< 0.023 HC	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dibromomethane	0.5	1.6	180	0.00028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	380	380	380	12	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,2-Dichloroethane	6.4	20	730	0.028	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,2-Dichloropropane	22	66	360	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
1,3-Dichloropropane	1500	1500	1500	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
2,2-Dichloropropane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	28000	28000	28000	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	910	910	910	4.7	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
4-Chlorotoluene	250	250	250	4.8	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
4-Methyl-2-Pentanone	3400	3400	3400	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	85000	100000	100000	57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	17	51	1800	0.091	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
Bromobenzene	410	680	680	0.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromochloromethane	210	630	3500	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	4.1	13	930	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromoform	270	860	920	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromomethane	9.5	30	160	0.038	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	9.1	29	460	0.039	< 0.023	< 0.023	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	
CFC-11	1200	1200	1200	66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CFC-																																	

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide ^a			Migration to Groundwater	SAP-17				SAP-17				SAP-18				SAP-18				SAP-19				SAP-19				
	Direct Contact				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	Residential	Industrial	Construction																										
1,1,1,2-Tetrachloroethane	28	88	680	0.043	NA	NA	NA	NA	NA	0.025	<0.0019	<0.0018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	640	640	640	1.4	<0.024	<0.023	<0.024	<0.024	<0.027	<0.25	<0.0019	<0.0018	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
1,1,2-Trichloroethane	2.4	1900	0.0059	0.027	<0.024	<0.023	<0.024	<0.024	<0.027	<0.25	<0.0019	<0.0018	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
1,1-Trichloroethane	21	6.3	0.032	<0.024	<0.023	<0.024	<0.024	<0.027	<0.25	<0.0019	<0.0018	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025		
1,1-Dichloroethane	50	1600	1700	0.16	<0.024	<0.023	<0.024	<0.024	<0.027	<0.12	<0.00093	<0.00089	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
1-Dichloroethane	320	1000	1200	0.05	<0.024	<0.023 X	<0.024	<0.024	<0.027	<0.12	<0.00093	<0.00089	<0.026	0.035	0.076	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	0.17	0.047	
1,2-Dichloroethane	NS	NS	NS	NA	NA	NA	NA	NA	NA	<0.26	<0.0019	<0.0018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,3-Trichlorobenzene	NS	830	1630	0.42	<0.024	<0.023	<0.024	<0.024	<0.027	<0.62	<0.00093	<0.00089	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
2,3-Trichloropropene	0.071	1.1	46	0.00065	NA	NA	NA	NA	NA	<0.62	<0.00093	<0.00089	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
1,2,4-Trichlorobenzene	81	260	400	4.1	<0.024	<0.023	<0.024	<0.024	<0.027	<0.62	<0.00093	<0.00089	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
1,2,4-Trimeethylbenzene	220	220	220	1.6	<0.024	<0.023	<0.024	<0.024	<0.027	<0.25	<0.0019	<0.0018	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
1,2-Dibromobis-3-chloropropene	0.074	0.6	0.017	NA	NA	NA	NA	NA	NA	<0.26	<0.0019	<0.0018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dibromobenzene	0.5	1.6	180	0.00028	NA	NA	NA	NA	NA	<0.12*	<0.00093	<0.00089*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dichlorobenzene	380	380	380	1.2	<0.024	<0.023	<0.024	<0.024	<0.027	<0.12	<0.00093	<0.00089	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
1,2-Dichloroethane	6.4	20	730	0.028	<0.024	<0.023	<0.024	<0.024	<0.027	<0.12	<0.00093	<0.00089	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
1,2-Dichloropropene	22	66	360	0.033	NA	NA	NA	NA	NA	<0.25	<0.0019	<0.0018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	180	90	1.7	<0.024	<0.023	<0.024	<0.024	<0.027	<0.25	<0.0019	<0.0018	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025		
1,3-Dichlorobenzene	NS	NS	NS	NA	<0.024	<0.023	<0.024	<0.024	<0.027	<0.12	<0.00093	<0.00089	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
1,3-Dichloropropene	1500	1500	1500	2.6	NA	NA	NA	NA	NA	<0.25	<0.0019	<0.0018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,4-Dichlorobenzene	36	110	16000	1.4	<0.024	<0.023	<0.024	<0.024	<0.027	<0.12	<0.00093	<0.00089	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
1,4-Dichloropropene	NS	NS	NS	NA	NA	NA	NA	NA	NA	<0.25	<0.0019	<0.0018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Butanone (MEK)	28000	28000	28000	23	NA	NA	NA	NA	NA	<1.2	<0.0093	<0.0089*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Chlorotoluene	910	910	910	4.7	<0.024	<0.023	<0.024	<0.024	<0.027	NA	NA	NA	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
4-Chlorotoluene	250	250	250	4.8	<0.024	<0.023	<0.024	<0.024	<0.027	NA	NA	NA	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
4-Methyl-2-Pentanone	3400	3400	3400	28	NA	NA	NA	NA	NA	<0.62	<0.0047	<0.0044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Gasoline	85000	100000	82000	57	NA	NA	NA	NA	NA	<1.2	0.0335	0.0159	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzene	17	51	1900	0.051	<0.024	<0.023	<0.024	<0.024	<0.027	<0.062	<0.0047	<0.0044	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
Bromobenzene	410	680	680	0.84	NA	NA	NA	NA	NA	<0.62	<0.0047	<0.0044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromochloromethane	210	630	3500	0.41	NA	NA	NA	NA	NA	<0.62	<0.0047	<0.0044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromodichloromethane	4.1	13	930	0.43	NA	NA	NA	NA	NA	<0.25	<0.0018	<0.0016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromotrimethane	880	880	880	0.42	NA	NA	NA	NA	NA	<0.62	<0.0047	<0.0044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Bromomethane	9.5	30	160	0.038	NA	NA	NA	NA	NA	<0.62*	<0.0047	<0.0044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	<0.62	<0.0047	<0.0044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Carbon Tetrachloride	91	29	460	0.039	<0.024	<0.023	<0.024	<0.024	<0.027	<0.25	<0.0019	<0.0018	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
CF-1	1200	66	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
CF-12	120	770	850	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chlorobenzene	390	380	760	1.4	<0.024	<0.023	<0.024	<0.024	<0.027	<0.25	<0.0019	<0.0018	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
Chlorobromomethane	210	390	800	0.43	NA	NA	NA	NA	NA	<0.62	<0.0047	<0.0044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chloroethane	2100	2100	2100	120	NA	NA	NA	NA	NA	<0.62	<0.0047	<0.0044	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chlorotrimethane	14	4.4	1900	0.44	<0.024	<0.023	<0.024	<0.024	<0.027	<0.25	<0.0019	<0.0018	<0.026	<0.024	<0.025	<0.023	<0.025	<0.024	<0.029	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	<0.024	<0.023	<0.025	
Chloromethane	150	460	2400	0.98	<0.047 LC	0.045 XLC	0.047 LC	0.048 LC	0.054 LC	<0.62	<0.0047	<0.0044	<0.052 LC	0.047 LC	0.05 LC	0.046 LC	0.049 LC	<0.48	<0.58	0.16	0.15	<0.48	<0.58	0.16	0.15	<0.48	<0.58	0.15	0.15 X
cis-1,2-Dichloroethane	220	2300	2400	0.41	<0.024	0.021 LC	1.2	14 E	4	9.13	0.0509	<0.00089*	0.15	13 E	18 E	20 E	0.35	<0.024	<0.029	<0.024	45 E	43 M	0.05 X	<0.024	<0.029	<0.024	<0.023	<0.025	
cis-1,3-Dichloropropene	NS	NS	NS	NS	NA	NA	NA	NA	NA	<0.25	<0.0019	<0.0018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
cymene (p-isopropyltoluene)	NS	NS	NS	NA	<0.024	<0.023	<0.024	<0.024	<0.027	<0.024	<0.0019																		

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*				SAP-20				SAP-21				SAP-22				SAP-23							
	Direct Contact				Migration to Groundwater				Migration to Groundwater				Migration to Groundwater				Migration to Groundwater							
	Residential	Industrial	Construction	Groundwater	1	4	8	12	16	1	4	8	12	16	1	4	8	12	16	1	4	8	12	16
1,1,1,2-Tetrachloroethane	28	88	680	0.043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	640	640	640	1.4	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,1,2-Trichloroethane	2.1	6.3	36	0.032	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,1-Dichloroethane	50	160	1700	0.16	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,1-Dichloroethene	320	1000	1200	0.05	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,1-Dichloropropane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	88	930	1600	0.42	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,2,3-Trichloropropane	0.071	1.1	46	0.00065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	81	260	400	4.1	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,2,4-Trimethylbenzene	220	220	220	1.6	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromomethane	0.5	1.6	180	0.00028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	380	380	380	12	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,2-Dichloroethane	6.4	20	730	0.028	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,2-Dichloropropane	22	66	360	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	0.045	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
1,3-Dichloropropane	1500	1500	1500	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	36	1100	16000	1.4	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
2,2-Dichloropropane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	28000	28000	28000	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorobenzene	910	910	910	4.7	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
4-Chlorobenzene	250	250	250	4.8	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
4-Methyl-2-Pentanone	3400	3400	3400	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	85000	100000	100000	57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	17	51	1800	0.051	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
Bromobenzene	410	680	680	0.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	210	630	3500	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	4.1	13	930	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	270	860	920	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	9.5	30	160	0.038	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	9.1	29	460	0.039	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
CFC-11	1200	1200	1200	66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CFC-12	120	370	850	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	390	760	760	1.4	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
Chlorodibromomethane	120	390	800	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	2100	2100	2100	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	4.5	14	1900	0.44	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	< 0.023
Chloromethane	150	460	1300	0.88	< 0.054	< 0.052	< 0.047	0.16	< 0.053	< 0.045	< 0.049	< 0.053	< 0.047	< 0.045	1.4	< 0.05	< 0.051	0.3	0.71	< 0.049	< 0.047	< 0.048	< 0.047	0.24
cis-1,2-Dichloroethane	220	2300	2400	0.41	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	0.31	0.11	< 0.023	< 0.023	0.73	< 0.025	< 0.025	1.6	6	< 0.025	< 0.024	< 0.024	0.58	2.7
cis-1,3-Dichloropropane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	NS	< 0.027	< 0.026	< 0.023	< 0.028	< 0.026	< 0.022	< 0.024	< 0.027	< 0.023	< 0.023	< 0.042	< 0.025	< 0.025	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.024	0.047
Dibromomethane	34	99	550	0.041	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	490	3200	3300	0.025	< 0.11	< 0.1	< 0.093	< 0.11	< 0.11	< 0.09	< 0.098	< 0.11	< 0.094</											

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*				SAP-24				SAP-25				SAP-26				SAP-27			
	Residential	Direct Contact Industrial	Construction	Migration to Groundwater	1	4	15	16	1	4	15	16	1	4	15	16	1	4	15	16
1,1,2,2-Tetrachloroethane	28	88	680	0.043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	640	640	640	1.4	< 0.026	< 0.026	< 0.026	< 0.026	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025	< 0.023
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
1,1,2-Trichloroethane	2.1	6.3	36	0.032	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
1,1-Dichloroethane	50	160	1700	0.16	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
1,1-Dichloroethene	320	1000	1200	0.05	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
1,1-Dichloropropene	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	88	930	1600	0.42	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
1,2,4-Trichlorobenzene	0.071	1.1	46	0.00065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	81	260	400	4.1	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
1,2,4-Trimethylbenzene	220	220	220	1.6	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromomethane	0.5	1.6	180	0.0028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	380	380	380	17	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
1,2-Dichloroethane	6.4	20	730	0.028	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
1,2-Dichloropropane	22	66	360	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
1,3-Dichloropropane	1500	1500	1500	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
2,2-Dichloropropane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	28000	28000	28000	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorobenzene	910	910	910	4.7	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
4-Chlorotoluene	250	250	250	4.8	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
4-Methyl-2-Pentanone	3400	3400	3400	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	85000	100000	100000	57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	17	51	1900	0.051	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
Bromobenzene	410	680	680	0.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	210	630	3500	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	4.1	13	930	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	270	860	920	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromotoluene	9.5	30	160	0.038	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	9.1	29	460	0.039	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
CFC-11	1200	1200	1200	66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CFC-12	120	370	850	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	390	760	760	1.4	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
Chlorodibromomethane	120	390	800	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	2100	2100	2100	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	4.5	14	1900	0.44	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
Chloromethane	150	460	1300	0.88	< 0.051	< 0.05	< 0.052	0.38 HC	< 0.051	< 0.061	< 0.072	< 0.052	0.4 HC	< 0.048	< 0.054	0.45 HC	0.36 HC	0.35 HC	< 0.075	< 0.05
cis-1,2-Dichloroethane	220	2300	2400	0.41	< 0.026	< 0.025	< 0.026	0.19	< 0.025	< 0.031	< 0.036	< 0.026	0.22	< 0.024	< 0.027	0.11	2.6	< 0.027	< 0.023	< 0.037
cis-1,3-Dichloropropene	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	NS	NS	NS	NS	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
Dibromomethane	34	99	550	0.041	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	490	3200	3300	0.025	< 0.1	< 0.1	< 0.1	< 0.1	< 0.12	< 0.14	< 0.1	< 0.096	< 0.097	< 0.11	< 0.11	< 0.12	< 0.11	< 0.094	< 0.15	< 0.099
Ethylbenzene	81	250	480	16	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
Hexachloro-1,3-butadiene	17	17	17	0.054	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iodomethane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	270	270	270	15	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
m,p-Xylenes	NS	NS	NS	NS	< 0.051	< 0.05	< 0.052	< 0.051	< 0.051	< 0.061	< 0.072	< 0.052	< 0.048	< 0.054	< 0.054	< 0.061	< 0.054	< 0.047	< 0.075	< 0.049
Methyl N-Butyl Ketone (2-Hexanone)	280	1300	3300	0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-butylether	660	2100	8900	0.63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	53	170	3100	0.11	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
n-Butylbenzene	110	110	64	64	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
n-Propylbenzene	260	260	260	25	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
o-Xylene	430	430	430	3.7	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	< 0.027	< 0.023	< 0.037	< 0.025
sec-Butylbenzene	150	150	150	120	< 0.026	< 0.025	< 0.026	< 0.026	< 0.025	< 0.031	< 0.036	< 0.026	< 0.024	< 0.027	< 0.027	< 0.03	<			

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

[illegible]

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

[illegible]

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide?																							
	Direct Contact				SAP-35								SAP-36				SAP-37				SAP-38			
	Residential	Industrial	Construction	Migration to Groundwater	1 8/17/2018	4 8/17/2018	8 8/17/2018	12 8/17/2018	16 8/17/2018	1 8/17/2018	4 8/17/2018	8 8/17/2018	12 8/17/2018	16 8/17/2018	1 8/22/2018	4 8/22/2018	8 8/22/2018	12 8/22/2018	16 8/22/2018	1 8/22/2018	4 8/22/2018	8 8/22/2018	12 8/22/2018	16 8/22/2018
1,1,1,2-Tetrachloroethane	28	88	680	0.043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	640	640	640	1.4	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
1,1,2-Trichloroethane	217	1900	0.0059	0.0059	< 0.023	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.023	< 0.023	< 0.023	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
1,2-Trichloroethane	241	63	35	0.032	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
1,1-Dichloroethane	50	160	1700	0.16	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
1,1-Dichloropropene	320	1000	1200	0.05	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	0.037	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
1,1-Dichloropropane	N/S	N/S	N/S	N/S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Trichloropropane	0.071	1.1	46	0.000065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	81	260	400	4.1	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
1,2,4-Trimethylbenzene	220	220	220	1.6	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
1,3-Dibromocyclohexane	0.074	0.64	96	0.0017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromobenzene	380	380	1.6	0.00028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	0.5	1.6	180	0.00028	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
1,2-Dichloropropane	6.4	20	730	0.028	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
1,2-Dichloropropane	22	66	360	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	180	180	170	1.7	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
1,3-Dichloroethane	N/S	N/S	N/S	N/S	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
1,3-Dichloropropane	1500	1500	1500	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
2,2-Dichloropropane	N/S	N/S	N/S	N/S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	28000	28000	28000	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	910	910	910	4.7	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
4-Chlorotoluene	250	250	250	4.8	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
4-Methyl-2-Pentanone	3400	3400	3400	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	85000	100000	57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	51	1900	0.051	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
Bromobenzene	410	680	680	0.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	210	630	3500	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	41	13	930	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromotoluene	270	860	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	9.5	30	160	0.038	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	9.1	29	460	0.039	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
FCF-11	1200	1200	66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FCF-12	120	370	850	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	390	760	760	1.4	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
Chlorodibromomethane	120	390	800	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	2100	2100	2100	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	4.4	1900	0.44	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
Chloromethane	1500	460	1300	0.98	< 0.048	< 0.047	< 0.045	< 0.048	< 0.043	< 0.049	< 0.05	< 0.045	< 0.048	< 0.046	< 0.045	< 0.05	< 0.048	< 0.048	< 0.046	< 0.047	< 0.045	< 0.047	< 0.059	< 0.049
cis-1,2-Dichloroethane	220	2300	2400	0.41	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	0.078	6.7	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
cis-1,3-Dichloropropene	N/S	N/S	N/S	N/S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	N/S	N/S	N/S	N/S	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
Isobutylbenzene	34	150	9	0.041	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	490	3200	3300	0.025	< 0.096	< 0.095	< 0.09	< 0.095	< 0.086	< 0.098	< 0.099	< 0.09	< 0.096	< 0.093	< 0.09	< 0.097	< 0.096	< 0.096	< 0.092	< 0.094	< 0.091	< 0.094	< 0.12	< 0.098
Ethylbenzene	801	2500	480	16	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	0.033	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
Hexachloro-1,3-butadiene	17	17	17	0.054	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isobutene	N/S	N/S	N/S	N/S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	270	270	270	15	< 0.024	< 0.024	< 0.023	< 0.024	< 0.022	< 0.025	< 0.025	< 0.022	< 0.024	< 0.023	< 0.023	< 0.025	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.025
m,p-Xylenes	N/S	N/S	N/S	N/S	< 0.048	< 0.047	< 0.045	< 0.048	< 0.043	< 0.049	< 0.05	< 0.045	< 0.048	< 0.046	0.048	< 0.05	< 0.048	< 0.048	< 0.046	< 0.047	< 0.045	< 0.047	< 0.	

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

[illegible]

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*				SAP-43																SAP-44																SAP-45																SAP-46																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
	Direct Contact				Migration to Groundwater				1				2				3				4				5				6				7				8				9				10				11				12				13				14				15				16				17				18				19				20				21				22				23				24				25				26				27				28				29				30				31				32				33				34				35				36				37				38				39				40				41				42				43				44				45				46				47				48				49				50				51				52				53				54				55				56				57				58				59				60				61				62				63				64				65				66				67				68				69				70				71				72				73				74				75				76				77				78				79				80				81				82				83				84				85				86				87				88				89				90				91				92				93				94				95				96				97				98				99				100				101				102				103				104				105				106				107				108				109				110				111				112				113				114				115				116				117				118				119				120				121				122				123				124				125				126				127				128				129				130				131				132				133				134				135				136				137				138				139				140				141				142				143				144				145				146				147				148				149				150				151				152				153				154				155				156				157				158				159				160				161				162				163				164				165				166				167				168				169				170				171				172				173				174				175				176				177				178				179				180				181				182				183				184				185				186				187				188				189				190				191				192				193				194				195				196				197				198				199				200				201				202				203				204				205				206				207				208				209				210				211				212				213				214				215				216				217				218				219				220				221				222				223				224				225				226				227				228				229				230				231				232				233				234				235				236				237				238				239				240				241				242				243				244				245				246				247				248				249				250				251				252				253				254				255				256				257				258				259				260				261				262				263				264				265				266				267				268				269				270				271				272				273				274				275				276				277				278				279				280				281				282				283				284				285				286				287				288				289				290				291				292				293				294				295				296				297				298				299				300			
	Residential	Industrial	Construction	Groundwater	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018	8/22/2018																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*				SAP-47				SAP-48				SAP-49			
	Direct Contact			Migration to Groundwater	1	2	3	4	1	2	3	4	1	2	3	4
	Residential	Industrial	Construction		8/23/2018	8/23/2019	8/23/2018	8/23/2019	8/23/2018	8/23/2019	8/23/2018	8/23/2019	8/23/2018	8/23/2019	8/23/2018	8/23/2019
1,1,1,2-Tetrachloroethane	28	88	680	0.043	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	640	640	640	1.4	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
1,1,2-Trichloroethane	2.1	6.3	35	0.032	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
1,1-Dichloroethane	50	160	1700	0.16	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.00068	< 0.00090
1,1-Dichloroethane	320	1000	1200	0.05	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.00068	< 0.00090
1,1-Dichloropropene	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0014	< 0.0018
1,2,3-Trichlorobenzene	88	930	1600	0.42	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0034	< 0.0045
1,2,4-Trichlorobenzene	0.071	1.1	46	0.00065	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0034	< 0.0045
1,2,4-Trichlorobenzene	81	260	400	4.1	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0034	< 0.0045
1,2,4-Trimethylbenzene	220	220	220	1.6	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0014	< 0.0018
1,2-Dibromomethane	0.5	1.6	180	0.0028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0068	< 0.0090
1,2-Dichlorobenzene	380	380	390	12	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0068	< 0.0090
1,2-Dichloroethane	6.4	20	730	0.028	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0068	< 0.0090
1,2-Dichloropropene	22	66	360	0.033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0014	< 0.0018
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0068	< 0.0090
1,3-Dichloropropene	1500	1500	1500	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0014	< 0.0018
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0068	< 0.0090
2,2-Dichlorobenzene	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0014	< 0.0018
2-Butanone (MEK)	28000	28000	28000	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0068	< 0.0090
2-Chlorobutene	910	910	910	4.7	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
4-Chlorobutene	250	250	250	4.8	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
4-Methyl-2-Pentanone	3400	3400	3400	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0034	< 0.0045
Acetone	85000	100000	100000	57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0041 J	< 0.0090
Benzene	17	51	1800	0.051	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0034	< 0.0045
Bromobenzene	410	680	680	0.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0034	< 0.0045
Bromochloromethane	210	630	3500	0.41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0034	< 0.0045
Bromodichloromethane	4.1	13	930	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0014	< 0.0018
Bromofom	270	860	920	0.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0034	< 0.0045
Bromomethane	9.5	30	160	0.038	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0034	< 0.0045
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	9.1	29	460	0.039	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
OFC-11	1200	1200	1200	66	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0034	< 0.0045
OFC-12	120	370	850	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0034	< 0.0045
Chlorobenzene	380	780	780	1.4	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
Chlorodibromomethane	120	390	800	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0014	< 0.0018
Chloroethane	2100	2100	2100	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0034	< 0.0045
Chloroform	4.5	14	1900	0.44	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
Chloromethane	150	460	1300	0.98	< 0.046	< 0.047	< 0.051	< 0.046	< 0.046	< 0.045	< 0.049	< 0.049	< 0.047	< 0.048	< 0.0034	< 0.0045
cis-1,2-Dichloroethane	220	2300	2400	0.41	< 0.023	< 0.024	< 0.026	0.1	< 0.024	< 0.022	< 0.024	< 0.025	0.046	< 0.024	< 0.0068	0.0035
cis-1,3-Dichloropropene	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0014	< 0.0018
Cymene (p-Isopropyltoluene)	NS	NS	NS	NS	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
Dibromomethane	34	99	550	0.041	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0034	< 0.0045
Dichloromethane	490	3200	3300	0.025	< 0.092	< 0.094	< 0.1	< 0.092	< 0.095	< 0.09	< 0.098	< 0.099	< 0.093	< 0.096	< 0.0034	< 0.0045
Ethylbenzene	81	250	480	16	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0068	< 0.0090
Hexachloro-1,3-butadiene	17	17	17	0.054	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0034	< 0.0045
Iodomethane	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	270	270	270	15	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
m,p-Xylenes	NS	NS	NS	NS	< 0.046	< 0.047	< 0.051	< 0.046	< 0.046	< 0.045	< 0.049	< 0.049	< 0.047	< 0.048	< 0.0068	< 0.0090
Methyl-n-Butyl Ketone (2-Hexanone)	280	1300	3300	0.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-butylether	660	2100	8900	0.63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0068	< 0.0090
Naphthalene	53	170	3100	0.11	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0034	< 0.0045
n-Butylbenzene	110	110	110	64	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
n-Propylbenzene	260	260	260	25	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
o-Xylene	430	430	430	3.7	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0068	< 0.0090
sec-Butylbenzene	150	150	150	120	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
Styrene (Monomer)	870	870	870	2.2	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
tert-Butylbenzene	180	180	180	31	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
Tetrachloroethane	110	170	170	0.045	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0014	< 0.0018
Toluene	820	820	820	14	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0068	< 0.0090
Total Xylenes	260	260	260	200	< 0.069	< 0.071	< 0.077	< 0.069	< 0.071	< 0.067	< 0.073	< 0.074	< 0.07	< 0.072	< 0.0068	< 0.0090
trans-1,2-Dichloroethane	1900	1900	1900	0.62	< 0.023	< 0.024	< 0.026	< 0.023	< 0.024	< 0.022	< 0.024	< 0.025	< 0.023	< 0.024	< 0.0068	< 0.0090
trans-1,3-Dichloropropene	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.0014	< 0.0018
Trichloroethane	5.7	19	95	0.036	< 0.023	< 0.024	0.087	33 E	< 0.024	< 0.022	< 0.024	< 0.025	8.3	< 0.024	0.0162	0.0725
Vinyl acetate	1300	2800	2800	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.83	17	1300													

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide				SAP-50												SAP-51				SAP-52				SAP-53			
	Direct Contact			Migration to Groundwater	0-1	3-4	7-8	11-12	15-16	3-4	7-8	11-12	15-16	3-4	7-8	11-12	15-16	3-4	7-8	11-12	15-16	3-4	7-8	11-12	15-16			
	Residential	Industrial	Construction		11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018	11/6/2018			
1,1,1,2-Tetrachloroethane	28	88	680	0.043	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
1,1,2,2-Tetrachloroethane	640	640	640	1.4	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	0.00061 J	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
1,1,2-Trichloroethane	8.4	27	1900	0.0059	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
1,1-Dichloroethane	2.1	6.3	35	0.032	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
1-Dichloropropene	NS	NS	NS	NS	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	0.00051 J	< 0.00076	< 0.00091	< 0.00091	< 0.0011	< 0.0011	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00061	< 0.00094	
1,2,3-Trichlorobenzene	NS	NS	NS	NS	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
1,2,4-Trichlorobenzene	0.071	11	46	0.00065	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038	< 0.0045	< 0.0046	< 0.0053	< 0.0054	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	
1,2,4-Trimethylbenzene	80	80	80	1.1	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038	< 0.0045	< 0.0046	< 0.0053	< 0.0054	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
1,2-Dibromomethane	0.5	1.6	180	0.0028	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076	< 0.00091	< 0.00091	< 0.0011	< 0.0011	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00061	< 0.00094	
1,2-Dichlorobenzene	380	380	380	12	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076	< 0.00091	< 0.00091	< 0.0011	< 0.0011	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00061	< 0.00094	
1,2-Dichloropropane	22	66	360	0.033	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076	< 0.00091	< 0.00091	< 0.0011	< 0.0011	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00061	< 0.00094	
1,3-Dichloropropane	1500	1500	1500	2.6	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.0010	< 0.0012	< 0.00096	< 0.09	< 0.0010	< 0.00090	< 0.00045	< 0.00095	< 0.00076	< 0.00091	< 0.00091	< 0.0011	< 0.0011	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00061	< 0.00094	< 0.00048	< 0.0010	< 0.00061	< 0.00094	
2,2-Dichloropropane	NS	NS	NS	NS	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
2-Butanone (MEK)	28000	28000	28000	23	< 0.01	0.0095 J	< 0.0096	< 0.9	< 0.01	< 0.0090	< 0.0045	< 0.0095	0.0062 J	< 0.0091	0.0044 J	< 0.0091	0.0044 J	< 0.011	0.0034 J	< 0.0094	< 0.0048	< 0.01	< 0.0094	< 0.0094	< 0.0048	< 0.01	< 0.0094	< 0.0094
2-Chlorobutane	910	910	910	4.7	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
4-Chlorobutane	250	250	250	4.8	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
4-Methyl-2-Pentanone	3400	3400	3400	28	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038	< 0.0045	< 0.0046	< 0.0053	< 0.0054	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	
Acetone	85000	100000	100000	57	0.54	0.0372	0.0103	< 0.9	0.0199	0.0297	< 0.0045	0.0112	0.0234	< 0.0091	0.0082 J	< 0.011	0.0179	< 0.0094	< 0.0048	0.0061 J	< 0.0094	< 0.0048	< 0.0094	< 0.0094	< 0.0048	< 0.0094	< 0.0094	
Benzene	17	51	180	0.051	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038	< 0.0045	< 0.0046	< 0.0053	< 0.0054	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	
Bromobenzene	410	680	680	0.84	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038	< 0.0045	< 0.0046	< 0.0053	< 0.0054	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	
Bromochloromethane	210	630	3500	0.41	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038	< 0.0045	< 0.0046	< 0.0053	< 0.0054	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	
Bromodichloromethane	4.1	13	930	0.43	< 0.0021	< 0.0023	< 0.0019	< 0.18	< 0.0021	< 0.0018	< 0.00091	< 0.0019	< 0.0015	< 0.0018	< 0.0018	< 0.0021	< 0.0022	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	< 0.00095	< 0.0020	< 0.0012	< 0.0019	
Bromofom	270	860	920	0.42	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038	< 0.0045	< 0.0046	< 0.0053	< 0.0054	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	
Bromomethane	9.5	30	160	0.038	< 0.0051	< 0.0059	< 0.0048	< 0.45	< 0.0052	< 0.0045	< 0.0023	< 0.0048	< 0.0038	< 0.0045	< 0.0046	< 0.0053	< 0.0054	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	< 0.0024	< 0.0050	< 0.0030	< 0.0047	
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA>							

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*				SAP-54				SAP-55				SAP-56				SAP-57						
	Direct Contact			Migration to Groundwater	3-4	7-8	11-12	15-16	2-4	7-8	11-12	15-16	0	4	12	16	0	4	12	16			
	Residential	Industrial	Construction		11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	11/02/2018	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019			
1,1,1,2-Tetrachloroethane	28	88	680	0.043	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
1,1,1-Trichloroethane	640	640	640	1.4	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
1,1,2-Trichloroethane	2.1	6.3	35	0.032	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
1,1-Dichloroethane	50	160	1700	0.16	< 0.00074	< 0.00092	< 0.00062	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050	< 0.0010	< 0.0013	< 0.0010	< 0.00099	< 0.0015	< 0.00084	< 0.0011	< 0.0011	< 0.00096	< 0.00097
1,1-Dichloroethene	320	1000	1200	0.05	< 0.00074	< 0.00092	< 0.00062	< 0.0011	< 0.0010	< 0.00081	0.00054 J	< 0.0010	< 0.00050	< 0.0010	< 0.0013	< 0.0010	< 0.00099	< 0.0015	< 0.00084	< 0.0011	< 0.0011	< 0.00096	< 0.00097
1,1-Dichloropropene	NS	NS	NS	NS	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
1,2,3-Trichlorobenzene	88	930	1600	0.42	< 0.0037	< 0.0046	< 0.0031	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025	< 0.0051	< 0.0064	< 0.0050	< 0.0049	< 0.0075	< 0.0042	< 0.0054	< 0.0057	< 0.0048	< 0.0048
1,2,3-Trichloropropene	0.071	1.1	46	0.000065	< 0.0037	< 0.0046	< 0.0031	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025	< 0.0051	< 0.0064	< 0.0050	< 0.0049	< 0.0075	< 0.0042	< 0.0054	< 0.0057	< 0.0048	< 0.0048
1,2,4-Trichlorobenzene	81	260	400	4.1	< 0.0037	< 0.0046	< 0.0031	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025	< 0.0051	< 0.0064	< 0.0050	< 0.0049	< 0.0075	< 0.0042	< 0.0054	< 0.0057	< 0.0048	< 0.0048
1,2,4-Trimethylbenzene	220	220	220	1.6	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
1,2-Dibromomethane	0.5	1.6	180	0.00028	< 0.00074	< 0.00092	< 0.00062	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050	< 0.0010	< 0.0013	< 0.0010	< 0.00099	< 0.0015	< 0.00084	< 0.0011	< 0.0011	< 0.00096	< 0.00097
1,2-Dichlorobenzene	380	380	380	12	< 0.0074	< 0.00092	< 0.00062	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050	< 0.0010	< 0.0013	< 0.0010	< 0.00099	< 0.0015	< 0.00084	< 0.0011	< 0.0011	< 0.00096	< 0.00097
1,2-Dichloroethane	6.4	20	730	0.028	< 0.00074	< 0.00092	< 0.00062	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050	< 0.0010	< 0.0013	< 0.0010	< 0.00099	< 0.0015	< 0.00084	< 0.0011	< 0.0011	< 0.00096	< 0.00097
1,2-Dichloropropene	22	66	360	0.033	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.00074	< 0.00092	< 0.00062	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050	< 0.0010	< 0.0013	< 0.0010	< 0.00099	< 0.0015	< 0.00084	< 0.0011	< 0.0011	< 0.00096	< 0.00097
1,3-Dichloropropene	1500	1500	1500	2.6	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.00074	< 0.00092	< 0.00062	< 0.0011	< 0.0010	< 0.00081	< 0.00058	< 0.0010	< 0.00050	< 0.0010	< 0.0013	< 0.0010	< 0.00099	< 0.0015	< 0.00084	< 0.0011	< 0.0011	< 0.00096	< 0.00097
2,2-Dichloropropane	NS	NS	NS	NS	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
2-Butanone (MEK)	28000	28000	28000	23	< 0.0074	< 0.0092	0.0028 J	< 0.011	< 0.01	< 0.0081	< 0.0058	< 0.01	< 0.0050	< 0.01	< 0.013	< 0.01	< 0.0099	< 0.015	< 0.0084	< 0.011	< 0.011	< 0.0096	< 0.0097
2-Chlorotoluene	910	910	910	4.7	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
2-Chlorotoluene	250	250	250	4.8	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
4-Methyl-2-Pentanone	3400	3400	3400	28	< 0.0037	< 0.0046	< 0.0031	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025	< 0.0051	< 0.0064	< 0.0050	< 0.0049	< 0.0075	< 0.0042	< 0.0054	< 0.0057	< 0.0048	< 0.0048
Acetone	85000	100000	100000	57	< 0.0074	< 0.0092	0.0061 J	< 0.011	< 0.01	0.0046 J	0.0083	0.0073 J	0.0042 J	< 0.01	0.0526	0.0319	0.0307	0.112	< 0.0084	0.0253	0.0588	0.0475	0.0142
Benzene	17	51	1800	0.051	< 0.0037	< 0.0046	< 0.0031	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025	< 0.0051	< 0.0064	< 0.0050	< 0.0049	< 0.0075	< 0.0042	< 0.0054	< 0.0057	< 0.0048	< 0.0048
Bromobenzene	410	680	680	0.84	< 0.0037	< 0.0046	< 0.0031	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025	< 0.0051	< 0.0064	< 0.0050	< 0.0049	< 0.0075	< 0.0042	< 0.0054	< 0.0057	< 0.0048	< 0.0048
Bromochloromethane	210	630	3500	0.41	< 0.0037	< 0.0046	< 0.0031	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025	< 0.0051	< 0.0064	< 0.0050	< 0.0049	< 0.0075	< 0.0042	< 0.0054	< 0.0057	< 0.0048	< 0.0048
Bromodichloromethane	4.1	13	930	0.43	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	< 0.0019
Bromoform	270	860	920	0.42	< 0.0037	< 0.0046	< 0.0031	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025	< 0.0051	< 0.0064	< 0.0050	< 0.0049	< 0.0075	< 0.0042	< 0.0054	< 0.0057	< 0.0048	< 0.0048
Bromomethane	9.5	30	160	0.038	< 0.0037	< 0.0046	< 0.0031	< 0.0056	< 0.0050	< 0.0041	< 0.0029	< 0.0051	< 0.0025	< 0.0051	< 0.0064	< 0.0050	< 0.0049	< 0.0075	< 0.0042	< 0.0054	< 0.0057	< 0.0048	< 0.0048
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	9.1	29	460	0.039	< 0.0015	< 0.0018	< 0.0012	< 0.0022	< 0.0020	< 0.0016	< 0.0012	< 0.0020	< 0.00099	< 0.0020	< 0.0026	< 0.0020	< 0.0020	< 0.0030	< 0.0017	< 0.0021	< 0.0023	< 0.0019	

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide ¹																SAP-58				SAP-59				SAP-60				SAP-61				SAP-64			
	Direct Contact			Migration to Groundwater	0		4		12		16		0		4		12		16		0		4		12		16		0		4		12		16	
	Residential	Industrial	Construction		0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4		
1,1,1,2-Tetrachloroethane	28	88	680	0.043	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
1,1,1-Trichloroethane	640	640	640	1.4	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
1,1,2-Trichloroethane	8.4	1900	0.0059	0.0059	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
1,1,2-Trichloroethane	2.1	6.3	0.332	<0.0020	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
1,1-Dichloroethane	50	1600	1700	0.16	<0.00098	<0.0010	<0.0010	<0.00097	<0.00094	<0.00086	<0.0011	<0.0011	<0.00096	<0.0011	<0.0011	<0.00090	<0.0015	<0.00094	<0.0010	<0.0010	<0.0011	<0.00099	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
1,1-Dichloroethene	320	1000	1200	0.05	<0.00098	<0.0010	<0.0010	<0.00097	<0.00094	<0.00086	<0.0011	<0.0011	<0.00096	<0.0011	<0.0011	<0.00090	<0.0015	<0.00094	<0.0010	<0.0010	<0.0011	<0.00099	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
1,1-Dichloropropane	NS	NS	NS	NS	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
1,2-Dichloropropane	0.071	1.1	46	0.000605	<0.00094	<0.00095	<0.00094	<0.00091	<0.00089	<0.00084	<0.00096	<0.00096	<0.00096	<0.00094	<0.00093	<0.00087	<0.00095	<0.00094	<0.00093	<0.00094	<0.00097	<0.00097	<0.00094	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095	<0.00095		
1,2,4-Trichlorobenzene	81	260	400	4.1	<0.0049	<0.0051	<0.0051	<0.0048	<0.0047	<0.0043	<0.0056	<0.0056	<0.0048	<0.0053	<0.0057	<0.0045	<0.0077	<0.0047	<0.0051	<0.0050	<0.0053	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050			
1,2,4-Trimethylbenzene	220	220	220	16	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
1,2-Dibromo-3-Chloropropane	0.017	86	0.0017	0.0017	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
1,2-Dibromobenzene	0.5	1.6	180	0.00028	<0.00098	<0.0010	<0.0010	<0.00097	<0.00094	<0.00086	<0.0011	<0.0011	<0.00096	<0.0011	<0.0011	<0.00090	<0.0015	<0.00094	<0.0010	<0.0010	<0.0011	<0.00099	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
1,2-Dichlorobenzene	380	380	380	12	<0.00098	<0.0010	<0.0010	<0.00097	<0.00094	<0.00086	<0.0011	<0.0011	<0.00096	<0.0011	<0.0011	<0.00090	<0.0015	<0.00094	<0.0010	<0.0010	<0.0011	<0.00099	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
1,2-Dichloroethane	6.4	20	730	0.028	<0.00098	<0.0010	<0.0010	<0.00097	<0.00094	<0.00086	<0.0011	<0.0011	<0.00096	<0.0011	<0.0011	<0.00090	<0.0015	<0.00094	<0.0010	<0.0010	<0.0011	<0.00099	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
1,2-Dichloroethene	66	360	0.033	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
1,2,4-Trimethylbenzene	180	180	180	17	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
1,3-Dichlorobenzene	NS	NS	NS	NS	<0.00098	<0.0010	<0.0010	<0.00097	<0.00094	<0.00086	<0.0011	<0.0011	<0.00096	<0.0011	<0.0011	<0.00090	<0.0015	<0.00094	<0.0010	<0.0010	<0.0011	<0.00099	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
1,3-Dichloropropane	1500	1500	1500	2.6	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
1,4-Dichlorobenzene	38	110	16000	14	<0.00098	<0.0010	<0.0010	<0.00097	<0.00094	<0.00086	<0.0011	<0.0011	<0.00096	<0.0011	<0.0011	<0.00090	<0.0015	<0.00094	<0.0010	<0.0010	<0.0011	<0.00099	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
1,4-Dichloropropane	NS	NS	NS	NS	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
2-Butanone (MEK)	28000	28000	28000	23	0.0057 J	0.0110	0.0046 J	0.0087	0.0094	0.0086	0.011	0.011	0.0096	0.011	0.011	0.0090	0.015	0.0094	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
2-Chloroethanol	910	910	910	4.7	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
4-Chloroethanol	250	250	250	4.8	<0.0020	<0.0020	<0.0020	<0.0019	<0.0019	<0.0017	<0.0022	<0.0022	<0.0019	<0.0021	<0.0023	<0.0018	<0.0031	<0.0019	<0.0020	<0.0020	<0.0021	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020		
4-Methyl-2-Pentanone	3400	3400	3400	28	<0.0049	<0.0051	<0.0051	<0.0048	<0.0047	<0.0043	<0.0056	<0.0056	<0.0048	<0.0053	<0.0057	<0.0045	<0.0077	<0.0047	<0.0051	<0.0050	<0.0053	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		
Benzene	100000	100000	100000	57	0.0612	0.0251	0.0073	0.0251	0.0073	0.0043	0.0056	0.0056	0.0048	0.0053	0.0057	0.0045	0.0077	0.0047	0.0051	0.0050	0.0053	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050		
Benzene	17	51	1900	0.051	<0.0049	<0.0051	<0.0051	<0.0048	<0.0047	<0.0043	<0.0056	<0.0056	<0.0048	<0.0053	<0.0057	<0.0045	<0.0077	0.0023	<0.0051	<0.0050	<0.0053	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050		
Bromobenzene	410	680	680	0.84	<0.0049	<0.0051	<0.0051	<0.0048	<0.0047	<0.0043	<0.0056	<0.0056	<0.0048	<0.0053	<0.0057	<0.0045	<0.0077	<0.0047	<0.0051	<0.0050	<0.0053	<0.0050</														

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*			SAP-63																SAP-65																SAP-66																SAP-67																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	Direct Contact			Migration to Groundwater	4				8				12				16				20				24				28				32				36				40				44				48				52				56				60				64				68				72				76				80				84				88				92				96				100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Residential	Industrial	Construction		2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019	2/26/2019

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

[illegible]

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Remediation Closure Guide ¹													SAP-72				SAP-73				SAP-74				SAP-75											
Analyte	Direct Contact			Migration to Groundwater	1		4		8		12		16		12		16		12		16		8		12		16		4		8		12		16	
	Residential	Industrial	Construction		2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019	2/28/2019	3/28/2019				
1,1,1,2-tetrachloroethane	28	68	680	0.043	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022		
1,1,1-Trichloroethane	640	640	640	0.043	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022		
1,1,2,2-Tetrachloroethane	8.4	2.7	1900	0.0059	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022		
1,2,1-Trichloroethane	2.1	6.3	35	0.032	<0.0023	0.00098 J	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	0.0011 J	<0.0021	<0.0022	<0.0021	<0.0022			
1,1-Dichloroethane	50	160	1700	0.16	<0.0011	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	<0.00096	<0.00099			
1,2-Dichloroethane	320	1200	1200	0.06	<0.0011	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	<0.00096	<0.00099			
1,1-Dichloropropene	NS	NS	NS	NS	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022			
1,2,3-Trichlorobenzene	88	930	1600	0.42	<0.0057	<0.0051	<0.0050	<0.0057	<0.0064	<0.0054	<0.0051	<0.0056	<0.0052	<0.0054	<0.0063	<0.0054	<0.0053	<0.0054	<0.0057	<0.0053	<0.0061	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049			
1,2,3-Trichloropropane	0.771	11	46	0.00065	<0.0057	<0.0051	<0.0050	<0.0057	<0.0064	<0.0054	<0.0051	<0.0056	<0.0052	<0.0054	<0.0063	<0.0054	<0.0053	<0.0054	<0.0057	<0.0053	<0.0061	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049			
1,2,4-Trichlorobenzene	81	260	40	4.1	<0.0057	<0.0051	<0.0050	<0.0057	<0.0064	<0.0054	<0.0051	<0.0056	<0.0052	<0.0054	<0.0063	<0.0054	<0.0053	<0.0054	<0.0057	<0.0053	<0.0061	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049			
1,3,5-Trimethylbenzene	220	220	16	0.023	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022			
1,2-Dibromo-3-chloropropane	0.074	0.84	96	0.017	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022			
1,2-Dibromobenzene	0.5	1.6	180	0.00028	<0.0011	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	<0.00096	<0.00099				
1,2-Dichlorobenzene	380	380	380	12	<0.0011	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	<0.00096	<0.00099				
1,3-Dichlorobenzene	6.4	20	730	0.098	<0.0011	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	<0.00096	<0.00099				
1,4-Dichlorobenzene	22	66	360	0.133	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022			
1,3,5-Trimethylbenzene	180	180	180	1.7	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022			
1,3-Dichlorobenzene	NS	NS	NS	NS	<0.0011	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	<0.00096	<0.00099				
1,3-Dichloropropane	1500	1500	1500	2.6	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022			
1,3-Dichlorobenzene	110	1600	14	0.010	<0.0011	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0011	<0.0013	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0012	<0.00096	<0.00099				
2,2-Dichloropropane	NS	NS	NS	NS	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022			
2-Butanone (MEK)	28000	28000	28000	23	<0.011	<0.01	<0.01	<0.011	<0.013	<0.011	<0.01	<0.011	<0.01	<0.011	<0.013	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.012	<0.0096	<0.0099	<0.0099	<0.0099			
2-Chlorotoluene	190	910	910	4.7	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022			
4-Chlorotoluene	250	250	250	4.8	<0.0023	<0.0020	<0.0020	<0.0023	<0.0026	<0.0022	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0025	<0.0022	<0.0022	<0.0022	<0.0021	<0.0022	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022	<0.0021	<0.0022			
Methyl-2-Pentanoate	3400	3400	28	0.057	<0.0057	<0.0051	<0.0050	<0.0057	<0.0064	<0.0054	<0.0051	<0.0056	<0.0052	<0.0054	<0.0063	<0.0054	<0.0053	<0.0054	<0.0057	<0.0053	<0.0061	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049			
Acetone	85000	100000	100000	57	0.0311	<0.001	0.0144	0.0160	0.0189	0.0241	0.0097 J	0.0118	0.0263	0.0182	0.0238	<0.011	0.0106 J	0.0093 J	0.0165	0.0191	0.106	0.0134	0.0286	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
Benzene	17	51	1800	0.051	<0.00057	<0.00051	<0.00050	<0.00057	<0.00064	<0.00054	<0.00051	<0.00056	<0.00052	<0.00054	<0.00063	<0.00054	<0.00053	<0.00054	<0.00057	<0.00053	<0.00061	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049	<0.0048	<0.0049			
Bromobenzene	410	680	680	0.84	<0.0057	<0.0051	<0.0050	<0.0057	<0.0064	<0.0054	<0.0051	<0.0056																								

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guid*				SAP-76				SAP-77				SAP-78				SAP-79			
	Direct Contact		Construction	Migration to Groundwater	4		12		16		20		4		12		16		4	
	Residential	Industrial			2/28/2019	3/28/2019	4/28/2019	5/28/2019	6/28/2019	7/28/2019	8/28/2019	9/28/2019	10/28/2019	11/28/2019	12/28/2019	1/28/2020	2/28/2020	3/28/2020	4/28/2020	5/28/2020
1,1,1,2-Tetrachloroethane	28	88	680	0.043	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
1,1,1-Trichloroethane	640	640	640	1.4	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
1,1,2-Trichloroethane	2.1	6.3	35	0.032	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
1,1-Dichloroethane	50	160	1700	0.16	< 0.0016	< 0.0011	< 0.0015	< 0.13	< 0.12	< 0.0010	< 0.0015	< 0.00095	< 0.0011	< 0.0013	< 0.0010	< 0.0011	< 0.0011	< 0.0010	< 0.0011	< 0.0011
1,1-Dichloroethene	320	1000	1200	0.05	< 0.0016	< 0.0011	< 0.0015	< 0.13	< 0.12	< 0.0010	< 0.0015	< 0.00095	< 0.0011	< 0.0013	< 0.0010	< 0.0011	< 0.0011	< 0.0010	< 0.0011	< 0.0011
1,1-Dichloropropene	NS	NS	NS	NS	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
1,2,3-Trichlorobenzene	88	930	1600	0.42	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
1,2,3-Trichloropropene	0.071	1.1	46	0.00065	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
1,2,4-Trichlorobenzene	81	260	400	4.1	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
1,2,4-Trimethylbenzene	220	220	220	1.6	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
1,2-Dibromomethane	0.5	1.6	180	0.00028	< 0.0016	< 0.0011	< 0.0015	< 0.13	< 0.12	< 0.0010	< 0.0015	< 0.00095	< 0.0011	< 0.0013	< 0.0010	< 0.0011	< 0.0011	< 0.0010	< 0.0011	< 0.0011
1,2-Dichlorobenzene	380	380	380	12	< 0.0016	< 0.0011	< 0.0015	< 0.13	< 0.12	< 0.0010	< 0.0015	< 0.00095	< 0.0011	< 0.0013	< 0.0010	< 0.0011	< 0.0011	< 0.0010	< 0.0011	< 0.0011
1,2-Dichloroethane	6.4	20	730	0.028	< 0.0016	< 0.0011	< 0.0015	< 0.13	< 0.12	< 0.0010	< 0.0015	< 0.00095	< 0.0011	< 0.0013	< 0.0010	< 0.0011	< 0.0011	< 0.0010	< 0.0011	< 0.0011
1,2-Dichloropropane	22	66	360	0.033	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.0016	< 0.0011	< 0.0015	< 0.13	< 0.12	< 0.0010	< 0.0015	< 0.00095	< 0.0011	< 0.0013	< 0.0010	< 0.0011	< 0.0011	< 0.0010	< 0.0011	< 0.0011
1,3-Dichloropropene	1500	1500	1500	2.6	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.0016	< 0.0011	< 0.0015	< 0.13	< 0.12	< 0.0010	< 0.0015	< 0.00095	< 0.0011	< 0.0013	< 0.0010	< 0.0011	< 0.0011	< 0.0010	< 0.0011	< 0.0011
2,2-Dichloropropane	NS	NS	NS	NS	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
2-Butanone (MEK)	28000	28000	28000	23	< 0.016	< 0.011	< 0.015	< 1.3	< 1.2	< 0.01	< 0.015	< 0.0095	< 0.011	< 0.013	< 0.01	< 0.011	< 0.011	< 0.01	< 0.011	< 0.011
2-Chlorotoluene	910	910	910	4.7	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
4-Chlorotoluene	250	250	250	4.8	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
4-Methyl-2-Pentanone	3400	3400	3400	28	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
Acetone	85000	100000	100000	57	0.0125 J	0.0138	0.0374	< 1.3	< 1.2	0.0375	0.0816	0.0733	0.0327	0.115	0.0180	< 0.011	0.0885	0.0545	0.0258	0.0714
Benzene	17	51	1800	0.051	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
Bromobenzene	410	680	680	0.84	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
Bromochloromethane	210	630	3500	0.41	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
Bromodichloromethane	4.1	13	930	0.43	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
Bromofluoromethane	270	860	920	0.42	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
Bromomethane	9.5	30	160	0.038	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	9.1	29	460	0.039	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
CFC-11	1200	1200	1200	66	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
CFC-12	120	370	850	6	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
Chlorobenzene	390	760	760	1.4	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
Chlorobromomethane	120	390	800	0.43	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	< 0.0022	< 0.0021	< 0.0021	< 0.0023
Chloroethane	2100	2100	2100	120	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	< 0.0056
Chloroform	4.5	14	1900	0.44	< 0.0032	< 0.0022	< 0.0030	< 0.27	< 0.24	< 0.0020	< 0.0029	< 0.0019	< 0.0022	< 0.0026	< 0.0020	< 0.0021	0.00081 J	< 0.0021	< 0.0021	< 0.0023
Chloromethane	150	460	1300	0.98	< 0.0081	< 0.0055	< 0.0076	< 0.66	< 0.59	< 0.0051	< 0.0074	< 0.0048	< 0.0055	< 0.0065	< 0.0050	< 0.0053	< 0.0056	< 0.0052	< 0.0053	<

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide?										SAP-80										SAP-81										SAP-82										SAP-83									
	Direct Contact				Migration to Groundwater				4				8				12				16				20				4				8				12				16				20					
	Residential	Industrial	Construction		4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019	4/1/2019	8/1/2019																
1,1,1,2-Tetrachloroethane	28	88	680	0.043	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
1,1,1-Trichloroethane	640	640	640	1.4	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
1,1,2-Trichloroethane	21	0.0059	0.0059	0.0059	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
1,2-Trichloroethane	640	640	35	0.032	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
1,1-Dichloroethane	50	160	1700	0.16	< 0.00095	< 0.0010	< 0.0011	< 0.0010	< 0.0010	< 0.0011	< 0.0011	< 0.0012	< 0.0010	< 0.0010	< 0.0010	< 0.0012	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011														
1,1-Dichloroethene	320	1000	1200	0.05	< 0.00095	< 0.0010	< 0.0011	< 0.0010	< 0.0010	< 0.0011	< 0.0011	< 0.00095	< 0.0010	< 0.0010	< 0.0010	< 0.0012	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011														
1-Dichloropropane	NS	NS	NS	NS	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
1,2-Dichloropropane	0.071	1.1	NA	0.000065	< 0.0047	< 0.0052	< 0.0055	< 0.0052	< 0.0050	< 0.0054	< 0.0057	< 0.0062	< 0.0051	< 0.0052	< 0.0050	< 0.0060	< 0.0055	< 0.0052	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057														
1,2,4-Trichlorobenzene	281	260	400	4.1	< 0.0047	< 0.0052	< 0.0055	< 0.0052	< 0.0050	< 0.0054	< 0.0057	< 0.0062	< 0.0051	< 0.0052	< 0.0050	< 0.0060	< 0.0055	< 0.0052	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057														
1,2,4-Trimethylbenzene	220	220	220	1.6	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
1,2,4,5-Tetrachloro-3-chloropropane	0.074	0.64	0.64	0.0017	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
1,2-Dibromobenzene	0.38	0.5	1.6	0.00028	< 0.00095	< 0.0010	< 0.0011	< 0.0010	< 0.0010	< 0.0011	< 0.0011	< 0.0012	< 0.0010	< 0.0010	< 0.0010	< 0.0012	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011														
1,2-Dichlorobenzene	120	380	380	12	< 0.00095	< 0.0010	< 0.0011	< 0.0010	< 0.0010	< 0.0011	< 0.0011	< 0.0012	< 0.0010	< 0.0010	< 0.0010	< 0.0012	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011														
1,2-Dichloropropane	6.4	20	730	0.028	< 0.00095	< 0.0010	< 0.0011	< 0.0010	< 0.0010	< 0.0011	< 0.0011	< 0.0012	< 0.0010	< 0.0010	< 0.0010	< 0.0012	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011														
1,2,4-Trimethylbenzene	22	66	360	0.033	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
1,3,5-Trimethylbenzene	180	180	17	0.0017	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.00095	< 0.0010	< 0.0011	< 0.0010	< 0.0010	< 0.0011	< 0.0011	< 0.0012	< 0.0010	< 0.0010	< 0.0010	< 0.0012	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011														
1,3-Dichloropropane	1500	1500	1500	2.6	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
1,4-Dichlorobenzene	38	110	16000	1.4	< 0.00095	< 0.0010	< 0.0011	< 0.0010	< 0.0010	< 0.0011	< 0.0011	< 0.0012	< 0.0010	< 0.0010	< 0.0010	< 0.0012	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011														
1,4-Dichloroethane	NS	NS	NS	NS	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
3-Butenone (MEX)	28000	28000	23	28000	23	< 0.0095	< 0.01	< 0.01	< 0.01	< 0.012	< 0.011	< 0.011	< 0.01	< 0.01	< 0.01	< 0.012	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
2-Chlorotoluene	910	910	910	4.7	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
4-Chlorotoluene	250	250	250	4.8	< 0.0019	< 0.0021	< 0.0022	< 0.0021	< 0.0020	< 0.0022	< 0.0023	< 0.0025	< 0.0020	< 0.0021	< 0.0020	< 0.0024	< 0.0022	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023	< 0.0021	< 0.0023															
4-Methyl-2-Pentanone	3400	3400	3400	28	< 0.0047	< 0.0052	< 0.0055	< 0.0052	< 0.0050	< 0.0054	< 0.0057	< 0.0062	< 0.0051	< 0.0052	< 0.0050	< 0.0060	< 0.0055	< 0.0052	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057	< 0.0053	< 0.0057														
Carbon Tetrachloride	85																																																	

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Remediation Closure Guide ^a				SAP-84										SAP-85										SAP-86										SAP-87									
	Direct Contact			Migration to	4		8		12		16		20		4		8		12		16		20		4		8		12		16		20		4		8		12		16		
Analyte	Residential	Industrial	Construction	Groundwater	4/10/2019	8/10/2019	12/10/2019	4/10/2019	8/10/2019	12/10/2019	4/10/2019	8/10/2019	12/10/2019	4/10/2019	8/10/2019	12/10/2019	4/10/2019	8/10/2019	12/10/2019	4/10/2019	8/10/2019	12/10/2019	4/10/2019	8/10/2019	12/10/2019	4/10/2019	8/10/2019	12/10/2019	4/10/2019	8/10/2019	12/10/2019	4/10/2019	8/10/2019	12/10/2019	4/10/2019	8/10/2019	12/10/2019	4/10/2019	8/10/2019	12/10/2019			
1,1,1,2-tetrachloroethane	28	68	680	0.043	< 0.0018	< 0.0020	< 0.0021	< 0.0018	< 0.0019	< 0.0027	< 0.0020	< 0.0019	< 0.0025	< 0.0043	< 0.0028	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018		
1,1,1-Trichloroethane	840	640	14	0.0021	< 0.0018	< 0.0021	< 0.0018	< 0.0019	< 0.0027	< 0.0020	< 0.0019	< 0.0025	< 0.0043	< 0.0028	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018			
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.0018	< 0.0020	< 0.0021	< 0.0018	< 0.0019	< 0.0027	< 0.0020	< 0.0019	< 0.0025	< 0.0043	< 0.0028	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018		
1,2,2-Trichloroethane	2.1	6.3	35	0.032	< 0.0018	< 0.0020	< 0.0021	< 0.0018	< 0.0019	< 0.0027	< 0.0020	< 0.0019	< 0.0025	< 0.0043	< 0.0028	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018		
1-Dichlorobenzene	50	160	1700	0.16	< 0.00091	< 0.00099	< 0.0011	< 0.00091	< 0.00095	< 0.0014	< 0.0010	< 0.00093	< 0.0013	< 0.0021	< 0.0014	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	
Chlorobenzene	1200	1000	0.05	0.0081	< 0.00091	< 0.00099	< 0.0011	< 0.00091	< 0.00095	< 0.0014	< 0.0010	< 0.00093	< 0.0013	< 0.0021	< 0.0014	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	
1-Chloropropane	NS	NS	NS	NS	< 0.0018	< 0.0020	< 0.0021	< 0.0018	< 0.0019	< 0.0027	< 0.0020	< 0.0019	< 0.0025	< 0.0043	< 0.0028	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018		
1,2-Dichlorobenzene	88	930	1600	0.42	< 0.0046	< 0.0050	< 0.0053	< 0.0046	< 0.0048	< 0.0068	< 0.0050	< 0.0047	< 0.0063	< 0.011	< 0.0071	< 0.0051	< 0.0046	< 0.0051	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050		
2,3-Trichloropropene	0.071	11	46	0.000065	< 0.0046	< 0.0050	< 0.0053	< 0.0046	< 0.0048	< 0.0068	< 0.0050	< 0.0047	< 0.0063	< 0.011	< 0.0071	< 0.0051	< 0.0046	< 0.0051	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050		
1,2,4-Trichlorobenzene	81	260	400	4.1	< 0.0046	< 0.0050	< 0.0053	< 0.0046	< 0.0048	< 0.0068	< 0.0050	< 0.0047	< 0.0063	< 0.011	< 0.0071	< 0.0051	< 0.0046	< 0.0051	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050		
1,1,1-Trifluorobenzene	220	220	1.6	0.0018	< 0.0018	< 0.0020	< 0.0021	< 0.0018	< 0.0019	< 0.0027	< 0.0020	< 0.0019	< 0.0025	< 0.0043	< 0.0028	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018		
1,2-Dibromo-3-chloropropane	0.074	0.84	96	0.0017	< 0.0018	< 0.0020	< 0.0021	< 0.0018	< 0.0019	< 0.0027	< 0.0020	< 0.0019	< 0.0025	< 0.0043	< 0.0028	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018		
1,2-Bromochloroethane	0.5	1.6	0.00028	< 0.00091	< 0.00099	< 0.0011	< 0.00091	< 0.00095	< 0.0014	< 0.0010	< 0.00093	< 0.0013	< 0.0021	< 0.0014	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010		
1-Dichloroethane	380	380	380	12	< 0.00091	< 0.00099	< 0.0011	< 0.00091	< 0.00095	< 0.0014	< 0.0010	< 0.00093	< 0.0013	< 0.0021	< 0.0014	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	
1,2-Dichloroethane	6.4	20	730	0.028	< 0.00091	< 0.00099	< 0.0011	< 0.00091	< 0.00095	< 0.0014	< 0.0010	< 0.00093	< 0.0013	< 0.0021	< 0.0014	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	
Chloroethane	22	360	63	0.033	< 0.0018	< 0.0020	< 0.0021	< 0.0018	< 0.0019	< 0.0027	< 0.0020	< 0.0019	< 0.0025	< 0.0043	< 0.0028	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018		
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.0018	< 0.0020	< 0.0021	< 0.0018	< 0.0019	< 0.0027	< 0.0020	< 0.0019	< 0.0025	< 0.0043	< 0.0028	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018		
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.00091	< 0.00099	< 0.0011	< 0.00091	< 0.00095	< 0.0014	< 0.0010	< 0.00093	< 0.0013	< 0.0021	< 0.0014	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	
1,3-Dichloropropane	1500	1500	1500	2.6	< 0.0018	< 0.0020	< 0.0021	< 0.0018	< 0.0019	< 0.0027	< 0.0020	< 0.0019	< 0.0025	< 0.0043	< 0.0028	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018	< 0.0021	< 0.0020	< 0.0018		
Chlorobenzene	110	1600	110	0.00091	< 0.00091	< 0.00099	< 0.0011	< 0.00091	< 0.00095	< 0.0014	< 0.0010	< 0.00093	< 0.0013	< 0.0021	< 0.0014	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	< 0.0010	< 0.0010	< 0.00092	<	

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide ¹																SAP-88				SAP-89				SAP-90				SAP-91				SAP-92				SAP-93				SAP-94																																																																																																																																																																																																																																																																																																																																																		
	Direct Contact			Migration to Groundwater	4		8		12		16		4		8		12		16		4		8		12		16		4		8		12		16		25-26		35-36		15-16																																																																																																																																																																																																																																																																																																																																																		
	Residential	Industrial	Construction		4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019	4/10/2019																																																																																																																																																																																																																																																																																																																																																			
1,1,1,2-Tetrachloroethane	28	88	680	0.043	<0.0020	<0.0023	<0.0034	<0.0024	<0.0021	<0.0025	<0.0024	<0.0022	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020																																																																																																																																																																																																																																																																																																																																																
1,1,1-Trichloroethane	640	640	640	1.4	<0.0020	<0.0023	<0.0034	<0.0024	<0.0021	<0.0025	<0.0024	<0.0022	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020																																																																																																																																																																																																																																																																																																																																															
1,1,2-Trichloroethane	8.4	1900	0.0059	0.0059	<0.0020	<0.0023	<0.0034	<0.0024	<0.0021	<0.0025	<0.0024	<0.0022	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020																																																																																																																																																																																																																																																																																																																																														
1,1,2-Trichloroethane	2.1	6.3	0.332	<0.0020	<0.0023	<0.0034	<0.0024	<0.0021	<0.0025	<0.0024	<0.0022	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020																																																																																																																																																																																																																																																																																																																																													
1,1-Dichloroethane	50	1600	1700	0.16	<0.00098	<0.0012	<0.0017	<0.0012	<0.0011	<0.0012	<0.0012	<0.0011	<0.00098	<0.00098	<0.0010	<0.0011	<0.0013	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<0.0011	<0.0012	<0.00098	<

*2019 Remediation Closure Guide screening Levels
Results in mg/kg
Bold font indicates detected analyte
Blue shading indicates result above migration to groundwater level
Green shading indicates result over industrial direct contact level

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*				SAP-95		SAP-96	SAP-96	SAP-96		SAP-97		SAP-98	SAP-99		SAP-100		SAP-101	SAP-102			
	Residential	Direct Contact Industrial	Construction	Migration to Groundwater	11-12	23-24	11-12	20-21	23-24	28-30	15-16	29-30	19-20	14-15	34-35	11-12	21-22	15-16	21-22	26-27	17-18	20-21
1,1,1,2-Tetrachloroethane	28	88	680	0.043	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
1,1,1-Trichloroethane	640	640	640	1.4	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
1,1,2-Trichloroethane	2.1	6.3	95	0.032	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	0.0060	< 0.0028
1,1-Dichloroethane	50	160	1700	0.16	< 0.13	< 0.00094	< 0.00094	< 0.0010	< 0.0010	< 0.00097	< 0.0012	< 0.0010	< 0.00096	< 0.0012	< 0.00099	< 0.13	< 0.0010	< 0.0011	< 0.0012	< 0.00094	< 0.0013	< 0.0014
1,1-Dichloroethene	320	1000	1200	0.05	< 0.13	< 0.00094	< 0.00094	< 0.0010	< 0.0010	< 0.00097	< 0.0012	< 0.0010	< 0.00096	0.0102	< 0.00099	< 0.13	< 0.0010	< 0.0011	0.0013	0.0052	< 0.0013	0.201
1,1-Dichloropropene	NS	NS	NS	NS	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
1,2,3-Trichlorobenzene	88	930	1600	0.42	< 0.64	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	2.3	< 0.0051	< 0.0054	< 0.0061	< 0.0047	< 0.0067	< 0.0071
1,2,4-Trichlorobenzene	0.071	0.071	0.071	0.00065	< 0.64	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	9.82	< 0.0051	< 0.0054	< 0.0061	< 0.0047	< 0.0067	< 0.0071
1,2,4-Trichlorobenzene	81	260	400	4.1	< 0.64	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	9.82	< 0.0051	< 0.0054	< 0.0061	< 0.0047	< 0.0067	< 0.0071
1,2,4-Trimethylbenzene	220	220	220	1.6	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	1.51	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
1,2-Dichloroethane	0.5	1.6	180	0.00028	< 0.13	< 0.00094	< 0.00094	< 0.0010	< 0.0010	< 0.00097	< 0.0012	< 0.0010	< 0.00096	< 0.0012	< 0.00099	< 0.13	< 0.0010	< 0.0011	< 0.0012	< 0.00094	< 0.0013	< 0.0014
1,2-Dichlorobenzene	380	380	380	12	< 0.13	< 0.00094	< 0.00094	< 0.0010	< 0.0010	< 0.00097	< 0.0012	< 0.0010	< 0.00096	< 0.0012	< 0.00099	< 0.13	< 0.0010	< 0.0011	< 0.0012	< 0.00094	< 0.0013	< 0.0014
1,2-Dichloroethane	6.4	20	730	0.028	< 0.13	< 0.00094	< 0.00094	< 0.0010	< 0.0010	< 0.00097	< 0.0012	< 0.0010	< 0.00096	< 0.0012	< 0.00099	< 0.13	< 0.0010	< 0.0011	< 0.0012	< 0.00094	< 0.0013	< 0.0014
1,2-Dichloropropane	22	66	360	0.033	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
1,3,5-Trimethylbenzene	180	180	180	1.7	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	0.567	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.13	< 0.00094	< 0.00094	< 0.0010	< 0.0010	< 0.00097	< 0.0012	< 0.0010	< 0.00096	< 0.0012	< 0.00099	< 0.13	< 0.0010	< 0.0011	< 0.0012	< 0.00094	< 0.0013	< 0.0014
1,3-Dichloropropane	1500	1500	1500	2.6	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.13	< 0.00094	< 0.00094	< 0.0010	< 0.0010	< 0.00097	< 0.0012	< 0.0010	< 0.00096	< 0.0012	< 0.00099	0.151	< 0.0010	< 0.0011	< 0.0012	< 0.00094	< 0.0013	< 0.0014
2,2-Dichlorobenzene	NS	NS	NS	NS	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
2-Butanone (MEK)	28000	28000	28000	23	< 1.3	< 0.0094	< 0.0094	< 0.01	< 0.01	< 0.0097	< 0.012	< 0.01	< 0.0096	< 0.012	< 0.0099	< 1.3	< 0.01	< 0.011	< 0.012	< 0.0094	< 0.013	< 0.014
2-Chlorotoluene	910	910	910	4.7	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
4-Chlorotoluene	250	250	250	4.8	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
4-Methyl-2-Pentanone	3400	3400	3400	28	< 0.64	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	< 0.64	< 0.0051	< 0.0054	< 0.0061	< 0.0047	< 0.0067	< 0.0071
Acetone	85000	100000	100000	57	< 1.3	0.0052 J	0.0063 J	0.0047 J	0.0085 J	0.0211	0.0054 J	0.0235	0.0041 J	0.0179	0.0128	< 1.3	0.0157	< 0.011	0.0060 J	0.0179	0.0145	0.0221
Benzene	51	1800	1800	0.051	< 0.064	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	< 0.64	< 0.0051	< 0.0054	< 0.0061	0.0036	< 0.0067	0.0014
Bromobenzene	410	680	680	0.84	< 0.64	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	< 0.64	< 0.0051	< 0.0054	< 0.0061	< 0.0047	< 0.0067	< 0.0071
Bromochloromethane	210	630	3500	0.41	< 0.64	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	< 0.64	< 0.0051	< 0.0054	< 0.0061	< 0.0047	< 0.0067	< 0.0071
Bromodichloromethane	4.1	13	930	0.43	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
Bromofrom	270	860	920	0.42	< 0.64	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	< 0.64	< 0.0051	< 0.0054	< 0.0061	< 0.0047	< 0.0067	< 0.0071
Bromomethane	9.5	30	160	0.038	< 0.64	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	< 0.64	< 0.0051	< 0.0054	< 0.0061	< 0.0047	< 0.0067	< 0.0071
Carbon Disulfide	740	740	740	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	9.1	29	460	0.039	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
CFCl-11	1200	1200	1200	66	< 0.64	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	< 0.64	< 0.0051	< 0.0054	< 0.0061	< 0.0047	< 0.0067	< 0.0071
CFCl-12	120	370	850	6	< 0.64	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	< 0.64	< 0.0051	< 0.0054	< 0.0061	< 0.0047	< 0.0067	< 0.0071
Chlorobenzene	390	760	760	1.4	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
Chlorodibromomethane	120	390	800	0.43	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021	< 0.0019	< 0.0024	< 0.0020	< 0.25	< 0.0020	< 0.0022	< 0.0024	< 0.0019	< 0.0027	< 0.0028
Chloroethane	2100	2100	2100	120	< 0.64	< 0.0047	< 0.0047	< 0.0052	< 0.0052	< 0.0048	< 0.0060	< 0.0052	< 0.0048	< 0.0061	< 0.0049	< 0.64	< 0.0051	< 0.0054	< 0.0061	< 0.0047	< 0.0067	< 0.0071
Chloroform	4.5	14	1900	0.44	< 0.26	< 0.0019	< 0.0019	< 0.0021	< 0.0021	< 0.0019	< 0.0024	< 0.0021										

Table 4
Results of the Analysis of VOCs in Soil
GE Tell City Facility
1412 13th Street, Tell City, Indiana

Analyte	Remediation Closure Guide*				SAP-103		
	Residential	Industrial	Construction	Migration to Groundwater	6-7 10/2/2019	11-12 10/2/2019	33-34 10/2/2019
1,1,1,2-Tetrachloroethane	28	88	680	0.043	< 0.0028	< 0.0023	< 0.0012
1,1,1-Trichloroethane	640	640	640	1.4	< 0.0028	< 0.0023	< 0.0012
1,1,2,2-Tetrachloroethane	8.4	27	1900	0.0059	< 0.0028	< 0.0023	< 0.0012
1,1,2-Trichloroethane	2.1	6.3	35	0.032	< 0.0028	< 0.0023	< 0.0012
1,1-Dichloroethane	50	160	1700	0.16	< 0.0014	< 0.0012	< 0.00060
1,1-Dichloroethene	320	1000	1200	0.05	< 0.0014	< 0.0012	< 0.00060
1,1-Dichloropropene	NS	NS	NS	NS	< 0.0028	< 0.0023	< 0.0012
1,2,3-Trichlorobenzene	88	930	1600	0.42	0.0031 J	< 0.0058	< 0.0030
1,2,4-Trichlorobenzene	0.071	1.1	46	0.000065	< 0.0071	< 0.0058	< 0.0030
1,2,4-Trimethylbenzene	81	260	400	4.1	0.0125	< 0.0058	< 0.0030
1,2,4-Trimethylbenzene	220	220	220	1.6	0.0102	< 0.0023	< 0.0012
1,2-Dibromo-3-chloropropane	0.074	0.64	86	0.0017	< 0.0028	< 0.0023	< 0.0012
1,2-Dibromomethane	0.5	1.6	180	0.0028	< 0.0014	< 0.0012	< 0.00060
1,2-Dichlorobenzene	380	380	380	12	< 0.0014	< 0.0012	< 0.00060
1,2-Dichloroethane	6.4	20	730	0.028	< 0.0014	< 0.0012	< 0.00060
1,2-Dichloropropane	22	66	360	0.033	< 0.0028	< 0.0023	< 0.0012
1,3,5-Trimethylbenzene	180	180	180	1.7	0.0064	< 0.0023	< 0.0012
1,3-Dichlorobenzene	NS	NS	NS	NS	< 0.0014	< 0.0012	< 0.00060
1,3-Dichloropropane	1500	1500	1500	2.6	< 0.0028	< 0.0023	< 0.0012
1,4-Dichlorobenzene	36	110	16000	1.4	< 0.0014	< 0.0012	< 0.00060
2,2-Dichloropropane	NS	NS	NS	NS	< 0.0028	< 0.0023	< 0.0012
2-Butanone (MEK)	28000	28000	28000	23	< 0.014	< 0.012	< 0.0060
2-Chlorotoluene	910	910	910	4.7	< 0.0028	< 0.0023	< 0.0012
4-Chlorotoluene	250	250	250	4.8	< 0.0028	< 0.0023	< 0.0012
4-Methyl-2-Pentanone	3400	3400	3400	28	< 0.0071	< 0.0058	< 0.0030
Acetone	85000	100000	100000	57	0.0485	0.0220	0.0051 J
Benzene	17	51	1800	0.051	< 0.00071	< 0.00058	< 0.00030
Bromobenzene	410	680	680	0.84	< 0.0071	< 0.0058	< 0.0030
Bromochloromethane	210	630	3500	0.41	< 0.0071	< 0.0058	< 0.0030
Bromodichloromethane	4.1	13	930	0.43	< 0.0028	< 0.0023	< 0.0012
Bromoform	270	860	920	0.42	< 0.0071	< 0.0058	< 0.0030
Bromomethane	9.5	30	160	0.038	< 0.0071	< 0.0058	< 0.0030
Carbon Disulfide	740	740	740	4.8	NA	NA	NA
Carbon Tetrachloride	9.1	29	460	0.039	< 0.0028	< 0.0023	< 0.0012
CFC-11	1200	1200	1200	66	< 0.0071	< 0.0058	< 0.0030
CFC-12	120	370	850	6	< 0.0071	< 0.0058	< 0.0030
Chlorobenzene	380	750	750	1.4	< 0.0028	< 0.0023	< 0.0012
Chlorodibromomethane	120	390	800	0.43	< 0.0028	< 0.0023	< 0.0012
Chloroethane	2100	2100	2100	120	< 0.0071	< 0.0058	< 0.0030
Chloroform	4.5	14	1900	0.44	< 0.0028	< 0.0023	< 0.0012
Chloromethane	150	460	1300	0.98	< 0.0071	< 0.0058	< 0.0030
cis-1,2-Dichloroethene	220	2300	2400	0.41	1.61	0.0222	< 0.00060
cis-1,3-Dichloropropene	NS	NS	NS	NS	< 0.0028	< 0.0023	< 0.0012
Cymene (p-Isopropyltoluene)	NS	NS	NS	NS	< 0.0028	< 0.0023	< 0.0012
Dibromomethane	34	99	550	0.041	< 0.0071	< 0.0058	< 0.0030
Dichloromethane	490	3200	3300	0.025	< 0.0071	0.0032 J	< 0.0030
Ethylbenzene	81	250	480	16	0.0013 J	< 0.0012	< 0.00060
Hexachloro-1,3-butadiene	17	17	17	0.054	0.0025 J	< 0.0058	< 0.0030
Iodomethane	NS	NS	NS	NS	NA	NA	NA
Isopropylbenzene	270	270	270	15	< 0.0028	< 0.0023	< 0.0012
m,p-Xylenes	NS	NS	NS	NS	0.0045	< 0.0012	< 0.00060
Methyl N-Butyl Ketone (2-Hexanone)	280	1300	3300	0.18	NA	NA	NA
Methyl-tert-butylether	660	2100	8900	0.63	< 0.0014	< 0.0012	< 0.00060
Naphthalene	53	170	3100	0.11	0.0052 J	< 0.0058	< 0.0030
n-Butylbenzene	110	110	110	64	0.0102	< 0.0023	< 0.0012
n-Propylbenzene	260	260	260	25	0.0021 J	< 0.0023	< 0.0012
o-Xylene	430	430	430	3.7	0.0024	< 0.0012	< 0.00060
sec-Butylbenzene	150	150	150	120	0.0042	< 0.0023	< 0.0012
Styrene (Monomer)	870	870	870	2.2	< 0.0028	< 0.0023	< 0.0012
tert-Butylbenzene	180	180	180	31	< 0.0028	< 0.0023	< 0.0012
Tetrachloroethane	110	170	170	0.045	0.0073	< 0.0023	< 0.0012
Toluene	820	820	820	14	< 0.0014	< 0.0012	< 0.00060
Total Xylenes	260	260	260	200	0.0069	< 0.0012	< 0.00060
trans-1,2-Dichloroethene	1900	1900	1900	0.62	0.0104	< 0.0012	< 0.00060
trans-1,3-Dichloropropene	NS	NS	NS	NS	< 0.0028	< 0.0023	< 0.0012
Trichloroethene	5.7	19	95	0.036	0.282	< 0.0012	< 0.00060
Vinyl acetate	1300	2800	2800	1.7	NA	NA	NA
Vinyl chloride	0.83	17	1300	0.014	0.0370	0.0063	< 0.0012

*2019 Remediation Closure Guide screening Levels
 Results in mg/kg
 Bold font indicates detected analyte
 Blue shading indicates result above migration to groundwater level
 Green shading indicates result over industrial direct contact level

APPENDIX A

Boring Logs



Soil Boring Log

Project Name: GE Tell City
Project Number: ALL00911.0017.1000B
Project Location: Tell City, IN

Date Started: 02/27/2019 Date Completed: 02/27/2019
Logger: Keith Antell Editor: Daniel Petzold
Weather Conditions:

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				SAP-59-1	72.2		FILL	
2							SILT; yellowish brown (10YR 5/8); soft; moist.	
3								
4				SAP-59-4 DP	26.5			
5								
6								
7								
8				SAP-59-8 DP	34.9			
9								
10								
11							SILT; dark gray (10YR 4/1); soft, moist.	
12				SAP-59-12 DP	43.5			
13							SILTY CLAY; yellowish brown (10YR 5/8) with some light gray mottling; firm; damp; slightly plastic.	
14								
15								
16				SAP-59-16 DP	30.7			
17								
18								
19								
20				SAP-59-20 (HELD) DP	55.3			
21								
22								
23								
24				SAP-59-24 (HELD)	34.2			
25								
26								
27								
28								
29								
30								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start:
Drilling Fluid: None Water Level Finish:
Remarks: Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor.:
East Coor.:

Soil Boring Log

Project Name: GE Tell City Date Started: 02/26/2019 Logger: Keith Antell
 Project Number: ALL00911.0017.1000B Date Completed: 02/26/2019 Editor: Daniel Petzold
 Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				SAP-60-1	106.7		FILL; sandy gravel	
2								
3								
4				SAP-60-4 DP	79.5		SILTY CLAY; yellowish brown (7.5YR 6/8); firm; dry; slightly plastic.	
5								
6								
7								
8				SAP-60-8 DP	56.1			
9								
10								
11								
12				SAP-60-12 DP	168.8			
13								
14								
15								
16				SAP-60-16 DP	59.0		SAND; strong brown (7.5YR 6/8); fine to medium grained; moist.	
17								
18							SILT; strong brown (7.5YR 6/8); soft; saturated.	
19								
20				SAP-60-20 (HELD)	87.1			
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
 Driller: Josh Holmaugh Sampling Interval: Continuous
 Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
 Drilling Fluid: None Water Level Finish: _____
 Remarks: _____ Converted to Well: ☐ Yes ☒ No
 Surface Elev.: _____
 North Coord.: _____
 East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 02/26/2019 Logger: Keith Antell
Project Number: ALL00911.0017.1000B Date Completed: 02/26/2019 Editor: Daniel Petzold
Project Location: Tell City, IN Weather Conditions: _____

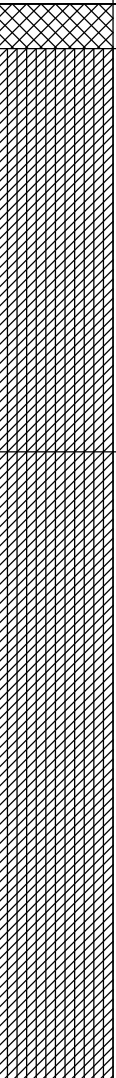

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				SAP-61-1	167.1		FILL; sandy gravel	
2								
3								
4				SAP-61-4 DP	52.3		SILTY CLAY; strng Brown (7.5YR 5/8); firm dry; slightly plastic.	
5								
6								
7								
8				SAP-61-8 DP	212.6			
9								
10								
11							SILTY CLAY; dark gray (7.5YR 4/1); firm; dry; slightly plastic.	
12				SAP-61-12 DP	444.1			
13								
14								
15							SILTY CLAY; strong brown (7.5YR 5/8); moist, becoming wet at 19"; soft.	
16				SAP-61-16 DP	1104			
17								
18								
19								
20				SAP-61-20 (HELD) DP	588.7		SILTY SAND; strong brown (7.5YR 5/8); fin to medium grained; soft; saturated.	
21								
22								
23								
24				SAP-61-24 (HELD) DP	649.2			
25							SAND; gray; fine to medium grained; saturated.	
26								
27								
28					>2000		SILTY CLAY; gray; firm; dry.	
29								
30								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City
 Project Number: ALL00911.0017.1000B
 Project Location: Tell City, IN

Date Started: 02/27/2019 Logger: Keith Antell
 Date Completed: 02/27/2019 Editor: Daniel Petzold
 Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				SAP-62-1	120.1		FILL	
2							SILTY CLAY; yellowish brown (10YR 5/8); firm; dry, becoming moister with depth; slightly plastic.	
3								
4				SAP-62-4 DP	42.4			
5								
6								
7								
8				SAP-62-8 DP	103.2			
9								
10								
11							SILTY CLAY; gray (10YR 5/1); soft; damp; slightly plastic.	
12				SAP-62-12 DP	62.7			
13								
14								
15								
16				SAP-62-16 DP	98.2			
17								
18								
19								
20				SAP-62-20 (HELD) DP	162.8			
21								
22								
23								
24				SAP-62-24 (HELD)	108.9			
25								
26								
27								
28								
29								
30								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
 Driller: Josh Holmaugh Sampling Interval: Continuous
 Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
 Drilling Fluid: None Water Level Finish: _____
 Remarks: _____ Converted to Well: ☐ Yes ☒ No
 Surface Elev.: _____
 North Coord.: _____
 East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 02/28/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 02/28/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			48	AU SAP-63-1			Fill; concrete over gravel base.	
2								
3							SILTY TO CLAYEY SAND; yellowish brown; soft; moist. Likely fill.	
4				SAP-63-4 DP	25.5			
5			48				SILTY CLAY; gray; moist; a few sandy zones and a few <1/2-inch sand layers.	
6								
7								
8				SAP-63-8 DP	7.4			
9			48					
10								
11								
12				SAP-63-12 DP	387			
13			37					
14								
15								
16				SAP-63-16 DP	8.7			
17			38					
18								
19								
20				SAP-63-20 (HELD) DP	11.8			
21			48					
22								
23								
24				SAP-63-24 (HELD)	8.1			
25								
26								
27								
28								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City
Project Number: ALL00911.0017.1000B
Project Location: Tell City, IN

Date Started: 02/25/2019 Date Completed: 02/25/2019
Logger: Keith Antell Editor: Daniel Petzold
Weather Conditions:

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				SAP-65-1	94		CONCRETE	
2							SAND; dark brown (10YR 3/3); medium to coarse grained; dry (FILL).	
3							SILTY CLAY; yellowish brown (10YR 5/8) with gray mottling; firm; dry; slightly plastic.	
4				SAP-65-4 DP	56			
5								
6								
7							SILTY CLAY; strong brown (7.5YR 5/6); soft to firm; damp; slightly plastic.	
8				SAP-65-8 DP	20.1			
9								
10								
11								
12				SAP-65-12 DP	109.2			
13								
14								
15								
16				SAP-65-16 DP	126.1			
17								
18								
19								
20				SAP-65-20 (HELD) DP	121.4		SILTY CLAY; dark gray; soft; damp; slightly plastic.	
21								
22								
23								
24				SAP-65-24 (HELD)	82.4			
25								
26								
27								
28								
29								
30								

Drilling Co.: SCS Environmental
Driller: Josh Holmaugh
Drilling Method: Geoprobe 7822 Direct Push
Drilling Fluid: None
Remarks:

Sampling Method: Dual Tube
Sampling Interval: Continuous
Water Level Start:
Water Level Finish:
Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor.:
East Coor.:

Soil Boring Log

Project Name: GE Tell City
Project Number: ALL00911.0017.1000B
Project Location: Tell City, IN

Date Started: 02/25/2019 Date Completed: 02/25/2019
Logger: Keith Antell Editor: Daniel Petzold
Weather Conditions:

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				SAP-66-1	0		FILL	
2							SILTY CLAY; strong brown (7.5YR 5/8); firm; dry; slightly plastic.	
3							SILT; strong brown (7.5YR 5/8); soft; damp. Saturated at 3.5'	
4				SAP-66-4 DP	0			
5								
6								
7								
8				SAP-66-8 DP	0		SILTY CLAY; gray (7.5YR 5/1) dry; slightly plastic.	
9								
10								
11								
12				SAP-66-12 DP	0			
13								
14								
15								
16				SAP-66-16 DP	0			
17								
18								
19								
20				SAP-66-20 (HELD) DP	0			
21								
22								
23								
24				SAP-66-24 (HELD)	0			
25								
26								
27								
28								
29								
30								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start:
Drilling Fluid: None Water Level Finish:
Remarks: Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Cor.:
East Cor.:

Soil Boring Log

Project Name: GE Tell City Date Started: 02/25/2019 Logger: Keith Antell
Project Number: ALL00911.0017.1000B Date Completed: 02/25/2019 Editor: Daniel Petzold
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				SAP-67-1	0		FILL	
2							SILTY CLAY; yellowish brown (7.5YR 4/4) soft; dry; slightly plastic.	
3								
4				SAP-67-4 DP	47.1			
5								
6								
7							SILTY CLAY; gray (10YR 6/1) with brownish yellow mottling; soft; damp; non-plastic.	
8				SAP-67-8 DP	84.1			
9								
10								
11								
12				SAP-67-12 DP	116.5			
13								
14								
15								
16				SAP-67-16 DP	106.3			
17								
18								
19								
20				SAP-67-20 (HELD) DP	108.4			
21								
22								
23								
24				SAP-67-24 (HELD)	108.3			
25								
26								
27								
28								
29								
30								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City
Project Number: ALL00911.0017.1000B
Project Location: Tell City, IN

Date Started: 02/27/2019 Date Completed: 02/27/2019
Logger: Keith Antell Editor: Daniel Petzold
Weather Conditions:

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				SAP-68-1	139.4		SILTY CLAY; strong brown (7.5YR 5/8); soft, moist; slightly plastic.	
2								
3								
4				SAP-68-4 DP	111.5			
5								
6								
7								
8				SAP-68-8 DP	41.1			
9								
10								
11								
12				SAP-68-12 DP	45.4			
13								
14								
15								
16				SAP-68-16 DP	116.9			
17								
18								
19								
20				SAP-68-20 (HELD) DP	124.5			
21								
22								
23							SILTY CLAY; gray (7.5YR 5/1); soft, damp, slightly plastic.	
24				SAP-68-24 (HELD)	145.2			
25								
26								
27								
28								
29								
30								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start:
Drilling Fluid: None Water Level Finish:
Remarks: Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor.:
East Coor.:

Soil Boring Log

Project Name: GE Tell City
Project Number: ALL00911.0017.1000B
Project Location: Tell City, IN

Date Started: 02/27/2019 Date Completed: 02/27/2019
Logger: Keith Antell Editor: Daniel Petzold
Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				SAP-69-1	45		SILTY CLAY; strong brown (7.5YR 5/8) soft, moist. Slightly plastic.	
2								
3								
4				SAP-69-4 DP	13.1			
5								
6								
7								
8				SAP-69-8 DP	12			
9								
10								
11								
12				SAP-69-12 DP	19.5			
13								
14								
15								
16				SAP-69-16 DP	6.5			
17								
18								
19								
20				SAP-69-20 (HELD) DP	525		SILTY CLAY; gray; soft; moist. Non-plastic.	
21								
22								
23								
24				SAP-69-24 (HELD)	87.5		SAND; reddish yellow (7.5YR 6/6); fine to medium grained; dry.	
25								
26								
27								
28								
29								
30								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City
Project Number: ALL00911.0017.1000B
Project Location: Tell City, IN

Date Started: 02/28/2019 Date Completed: 02/28/2019
Logger: Daniel Petzold Editor:
Weather Conditions:

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			25	DP			Fill; concrete over gravel base.	
2								
3							CLAYEY SILT; yellowish brown; clay content varies with depth; dry becoming saturated at base.	
4				SAP-70-4				
5			44	DP	73			
6								
7								
8				SAP-70-8				
9			29	DP	121			
10								
11								
12				SAP-70-12				
13			48	DP	192			
14								
15								
16				SAP-70-16				
17			31	DP	180			
18								
19							SAND; yellowish brown; very fine grained. Dry.	
20				SAP-70-20 (HELD)				
21			35	DP	180		SILT; yellowish brown; saturated.	
22								
23							SAND; yellowish brown; very fine grained; dry.	
24				SAP-70-24 (HELD)				
25			33	DP	101			
26							SILTY CLAY; gray; very moist.	
27								
28								
29								
30								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start:
Drilling Fluid: None Water Level Finish:
Remarks: Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Cor.:
East Cor.:

Soil Boring Log

Project Name: GE Tell City Date Started: 02/28/2019 Logger: Keith Antell
Project Number: ALL00911.0017.1000B Date Completed: 02/28/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				DP			Fill; concrete over gravel base.	
2								
3							SILT; strong brown (7.5YR 5/6); soft; dry.	
4				SAP-71-4				
5				DP	23.5			
6								
7								
8				SAP-71-8				
9				DP	79.1		SILTY CLAY; reddish yellow (7.5YR 6/8); firm; damp. Slightly plastic.	
10								
11								
12				SAP-71-12				
13				DP	68.1		SILTY CLAY; gray (7.5 YR 5/1); firm; damp; slightly plastic.	
14								
15								
16				SAP-71-16				
17				DP	64.7			
18								
19								
20								
21				DP	82.3			
22								
23								
24					69.5			
25								
26								
27								
28								
29								
30								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 02/28/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 02/28/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			32	DP SAP-72-1			Fill; concrete over gravel base.	
2								
3							CLAYEY SILT; yellowish brown; moist; rooted at top. Grades to silty clay by 6.5'.	
4				SAP-72-4 DP	304			
5			42					
6								
7								
8				SAP-72-8 DP	107		SILTY CLAY; gray; moist; a few sandy zones and a few <1/2-inch sand layers. Wet zones at 8.5 and 11.5 feet.	
9			46					
10								
11								
12				SAP-72-12 DP	108			
13			42					
14								
15								
16				SAP-72-16 DP	90			
17			46					
18								
19								
20				SAP-72-20 (HELD) DP	72			
21			42					
22								
23								
24				SAP-72-24 (HELD) DP	20			
25			48					
26								
27					72			
28								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 02/28/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 02/28/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			34	DP SAP-73-1			Fill; concrete over gravel base.	
2								
3							CLAYEY SILT; yellowish brown; moist.	
4				SAP-73-4 DP				
5			38		380		SILTY CLAY; olive gray grading down to gray; moist.	
6								
7								
8				SAP-73-8 DP				
9			40		74		SILTY CLAY; gray; moist. Wet silt zones at 24' and 32'.	
10								
11								
12				SAP-73-12 DP				
13			48		69			
14								
15								
16				SAP-73-16 DP				
17			48		63			
18								
19								
20				SAP-73-20 (HELD) DP				
21			48		71			
22								
23								
24				SAP-73-24 (HELD)	46			
25								
26								
27								
28								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 02/28/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 02/28/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			26	DP			Fill; concrete over gravel base.	
2								
3							CLAYEY SILT; yellowish brown; moist.	
4				SAP-74-4				
5			34	DP	103			
6								
7								
8				SAP-74-8				
9			45	DP	198		SILTY CLAY; gray; moist.	
10								
11								
12				SAP-74-12				
13			38	DP	45			
14							CLAY; gray; sparse silt; moist.	
15								
16				SAP-74-16				
17			39	DP	39			
18								
19								
20				SAP-74-20 (HELD)				
21			48	DP	34		SILT; gray; saturated.	
22								
23							SILTY CLAY; gray; moist.	
24				SAP-74-24 (HELD)	19			
25								
26								
27								
28								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 02/28/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 02/28/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			27	DP			Fill; concrete over gravel base.	
2								
3							SILT; yellowish brown; very fine; saturated (fill).	
4				SAP-75-4			CLAY; yellowish brown, grading quickly down to gray; moist.	
5			38	DP	530		CLAYEY SILT; yellowish brown; wet.	
6								
7							SILTY CLAY; gray; moist.	
8				SAP-75-8				
9			39	DP	408		CLAYEY SILT; yellowish brown; wet.	
10							SILTY CLAY; gray; moist.	
11								
12				SAP-75-12				
13			28	DP	88			
14								
15								
16				SAP-75-16				
17			48	DP	108			
18								
19								
20				SAP-75-20 (HELD)				
21			48	DP	68			
22								
23								
24				SAP-75-24 (HELD)	100			
25								
26								
27								
28								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 02/28/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 02/28/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			17	DP			Fill; concrete over gravel base.	
2								
3							CLAYEY SILT; yellowish brown; moist.	
4				SAP-76-4				
5			38	DP			SILTY CLAY; gray; moist. Some areas of clayey silt.	
6								
7								
8				SAP-76-8				
9			32	DP				
10								
11								
12				SAP-76-12				
13			48	DP				
14								
15								
16				SAP-76-16				
17			46	DP				
18								
19								
20				SAP-76-20 (HELD)				
21			48	DP				
22								
23								
24				SAP-76-24 (HELD)				
25								
26								
27								
28								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 04/09/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 04/09/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			31	DP			FILL; concrete over gravel base.	
2							SAND; with silt; very fine grained; yellowish brown; slightly moist (FILL)	
3							SILTY CLAY; yellowish brown; hard, dense, slightly moist. 3" moist silt layer in center.	
4				SAP 77-4				
5			38	DP	47.1			
6								
7								
8				SAP 77-8				
9			40	DP	260		SILTY to SANDY CLAY; gray; very fine sand and abundant silt; very moist.	
10								
11							SILTY CLAY; gray; hard and dense; moist.	
12				SAP 77-12				
13			34	DP	248			
14								
15								
16				SAP 77-16				
17			34	DP	1			
18								
19								
20				SAP 77-20	0.7			
21								
22								
23								
24								
25								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 04/09/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 04/09/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			30	DP			FILL; concrete over gravel base.	
2							SAND; with silt; very fine grained; yellowish brown; slightly moist (FILL)	
3								
4				SAP 78-4				
5			40	DP	1.3			
6							SILTY CLAY; yellowish brown; hard, dense, slightly moist. 3" moist silt layer in center.	
7								
8				SAP 78-8				
9			44	DP	0.9			
10							SILTY CLAY; gray; very moist. 3" very silty zone at 9'; wet.	
11								
12				SAP 78-12				
13			35	DP	1.1			
14								
15								
16				SAP 78-16				
17			38	DP	0.8			
18								
19								
20					0.9			
21								
22								
23								
24								
25								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 04/09/2019 Logger: Daniel Petzold
 Project Number: ALL00911.0017.1000B Date Completed: 04/09/2019 Editor:
 Project Location: Tell City, IN Weather Conditions:

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			32	DP			FILL; asphalt and underlying gravel	
2							SILTY CLAY; yellowish brown; firm; moist.	
3								
4				SAP 79-4				
5			28	DP	0.4			
6								
7							SILTY CLAY to CLAY; gray; firm; moist	
8				SAP 79-8				
9			29	DP	0.4			
10								
11								
12				SAP 79-12				
13			35	DP	0.3			
14								
15								
16				SAP 79-16	0.2			
17								
18								
19								
20								
21								
22								
23								
24								
25								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
 Driller: Josh Holmaugh Sampling Interval: Continuous
 Drilling Method: Geoprobe 7822 Direct Push Water Level Start:
 Drilling Fluid: None Water Level Finish:
 Remarks: Converted to Well: ☐ Yes ☒ No
 Surface Elev.:
 North Coord.:
 East Coord.:

Soil Boring Log

Project Name: GE Tell City Date Started: 04/10/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 04/10/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			25	DP			FILL; Concrete floor and underlying gravel.	
2							CLAYEY SILT; strong brown to yellowish brown; very slightly moist.	
3								
4				SAP 85-4				
5			35	DP	5.1		SILTY CLAY; yellowish brown; moist.	
6								
7								
8				SAP 85-8				
9			39	DP	8.2			
10								
11							SILT; with a trace of clay; yellowish brown; slightly moist.	
12				SAP 85-12				
13			33	DP	13.7		SAND; very fine grained; well sorted; trace of clay and silt; yellowish brown; dry.	
14								
15								
16				SAP 85-16				
17			34	DP	12.5		CLAYEY SAND; very fine grained; laminated in places; yellowish brown; wet.	
18								
19								
20					37.7			
21								
22								
23								
24								
25								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 04/09/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 04/09/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			20	DP			FILL; Concrete floor and underlying gravel.	
2							SAND; very fine grained; yellowish brown to orange; very well sorted; dry (likely FILL).	
3								
4				SAP 87-4				
5			27	DP	3.9			
6							SILT to VERY FINE SAND; slightly clayey; yellowish brown to orangish; dry (FILL?)	
7								
8				SAP 87-8				
9			46	DP	4.6		SILTY CLAY; yellowish brown to strong brown. Very slightly moist grading down to moist.	
10								
11								
12				SAP 87-12				
13			39	DP	10.6			
14							CLAY; slightly silty in places; gray; moist and soft; moister in siltier zones.	
15								
16				SAP 87-16				
17			40	DP	0.9			
18								
19								
20					0.9			
21								
22								
23								
24								
25								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 04/09/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 04/09/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			27	DP			FILL; Concrete floor and underlying gravel.	
2							SILTY CLAY to CLAYEY SILT; grades down to silt at base; yellowish brown; moist.	
3								
4				SAP 88-4				
5			35	DP	4.7		SILT to CLAYEY SILT; yellowish to orangish brown; moist; fissile in places; becoming more clay-rich and mositer at base.	
6								
7								
8				SAP 88-8				
9			37	DP	5.2			
10								
11								
12				SAP 88-12				
13			38	DP	2.9		SILTY CLAY; yellowish brown; moist; hard and dense.	
14								
15							SILTY CLAY; gray; silt content varies; moist but soft adn moister in siltier zones.	
16				SAP 88-16				
17			42	DP	5.5			
18								
19								
20								
21			38	DP	4.6			
22								
23								
24					3.1			
25								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coor.: _____
East Coor.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 04/09/2019 Logger: Daniel Petzold
 Project Number: ALL00911.0017.1000B Date Completed: 04/09/2019 Editor: _____
 Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
26							SILTY CLAY to CLAYEY SILT; grades down to silt at base; yellowish brown; moist.	
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								

Remarks: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 04/09/2019 Logger: Daniel Petzold
 Project Number: ALL00911.0017.1000B Date Completed: 04/09/2019 Editor: _____
 Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			24	DP			FILL; Concrete floor and underlying gravel.	
2							SILT; with some clay; yellowish to orangish brown; dry.	
3								
4				SAP 89-4				
5			35	DP	5.2			
6								
7								
8				SAP 89-8				
9			34	DP	5.0			
10							SILTY CLAY; yellowish brown; moist; hard and dense.	
11								
12				SAP 89-12				
13			35	DP	6.8			
14								
15							SAND; very fine grained; well sorted; yellowish brown; dry.	
16				SAP 89-16	11.7			
17								
18								
19								
20								
21								
22								
23								
24								
25								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
 Driller: Josh Holmaugh Sampling Interval: Continuous
 Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
 Drilling Fluid: None Water Level Finish: _____
 Remarks: _____ Converted to Well: ☐ Yes ☒ No
 Surface Elev.: _____
 North Coord.: _____
 East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 04/10/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 04/10/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			35	DP			FILL; Concrete floor and underlying gravel.	
2							SILT; with some clay; yellowish to orangish brown; dry to moist. More clay-rich in some intervals.	
3								
4				SAP 90-4				
5			38	DP	9.3			
6								
7								
8				SAP 90-8				
9			37	DP	14.1			
10								
11								
12				SAP 90-12				
13			35	DP	14.3			
14							SAND; very fine grained; well sorted; yellowish brown; dry; laminated in places.	
15								
16				SAP 90-16				
17			36	DP	9.0		CLAYEY SAND; yellowish brown; very fine grained; wet to saturated at base.	
18								
19								
20					80.2			
21								
22								
23								
24								
25								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: 19.8
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 04/10/2019 Logger: Daniel Petzold
Project Number: ALL00911.0017.1000B Date Completed: 04/10/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1			23	DP			FILL; Concrete floor and underlying gravel.	
2							CLAYEY SILT; strong brown; dry to moist.	
3								
4				SAP 91-4				
5			35	DP	3.9			
6								
7							SILTY CLAY; gray grading down to brown; dry to slightly moist; slightly fissile (old top soil?).	
8				SAP 91-8				
9			38	DP	4.0			
10								
11								
12				SAP 91-12				
13			41	DP	46.1		CLAYEY SILT; yellowish brown; slightly moist.	
14								
15							SILT; yellowish brown; slightly moist; some clayey zones; moister in clayey zones.	
16				SAP 91-16				
17			31	DP	6.1			
18								
19								
20								
21			27	DP	6.2			
22							SAND; very fine grained; well sorted; laminated; yellowish brown; dry.	
23								
24					6.7			
25								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Josh Holmaugh Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 10/29/2019 Logger: Keith Antell
Project Number: 3000639 Date Completed: 10/29/2019 Editor:
Project Location: Tell City, IN Weather Conditions:

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				DP--	0		FILL; Concrete floor and underlying gravel.	
2							SILTY CLAY; strong brown (7.5YR 5/8); moist to 15', then wet to 20'; soft; slightly plastic.	
3								
4				DP--	0			
5								
6								
7								
8				DP--	0			
9								
10								
11								
12				DP--	0			
13								
14								
15				DP--	0			
16								
17								
18								
19								
20				DP--	0			
21							SILT; gray (7.5YR 5/1); soft, saturated; non-plstic.	
22							SAND; reddish yellow(7.5YR 6/8); medium grained, poorly sorted; dry.	
23								
24				DP-SAP-93 25-26	0			
25								
26								
27								
28				DP--	0		CLAYEY SILT; gray (7.5YR 5/1); firm; slightly plastic. Dry to 32'; wet 32-38'.	
29								
30								
31								
32				DP-SAP-93 35-36	0			
33								
34								
35				DP--	0			
36								
37								
38								
39								
40								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start:
Drilling Fluid: None Water Level Finish:
Remarks: Converted to Well: ☐ Yes ☒ No
Surface Elev.:
North Coor.:
East Coor.:

Soil Boring Log

Project Name: GE Tell City Date Started: 10/29/2019 Logger: Keith Antell
Project Number: 3000639 Date Completed: 10/29/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				DP--	0		FILL; Concrete floor and underlying gravel.	
2							SILT; reddish yellow (5YR 5/8); soft; damp at 10.5-11' and 13.5-14'; saturated at 14-16.5'; LIKELY FILL MATERIAL.	
3								
4								
5				DP--	0			
6								
7								
8								
9				DP--	0			
10								
11								
12								
13				DP-SAP-94 15-16	0			
14								
15								
16				DP--	0		CLAYEY SILT; gray; slightly plastic; firm; dry to 32'; wet 32-38'; dry below 38'.	
17								
18								
19								
20								
21				DP--	0			
22								
23								
24								
25				DP--	0			
26								
27								
28								
29				DP--	0			
30								
31								
32								
33				DP--	0			
34								
35								
36								
37				DP--	0			
38								
39								
40								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: _____ Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 10/29/2019 Logger: Keith Antell
Project Number: 3000639 Date Completed: 10/29/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				DP--	0		FILL; Concrete floor and underlying gravel. FILL?	
2							SILT; yellowish red (5YR 5/8); some fine sand; firm; dry. FILL?	
3								
4				DP--	0			
5								
6								
7								
8				DP--	0			
9								
10								
11								
12				DP-SAP-95 11-12	0		SILT as above but interbedded with gray zones.	
13								
14								
15							CLAYEY SILT; gray (5YR 5/1); slightly plastic; damp at 17-18' and 23-24'.	
16				DP--	0			
17								
18								
19								
20				DP-SAP-95 23-24	0			
21								
22								
23								
24				DP--	0			
25								
26								
27								
28				DP--	0			
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: _____ Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coor: _____
East Coor: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 10/29/2019 Logger: Keith Antell
 Project Number: 3000639 Date Completed: 10/29/2019 Editor:
 Project Location: Tell City, IN Weather Conditions:

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				DP--	0		FILL; Concrete floor and underlying gravel.	
2							SILT; strong brown (7.5YR 5/8) firm; dry to 15.5 feet then wet below. Slightly plastic. THIS IS LIKELY FILL MATERIAL.	
3								
4								
5				DP--	0			
6								
7								
8								
9				DP--	0			
10								
11								
12								
13				DP--	0			
14							CLAYEY SILT to silt; gray (7.5YR 5/1); moderately firm. dry 18 to 28 feet; wet 28 to 30 feet; dry 30 to 32 feet; wet 32 to 38 feet.	
15								
16				DP-SAP-97(15-16)	0			
17								
18								
19								
20				DP--	0			
21								
22								
23								
24				DP--	0			
25								
26								
27								
28								
29				DP-SAP-97 (29-30)	0			
30								
31								
32								
33				DP--	0			
34								
35								
36				DP--	0			
37								
38								
39								
40								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
 Driller: Sampling Interval: Continuous
 Drilling Method: Geoprobe 7822 Direct Push Water Level Start:
 Drilling Fluid: None Water Level Finish:
 Remarks: Converted to Well: ☐ Yes ☒ No
 Surface Elev.:
 North Cor.:
 East Cor.:

Soil Boring Log

Project Name: GE Tell City Date Started: 10/29/2019 Logger: Keith Antell
Project Number: 3000639 Date Completed: 10/29/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				DP--	0		FILL; Concrete floor and underlying gravel.	
2							SILT; yellowish brown (10YR 5/8); soft; dry to 16', then wet; non-plastic. THIS IS LIKELY FILL MATERIAL.	
3								
4								
5				DP--	0			
6								
7								
8								
9				DP--	0			
10								
11								
12								
13				DP--	0			
14							CLAYEY SILT to silt; gray (7.5YR 5/1); soft and damp; slightly plastic; wet to saturated 32-34' and 36-38'.	
15								
16								
17				DP-SAP-98 19-20	0			
18								
19								
20								
21				DP--	0			
22								
23								
24								
25				DP--	0			
26								
27								
28								
29				DP--	0			
30								
31								
32								
33				DP--	0			
34								
35								
36								
37				DP--	0			
38								
39								
40								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: _____ Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 10/29/2019 Logger: Keith Antell
Project Number: 3000639 Date Completed: 10/29/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				DP--	0		FILL; Concrete floor and underlying gravel.	
2							SAND; yellowish brown (10YR 5/8); medium grained; dry. FILL	
3								
4				DP--	0			
5								
6								
7								
8				DP--	0		SILT; yellowish brown (10YR 5/8); soft; damp to moist; slightly plastic.	
9								
10								
11								
12				DP-SAP-99 14-15	0			
13								
14								
15							CLAYEY SILT; gray (10YR 5/1); soft; slightly plastic; moist - wet at 24-25' and 32-38'.	
16				DP--	0			
17								
18								
19								
20				DP--	0			
21								
22								
23								
24				DP--	0			
25								
26								
27								
28				DP--	0			
29								
30								
31								
32				DP-SAP-99 34-35	0			
33								
34								
35								
36				DP--	0			
37								
38								
39								
40								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: _____ Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

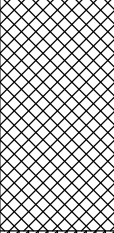
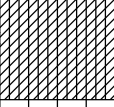
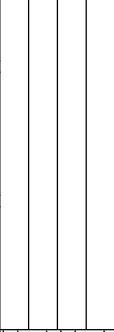
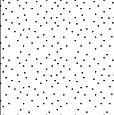
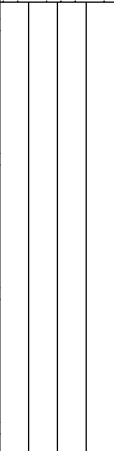
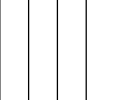
Project Name: GE Tell City Date Started: 10/29/2019 Logger: Keith Antell
Project Number: 3000639 Date Completed: 10/28/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				DP--	0		FILL; Concrete floor and underlying gravel.	
2								
3								
4								
5				DP--	0		SILTY SAND; borwnish yellow (10YR 6/6); soft, moist. FILL?	
6								
7								
8								
9				DP-SAP-100 11-12	0		SILT; brownish yellow (10YR 6/6); firm; moist; wet 10-10.5'; strong odor at 12'.	
10								
11								
12								
13				DP--	386		CLAYEY SILT; gray (10YR 5/1); firm; moist.	
14								
15								
16								
17				DP--	10.5			
18								
19								
20								
21				DP-SAP-100 21-22	0			
22								
23								
24								
25				DP--	0			
26								
27								
28								
29				DP--	0			
30								
31								
32								
33				DP--	0			
34								
35								
36								
37				DP--	0			
38								
39								
40								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: _____ Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 10/28/2019 Logger: Keith Antell
Project Number: 3000639 Date Completed: 10/28/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				DP--	0		FILL	
2								
3								
4								
5				DP--	0			
6								
7								
8				DP--	0		SILTY CLAY; grayish brown (10YR 5/2); firm, dry, slightly plastic.	
9								
10							SILT; reddish yellow (10YR 6/8); sime very fine sand; soft; moist.	
11								
12								
13				DP-SAP-101 15-16	0			
14								
15								
16								
17				DP--	0			
18								
19								
20							SAND; reddish yellow (10YR 6/8); medium grained; soft, dry.	
21				DP-SAP-101 21-22	0			
22								
23								
24							SILT; gray (7.5YR 5/1); firm; wet at 24-25.5', damp below 25.5'; plastic.	
25				DP-SAP-101 26-27	0			
26								
27								
28								
29				DP--	0			
30								
31								
32								
33				DP--	0			
34								
35								
36								
37				DP--	0			
38								
39								
40								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: _____ Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Sheet: 1 of 1

Project Name: GE Tell City Date Started: 10/28/2019 Logger: Keith Antell
Project Number: 3000639 Date Completed: 10/28/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				DP--	0		FILL	
2								
3								
4								
5				DP--	0			
6							SILT; reddish yellow (7.5YR 6/8); with some fine sand; soft; dry - damp 14.5-15.5'.	
7								
8								
9				DP--	0			
10								
11								
12								
13				DP--	0			
14								
15								
16								
17				DP-SAP-102 17-18	0		SAND; reddish yellow (10YR 6/8); coarse; well sorted; damp.	
18								
19							SAND; gray (7.5YR 5/1); fine grained; saturated.	
20							CLAY; gray (7.5YR 5/1); some silt; firm; dry.	
21				DP-SAP-120 20-21	0			
22								
23								
24								
25				DP--	0			
26								
27								
28								
29				DP--	0			
30								
31								
32								
33				DP--	0			
34								
35							SILTY CLAY; brownish yellow (10YR 6/6); dry.	
36								
37								
38								
39								
40								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: _____ Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

Soil Boring Log

Project Name: GE Tell City Date Started: 10/28/2019 Logger: Keith Antell
Project Number: 3000639 Date Completed: 10/28/2019 Editor: _____
Project Location: Tell City, IN Weather Conditions: _____

Depth (feet)	Sample Interval	Blow Counts	Recovery (in.)	Sample ID	PID (ppm)	USCS Class	Description	Construction Details
1				DP--	0		FILL	
2							SILTY CLAY; yellowish brown (10YR 5/6) firm; slightly plastic; dry.	
3								
4				DP-SAP-103 6-7	0		SAND; dark yellowish brown (10YR 4/4); coarse grained with some gravel; soft; moist.	
5							SILT; brownish yellow (10YR 6/8); soft, moist, slightly plastic.	
6								
7								
8				DP-SAP-103 11-12	20.4		CLAYEY SILT; gray and yellowish brown; firm; slightly plastic; moist.	
9								
10								
11								
12				DP--	0			
13								
14								
15								
16				DP--	0			
17								
18								
19								
20								
21				DP--	0			
22								
23								
24				DP--	0			
25								
26								
27								
28				DP--	0			
29								
30								
31								
32				DP-SAP-103 33-24	0			
33							SAND (weathered sandstone bedrock); brownish yellow (10YR 6/8); wet.	
34								
35								
36								
37								
38								
39								
40								

Drilling Co.: SCS Environmental Sampling Method: Dual Tube
Driller: _____ Sampling Interval: Continuous
Drilling Method: Geoprobe 7822 Direct Push Water Level Start: _____
Drilling Fluid: None Water Level Finish: _____
Remarks: _____ Converted to Well: ☐ Yes ☒ No
Surface Elev.: _____
North Coord.: _____
East Coord.: _____

APPENDIX B

Laboratory Reports



The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Arcadis

GE, 13th Street, Tell City, IN

ALL00911.0017

SGS Job Number: JC84166

Sampling Dates: 03/05/19 - 03/07/19

Report to:

Arcadis
150 West Market Suite 728
Indianapolis, IN 46204
Daniel.Petzold@Arcadis.com

ATTN: Daniel Petzold

Total number of pages in report: 176



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read "Brian McGuire".

Brian McGuire
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	4
Section 2: Summary of Hits	8
Section 3: Sample Results	14
3.1: JC84166-1: TRIP BLANK 1	15
3.2: JC84166-2: MW-16S(030519)	17
3.3: JC84166-3: MW-16I(030519)	19
3.4: JC84166-4: MW-16D(030519)	21
3.5: JC84166-5: MW-19S(030519)	23
3.6: JC84166-6: MW-19D(030519)	25
3.7: JC84166-7: MW-19I(030519)	27
3.8: JC84166-8: MW-20S(030519)	29
3.9: JC84166-9: MW-20I(030519)	31
3.10: JC84166-10: MW-20D(030519)	33
3.11: JC84166-11: MW-21S(030519)	35
3.12: JC84166-12: MW-21D(030519)	37
3.13: JC84166-13: MW-21I(030519)	39
3.14: JC84166-14: MW-17S(030619)	41
3.15: JC84166-15: MW-17I(030619)	43
3.16: JC84166-15F: MW-17I(030619)	46
3.17: JC84166-16: MW-17D(030619)	47
3.18: JC84166-17: MW-18S(030619)	49
3.19: JC84166-18: MW-18I(030619)	51
3.20: JC84166-19: MW-11(030619)	53
3.21: JC84166-19F: MW-11(030619)	56
3.22: JC84166-20: MW-7(030619)	57
3.23: JC84166-21: MW-15(030619)	60
3.24: JC84166-22: MW-1(030619)	63
3.25: JC84166-23: DUP-01(030619)	65
3.26: JC84166-24: MW-3(030619)	68
3.27: JC84166-25: MW-2(030619)	70
3.28: JC84166-26: MW-12(030719)	72
3.29: JC84166-27: MW-13(030719)	75
3.30: JC84166-27F: MW-13(030719)	79
3.31: JC84166-28: MW-14(030719)	80
3.32: JC84166-29: MW-6D(030719)	82
3.33: JC84166-30: MW-6S(030719)	84
3.34: JC84166-31: MW-8S(030719)	86
3.35: JC84166-32: MW-8D(030719)	88
3.36: JC84166-33: MW-10S(030719)	90
3.37: JC84166-34: MW-10D(030719)	92
3.38: JC84166-35: MW-9S(030719)	95
3.39: JC84166-36: MW-9D(030719)	97

Table of Contents

-2-

3.40: JC84166-37: MW-5D(030719) 99

3.41: JC84166-38: MW-5S(030719) 101

3.42: JC84166-39: MW-4(030719) 104

3.43: JC84166-40: DUP-02(030719) 106

3.44: JC84166-41: TRIP BLANK 2 108

Section 4: Misc. Forms 110

4.1: Chain of Custody 111

Section 5: MS Volatiles - QC Data Summaries 117

5.1: Method Blank Summary 118

5.2: Blank Spike Summary 132

5.3: Matrix Spike Summary 142

5.4: Matrix Spike/Matrix Spike Duplicate Summary 146

5.5: Duplicate Summary 154

5.6: Instrument Performance Checks (BFB) 158

5.7: Surrogate Recovery Summaries 164

Section 6: Metals Analysis - QC Data Summaries 166

6.1: Prep QC MP13028: Fe,Mn 167



Sample Summary

Arcadis

Job No: JC84166

GE, 13th Street, Tell City, IN
Project No: ALL00911.0017

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JC84166-1	03/07/19	17:00	SO	03/11/19	AQ Trip Blank Water	TRIP BLANK 1
JC84166-2	03/05/19	10:40	SO	03/11/19	AQ Ground Water	MW-16S(030519)
JC84166-3	03/05/19	11:15	SO	03/11/19	AQ Ground Water	MW-16I(030519)
JC84166-4	03/05/19	12:00	SO	03/11/19	AQ Ground Water	MW-16D(030519)
JC84166-5	03/05/19	11:05	SO	03/11/19	AQ Ground Water	MW-19S(030519)
JC84166-5D	03/05/19	11:05	SO	03/11/19	AQ Water Dup/MSD	MW-19S(030519)
JC84166-5S	03/05/19	11:05	SO	03/11/19	AQ Water Matrix Spike	MW-19S(030519)
JC84166-6	03/05/19	10:20	SO	03/11/19	AQ Ground Water	MW-19D(030519)
JC84166-7	03/05/19	11:55	SO	03/11/19	AQ Ground Water	MW-19I(030519)
JC84166-8	03/05/19	13:00	SO	03/11/19	AQ Ground Water	MW-20S(030519)
JC84166-9	03/05/19	14:20	SO	03/11/19	AQ Ground Water	MW-20I(030519)
JC84166-10	03/05/19	13:40	SO	03/11/19	AQ Ground Water	MW-20D(030519)
JC84166-11	03/05/19	15:25	SO	03/11/19	AQ Ground Water	MW-21S(030519)



Sample Summary
(continued)

Arcadis

Job No: JC84166

GE, 13th Street, Tell City, IN
Project No: ALL00911.0017

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JC84166-12	03/05/19	16:00	SO	03/11/19	AQ Ground Water	MW-21D(030519)
JC84166-13	03/05/19	16:40	SO	03/11/19	AQ Ground Water	MW-21I(030519)
JC84166-14	03/06/19	10:10	SO	03/11/19	AQ Ground Water	MW-17S(030619)
JC84166-15	03/06/19	10:50	SO	03/11/19	AQ Ground Water	MW-17I(030619)
JC84166-15F	03/06/19	10:50	SO	03/11/19	AQ Groundwater Filtered	MW-17I(030619)
JC84166-16	03/06/19	09:30	SO	03/11/19	AQ Ground Water	MW-17D(030619)
JC84166-17	03/06/19	11:50	SO	03/11/19	AQ Ground Water	MW-18S(030619)
JC84166-18	03/06/19	12:05	SO	03/11/19	AQ Ground Water	MW-18I(030619)
JC84166-19	03/06/19	13:30	SO	03/11/19	AQ Ground Water	MW-11(030619)
JC84166-19F	03/06/19	13:30	SO	03/11/19	AQ Groundwater Filtered	MW-11(030619)
JC84166-20	03/06/19	14:30	SO	03/11/19	AQ Ground Water	MW-7(030619)
JC84166-21	03/06/19	15:20	SO	03/11/19	AQ Ground Water	MW-15(030619)
JC84166-22	03/06/19	16:15	SO	03/11/19	AQ Ground Water	MW-1(030619)



Sample Summary
(continued)

Arcadis

Job No: JC84166

GE, 13th Street, Tell City, IN
Project No: ALL00911.0017

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JC84166-23	03/06/19	00:00	SO	03/11/19	AQ Ground Water	DUP-01(030619)
JC84166-24	03/06/19	17:10	SO	03/11/19	AQ Ground Water	MW-3(030619)
JC84166-25	03/06/19	18:00	SO	03/11/19	AQ Ground Water	MW-2(030619)
JC84166-26	03/07/19	09:15	SO	03/11/19	AQ Ground Water	MW-12(030719)
JC84166-27	03/07/19	10:05	SO	03/11/19	AQ Ground Water	MW-13(030719)
JC84166-27F	03/07/19	10:05	SO	03/11/19	AQ Groundwater Filtered	MW-13(030719)
JC84166-28	03/07/19	11:15	SO	03/11/19	AQ Ground Water	MW-14(030719)
JC84166-29	03/07/19	12:35	SO	03/11/19	AQ Ground Water	MW-6D(030719)
JC84166-30	03/07/19	13:15	SO	03/11/19	AQ Ground Water	MW-6S(030719)
JC84166-31	03/07/19	14:05	SO	03/11/19	AQ Ground Water	MW-8S(030719)
JC84166-32	03/07/19	14:45	SO	03/11/19	AQ Ground Water	MW-8D(030719)
JC84166-33	03/07/19	16:45	SO	03/11/19	AQ Ground Water	MW-10S(030719)
JC84166-34	03/07/19	17:35	SO	03/11/19	AQ Ground Water	MW-10D(030719)



Sample Summary
(continued)

Arcadis

Job No: JC84166

GE, 13th Street, Tell City, IN
Project No: ALL00911.0017

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JC84166-35	03/07/19	13:40	SO	03/11/19	AQ Ground Water	MW-9S(030719)
JC84166-36	03/07/19	12:50	SO	03/11/19	AQ Ground Water	MW-9D(030719)
JC84166-37	03/07/19	14:50	SO	03/11/19	AQ Ground Water	MW-5D(030719)
JC84166-38	03/07/19	15:40	SO	03/11/19	AQ Ground Water	MW-5S(030719)
JC84166-39	03/07/19	17:00	SO	03/11/19	AQ Ground Water	MW-4(030719)
JC84166-40	03/07/19	00:00	SO	03/11/19	AQ Ground Water	DUP-02(030719)
JC84166-41	03/07/19	17:00	SO	03/11/19	AQ Trip Blank Water	TRIP BLANK 2

Summary of Hits

Job Number: JC84166
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 03/05/19 thru 03/07/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

JC84166-1 TRIP BLANK 1

No hits reported in this sample.

JC84166-2 MW-16S(030519)

No hits reported in this sample.

JC84166-3 MW-16I(030519)

No hits reported in this sample.

JC84166-4 MW-16D(030519)

No hits reported in this sample.

JC84166-5 MW-19S(030519)

No hits reported in this sample.

JC84166-6 MW-19D(030519)

Tetrachloroethene	1.8	1.0	0.90	ug/l	SW846 8260C
Trichloroethene	1.3	1.0	0.53	ug/l	SW846 8260C

JC84166-7 MW-19I(030519)

No hits reported in this sample.

JC84166-8 MW-20S(030519)

Benzene	0.45 J	0.50	0.43	ug/l	SW846 8260C
---------	--------	------	------	------	-------------

JC84166-9 MW-20I(030519)

Benzene	1.1	0.50	0.43	ug/l	SW846 8260C
cis-1,2-Dichloroethene	2.1	1.0	0.51	ug/l	SW846 8260C
Trichloroethene	33.8	1.0	0.53	ug/l	SW846 8260C

JC84166-10 MW-20D(030519)

No hits reported in this sample.

Summary of Hits

Job Number: JC84166
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 03/05/19 thru 03/07/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

JC84166-11 MW-21S(030519)

Benzene	0.50	0.50	0.43	ug/l	SW846 8260C
Tetrachloroethene	5.2	1.0	0.90	ug/l	SW846 8260C
1,1,1-Trichloroethane	2.0	1.0	0.54	ug/l	SW846 8260C

JC84166-12 MW-21D(030519)

No hits reported in this sample.

JC84166-13 MW-21I(030519)

Trichloroethene	3.1	1.0	0.53	ug/l	SW846 8260C
-----------------	-----	-----	------	------	-------------

JC84166-14 MW-17S(030619)

trans-1,2-Dichloroethene	0.62 J	1.0	0.54	ug/l	SW846 8260C
Trichloroethene	42.0	1.0	0.53	ug/l	SW846 8260C

JC84166-15 MW-17I(030619)

Chloroform	0.74 J	1.0	0.50	ug/l	SW846 8260C
cis-1,2-Dichloroethene	32.3	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene	4.7	1.0	0.54	ug/l	SW846 8260C
Trichloroethene	151	1.0	0.53	ug/l	SW846 8260C
Iron	470	100		ug/l	SW846 6010D
Manganese	856	15		ug/l	SW846 6010D

JC84166-15F MW-17I(030619)

Iron	194	100		ug/l	SW846 6010D
Manganese	824	15		ug/l	SW846 6010D

JC84166-16 MW-17D(030619)

No hits reported in this sample.

JC84166-17 MW-18S(030619)

No hits reported in this sample.

JC84166-18 MW-18I(030619)

No hits reported in this sample.

Summary of Hits

Job Number: JC84166
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 03/05/19 thru 03/07/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

JC84166-19 MW-11(030619)

cis-1,2-Dichloroethene	0.90 J	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene	0.79 J	1.0	0.54	ug/l	SW846 8260C
Trichloroethene	12.6	1.0	0.53	ug/l	SW846 8260C
Iron	5790	100		ug/l	SW846 6010D
Manganese	953	15		ug/l	SW846 6010D

JC84166-19F MW-11(030619)

No hits reported in this sample.

JC84166-20 MW-7(030619)

cis-1,2-Dichloroethene	299	5.0	2.5	ug/l	SW846 8260C
trans-1,2-Dichloroethene	1.9	1.0	0.54	ug/l	SW846 8260C
Trichloroethene	545	5.0	2.6	ug/l	SW846 8260C
Vinyl chloride	8.8	1.0	0.79	ug/l	SW846 8260C

JC84166-21 MW-15(030619)

1,1-Dichloroethane ^a	6.0	5.0	2.8	ug/l	SW846 8260C
cis-1,2-Dichloroethene ^a	678	5.0	2.5	ug/l	SW846 8260C
trans-1,2-Dichloroethene ^a	24.2	5.0	2.7	ug/l	SW846 8260C
Trichloroethene ^a	60.3	5.0	2.6	ug/l	SW846 8260C

JC84166-22 MW-1(030619)

cis-1,2-Dichloroethene	1.9	1.0	0.51	ug/l	SW846 8260C
Trichloroethene	1.2	1.0	0.53	ug/l	SW846 8260C

JC84166-23 DUP-01(030619)

1,1-Dichloroethane ^a	5.5	2.0	1.1	ug/l	SW846 8260C
cis-1,2-Dichloroethene	570	5.0	2.5	ug/l	SW846 8260C
trans-1,2-Dichloroethene ^a	21.1	2.0	1.1	ug/l	SW846 8260C
Trichloroethene ^a	50.5	2.0	1.1	ug/l	SW846 8260C
Vinyl chloride ^a	1.7 J	2.0	1.6	ug/l	SW846 8260C

JC84166-24 MW-3(030619)

Benzene	19.4	0.50	0.43	ug/l	SW846 8260C
Chlorobenzene	0.72 J	1.0	0.56	ug/l	SW846 8260C
Chloroethane	5.2	1.0	0.73	ug/l	SW846 8260C
1,1-Dichloroethane	1.7	1.0	0.57	ug/l	SW846 8260C

Summary of Hits

Job Number: JC84166
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 03/05/19 thru 03/07/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethylbenzene		60.7	1.0	0.60	ug/l	SW846 8260C
Isopropylbenzene		8.4	1.0	0.65	ug/l	SW846 8260C
Methyl Tert Butyl Ether		1.0	1.0	0.51	ug/l	SW846 8260C
Naphthalene		3.5 J	5.0	0.98	ug/l	SW846 8260C
n-Propylbenzene		9.0	2.0	0.60	ug/l	SW846 8260C
Toluene		1.5	1.0	0.53	ug/l	SW846 8260C
1,2,4-Trimethylbenzene		47.3	2.0	1.0	ug/l	SW846 8260C
1,3,5-Trimethylbenzene		12.6	2.0	1.0	ug/l	SW846 8260C
m,p-Xylene		318	1.0	0.78	ug/l	SW846 8260C
o-Xylene		14.4	1.0	0.59	ug/l	SW846 8260C
Xylene (total)		332	1.0	0.59	ug/l	SW846 8260C
JC84166-25 MW-2(030619)						
cis-1,2-Dichloroethene		1.6	1.0	0.51	ug/l	SW846 8260C
Vinyl chloride		1.2	1.0	0.79	ug/l	SW846 8260C
JC84166-26 MW-12(030719)						
cis-1,2-Dichloroethene		6.3	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene		5.4	1.0	0.54	ug/l	SW846 8260C
Trichloroethene		174	1.0	0.53	ug/l	SW846 8260C
JC84166-27 MW-13(030719)						
cis-1,2-Dichloroethene		144	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene		24.6	1.0	0.54	ug/l	SW846 8260C
Trichloroethene		489	5.0	2.6	ug/l	SW846 8260C
Iron ^b		60300	500		ug/l	SW846 6010D
Manganese ^b		2290	75		ug/l	SW846 6010D
JC84166-27F MW-13(030719)						
Manganese		20.7	15		ug/l	SW846 6010D
JC84166-28 MW-14(030719)						
Trichloroethene		6.8	1.0	0.53	ug/l	SW846 8260C
JC84166-29 MW-6D(030719)						
cis-1,2-Dichloroethene		2.8	1.0	0.51	ug/l	SW846 8260C
Vinyl chloride		0.96 J	1.0	0.79	ug/l	SW846 8260C

Summary of Hits

Job Number: JC84166
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 03/05/19 thru 03/07/19

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

JC84166-30 MW-6S(030719)

cis-1,2-Dichloroethene	4380	25	13	ug/l	SW846 8260C
trans-1,2-Dichloroethene	27.3	25	13	ug/l	SW846 8260C
Trichloroethene	32.3	25	13	ug/l	SW846 8260C
Vinyl chloride	462	25	20	ug/l	SW846 8260C

JC84166-31 MW-8S(030719)

cis-1,2-Dichloroethene	16.2	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene	0.55 J	1.0	0.54	ug/l	SW846 8260C
Tetrachloroethene	1.6	1.0	0.90	ug/l	SW846 8260C
Trichloroethene	188	1.0	0.53	ug/l	SW846 8260C

JC84166-32 MW-8D(030719)

Benzene	1.5	0.50	0.43	ug/l	SW846 8260C
cis-1,2-Dichloroethene	1.8	1.0	0.51	ug/l	SW846 8260C
Trichloroethene	0.82 J	1.0	0.53	ug/l	SW846 8260C

JC84166-33 MW-10S(030719)

cis-1,2-Dichloroethene	19.2	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene	0.60 J	1.0	0.54	ug/l	SW846 8260C
Trichloroethene	1.1	1.0	0.53	ug/l	SW846 8260C
Vinyl chloride	1.9	1.0	0.79	ug/l	SW846 8260C

JC84166-34 MW-10D(030719)

cis-1,2-Dichloroethene	1150	10	5.1	ug/l	SW846 8260C
trans-1,2-Dichloroethene ^a	10.1	5.0	2.7	ug/l	SW846 8260C
Vinyl chloride ^a	52.6	5.0	3.9	ug/l	SW846 8260C

JC84166-35 MW-9S(030719)

Trichloroethene	0.74 J	1.0	0.53	ug/l	SW846 8260C
-----------------	--------	-----	------	------	-------------

JC84166-36 MW-9D(030719)

Trichloroethene	0.63 J	1.0	0.53	ug/l	SW846 8260C
-----------------	--------	-----	------	------	-------------

JC84166-37 MW-5D(030719)

No hits reported in this sample.

Summary of Hits

Job Number: JC84166
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 03/05/19 thru 03/07/19

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

JC84166-38 MW-5S(030719)

Chloroform	0.81 J	1.0	0.50	ug/l	SW846 8260C
cis-1,2-Dichloroethene	15.3	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene	0.58 J	1.0	0.54	ug/l	SW846 8260C
Tetrachloroethene	2.4	1.0	0.90	ug/l	SW846 8260C
1,1,2-Trichloroethane	0.94 J	1.0	0.53	ug/l	SW846 8260C
Trichloroethene	315	10	5.3	ug/l	SW846 8260C

JC84166-39 MW-4(030719)

cis-1,2-Dichloroethene	65.8	1.0	0.51	ug/l	SW846 8260C
Trichloroethene	1.4	1.0	0.53	ug/l	SW846 8260C
Vinyl chloride	0.80 J	1.0	0.79	ug/l	SW846 8260C

JC84166-40 DUP-02(030719)

cis-1,2-Dichloroethene	20.3	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene	0.58 J	1.0	0.54	ug/l	SW846 8260C
Trichloroethene	1.1	1.0	0.53	ug/l	SW846 8260C
Vinyl chloride	2.0	1.0	0.79	ug/l	SW846 8260C

JC84166-41 TRIP BLANK 2

No hits reported in this sample.

- (a) Diluted due to high concentration of target compound.
(b) Elevated sample detection limit due to difficult sample matrix.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	TRIP BLANK 1	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-1	Date Received:	03/11/19
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89090.D	1	03/14/19 18:07	CSF	n/a	n/a	V4B3765
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TRIP BLANK 1
Lab Sample ID: JC84166-1
Matrix: AQ - Trip Blank Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 03/07/19

Date Received: 03/11/19

Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	108%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16S(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-2	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89050.D	1	03/13/19 21:14	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16S(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-2	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-120%
17060-07-0	1,2-Dichloroethane-D4	104%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16I(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-3	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89051.D	1	03/13/19 21:41	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16I(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-3	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	108%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16D(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-4	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89052.D	1	03/13/19 22:09	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-16D(030519)
Lab Sample ID: JC84166-4
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 03/05/19**Date Received:** 03/11/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	108%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19S(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-5	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89053.D	1	03/13/19 22:37	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19S(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-5	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-120%
17060-07-0	1,2-Dichloroethane-D4	106%		81-124%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	107%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19D(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-6	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89057.D	1	03/14/19 00:28	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-19D(030519)
Lab Sample ID: JC84166-6
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 03/05/19**Date Received:** 03/11/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	1.8	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	1.3	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		80-120%
17060-07-0	1,2-Dichloroethane-D4	106%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19I(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-7	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89058.D	1	03/14/19 00:56	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19I(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-7	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20S(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-8	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89059.D	1	03/14/19 01:24	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	J
71-43-2	Benzene	0.45	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20S(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-8	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	108%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20I(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-9	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89060.D	1	03/14/19 01:52	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	1.1	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	2.1	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20I(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-9	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	33.8	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	107%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20D(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-10	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89061.D	1	03/14/19 02:20	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-20D(030519)
Lab Sample ID: JC84166-10
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 03/05/19

Date Received: 03/11/19

Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21S(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-11	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89062.D	1	03/14/19 02:48	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	0.50	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21S(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-11	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	5.2	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	2.0	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	108%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21D(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-12	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89063.D	1	03/14/19 03:16	CSF	n/a	n/a	V4B3764
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-21D(030519)
Lab Sample ID: JC84166-12
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 03/05/19**Date Received:** 03/11/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		80-120%
17060-07-0	1,2-Dichloroethane-D4	112%		81-124%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21I(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-13	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89064.D	1	03/14/19 03:44	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21I(030519)	Date Sampled:	03/05/19
Lab Sample ID:	JC84166-13	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	3.1	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17S(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-14	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89065.D	1	03/14/19 04:12	CSF	n/a	n/a	V4B3764
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.62	1.0	0.54	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17S(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-14	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	42.0	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		81-124%
2037-26-5	Toluene-D8	103%		80-120%
460-00-4	4-Bromofluorobenzene	107%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17I(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-15	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89066.D	1	03/14/19 04:40	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	0.74	1.0	0.50	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	32.3	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	4.7	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17I(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-15	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	151	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17I(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-15	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	GE, 13th Street, Tell City, IN		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	470	100	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²
Manganese	856	15	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²

(1) Instrument QC Batch: MA46297
(2) Prep QC Batch: MP13028

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-17I(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-15F	Date Received:	03/11/19
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	GE, 13th Street, Tell City, IN		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	194	100	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²
Manganese	824	15	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²

(1) Instrument QC Batch: MA46297
(2) Prep QC Batch: MP13028

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-17D(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-16	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89067.D	1	03/14/19 05:08	CSF	n/a	n/a	V4B3764
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-17D(030619)
Lab Sample ID: JC84166-16
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 03/06/19**Date Received:** 03/11/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		80-120%
17060-07-0	1,2-Dichloroethane-D4	112%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	105%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-18S(030619)	
Lab Sample ID:	JC84166-17	Date Sampled: 03/06/19
Matrix:	AQ - Ground Water	Date Received: 03/11/19
Method:	SW846 8260C	Percent Solids: n/a
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89082.D	1	03/14/19 14:23	CSF	n/a	n/a	V4B3765
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-18S(030619)
Lab Sample ID: JC84166-17
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 03/06/19

Date Received: 03/11/19

Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		80-120%
17060-07-0	1,2-Dichloroethane-D4	106%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	107%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-18I(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-18	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89083.D	1	03/14/19 14:51	CSF	n/a	n/a	V4B3765
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-18I(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-18	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		81-124%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	108%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-19	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89084.D	1	03/14/19 15:19	CSF	n/a	n/a	V4B3765
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.90	1.0	0.51	ug/l	J
156-60-5	trans-1,2-Dichloroethene	0.79	1.0	0.54	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-19	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	12.6	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		80-120%
17060-07-0	1,2-Dichloroethane-D4	108%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	108%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-19	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	GE, 13th Street, Tell City, IN		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	5790	100	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²
Manganese	953	15	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²

(1) Instrument QC Batch: MA46297
(2) Prep QC Batch: MP13028

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-11(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-19F	Date Received:	03/11/19
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	GE, 13th Street, Tell City, IN		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	< 100	100	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²
Manganese	< 15	15	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²

(1) Instrument QC Batch: MA46297
(2) Prep QC Batch: MP13028

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-7(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-20	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89157.D	1	03/18/19 12:34	CSF	n/a	n/a	V4B3768
Run #2	4B89086.D	5	03/14/19 16:15	CSF	n/a	n/a	V4B3765

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	299 ^a	5.0	2.5	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.9	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-20	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	545 ^a	5.0	2.6	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	8.8	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%	109%	80-120%
17060-07-0	1,2-Dichloroethane-D4	115%	108%	81-124%
2037-26-5	Toluene-D8	101%	102%	80-120%
460-00-4	4-Bromofluorobenzene	105%	106%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-20	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-21	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4B89138.D	5	03/15/19 17:39	DG	n/a	n/a	V4B3767
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	30	ug/l	
71-43-2	Benzene	ND	2.5	2.1	ug/l	
108-86-1	Bromobenzene	ND	5.0	2.7	ug/l	
74-97-5	Bromochloromethane	ND	5.0	2.4	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	2.9	ug/l	
75-25-2	Bromoform	ND	5.0	3.2	ug/l	
74-83-9	Bromomethane	ND	10	8.2	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	34	ug/l	
104-51-8	n-Butylbenzene	ND	10	2.6	ug/l	
135-98-8	sec-Butylbenzene	ND	10	3.1	ug/l	
98-06-6	tert-Butylbenzene	ND	10	3.4	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	2.8	ug/l	
108-90-7	Chlorobenzene	ND	5.0	2.8	ug/l	
75-00-3	Chloroethane	ND	5.0	3.6	ug/l	
67-66-3	Chloroform	ND	5.0	2.5	ug/l	
74-87-3	Chloromethane	ND	5.0	3.8	ug/l	
95-49-8	o-Chlorotoluene	ND	10	3.2	ug/l	
106-43-4	p-Chlorotoluene	ND	10	3.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	6.0	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	2.8	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	2.4	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	2.7	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	2.7	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	2.5	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	6.8	ug/l	
75-34-3	1,1-Dichloroethane	6.0	5.0	2.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	3.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	3.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	678	5.0	2.5	ug/l	
156-60-5	trans-1,2-Dichloroethene	24.2	5.0	2.7	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.5	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	2.1	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-21	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	2.6	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	4.1	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	2.4	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	2.2	ug/l	
100-41-4	Ethylbenzene	ND	5.0	3.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	2.8	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	3.2	ug/l	
99-87-6	p-Isopropyltoluene	ND	10	3.3	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.5	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	9.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	2.4	ug/l	
75-09-2	Methylene chloride	ND	10	5.0	ug/l	
91-20-3	Naphthalene	ND	25	4.9	ug/l	
103-65-1	n-Propylbenzene	ND	10	3.0	ug/l	
100-42-5	Styrene	ND	5.0	3.5	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	3.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	3.3	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	4.5	ug/l	
108-88-3	Toluene	ND	5.0	2.7	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	2.7	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.7	ug/l	
79-01-6	Trichloroethene	60.3	5.0	2.6	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	4.2	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	3.5	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	5.0	3.9	ug/l	
	m,p-Xylene	ND	5.0	3.9	ug/l	
95-47-6	o-Xylene	ND	5.0	3.0	ug/l	
1330-20-7	Xylene (total)	ND	5.0	3.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		80-120%
17060-07-0	1,2-Dichloroethane-D4	117%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	105%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-21	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Diluted due to high concentration of target compound.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1(030619)		
Lab Sample ID:	JC84166-22	Date Sampled:	03/06/19
Matrix:	AQ - Ground Water	Date Received:	03/11/19
Method:	SW846 8260C	Percent Solids:	n/a
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89085.D	1	03/14/19 15:47	CSF	n/a	n/a	V4B3765
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.9	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-22	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	1.2	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-01(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-23	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4B89206.D	2	03/19/19 13:35	DG	n/a	n/a	V4B3770
Run #2	4B89139.D	5	03/15/19 18:07	DG	n/a	n/a	V4B3767

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	12	ug/l	
71-43-2	Benzene	ND	1.0	0.85	ug/l	
108-86-1	Bromobenzene	ND	2.0	1.1	ug/l	
74-97-5	Bromochloromethane	ND	2.0	0.96	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	1.2	ug/l	
75-25-2	Bromoform	ND	2.0	1.3	ug/l	
74-83-9	Bromomethane	ND	4.0	3.3	ug/l	
78-93-3	2-Butanone (MEK)	ND	20	14	ug/l	
104-51-8	n-Butylbenzene	ND	4.0	1.0	ug/l	
135-98-8	sec-Butylbenzene	ND	4.0	1.2	ug/l	
98-06-6	tert-Butylbenzene	ND	4.0	1.4	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	1.1	ug/l	
108-90-7	Chlorobenzene	ND	2.0	1.1	ug/l	
75-00-3	Chloroethane	ND	2.0	1.5	ug/l	
67-66-3	Chloroform	ND	2.0	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	1.5	ug/l	
95-49-8	o-Chlorotoluene	ND	4.0	1.3	ug/l	
106-43-4	p-Chlorotoluene	ND	4.0	1.2	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.0	2.4	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	1.1	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.95	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.0	1.1	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.0	1.1	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.0	1.0	ug/l	
75-71-8	Dichlorodifluoromethane ^b	ND	4.0	2.7	ug/l	
75-34-3	1,1-Dichloroethane	5.5	2.0	1.1	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	1.2	ug/l	
75-35-4	1,1-Dichloroethene	ND	2.0	1.2	ug/l	
156-59-2	cis-1,2-Dichloroethene	570 ^c	5.0	2.5	ug/l	
156-60-5	trans-1,2-Dichloroethene	21.1	2.0	1.1	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	1.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	2.0	0.85	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-01(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-23	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	1.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.0	1.6	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.94	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.86	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.2	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	2.0	1.3	ug/l	
99-87-6	p-Isopropyltoluene	ND	4.0	1.3	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	10	3.7	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.96	ug/l	
75-09-2	Methylene chloride	ND	4.0	2.0	ug/l	
91-20-3	Naphthalene	ND	10	2.0	ug/l	
103-65-1	n-Propylbenzene	ND	4.0	1.2	ug/l	
100-42-5	Styrene	ND	2.0	1.4	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	1.2	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	1.3	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	1.8	ug/l	
108-88-3	Toluene	ND	2.0	1.1	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	1.1	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	1.1	ug/l	
79-01-6	Trichloroethene	50.5	2.0	1.1	ug/l	
75-69-4	Trichlorofluoromethane	ND	4.0	1.7	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	4.0	1.4	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	4.0	2.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	4.0	2.0	ug/l	
75-01-4	Vinyl chloride	1.7	2.0	1.6	ug/l	J
	m,p-Xylene	ND	2.0	1.6	ug/l	
95-47-6	o-Xylene	ND	2.0	1.2	ug/l	
1330-20-7	Xylene (total)	ND	2.0	1.2	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%	112%	80-120%
17060-07-0	1,2-Dichloroethane-D4	112%	116%	81-124%
2037-26-5	Toluene-D8	99%	102%	80-120%
460-00-4	4-Bromofluorobenzene	106%	107%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-01(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-23	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Diluted due to high concentration of target compound.
- (b) Associated CCV outside of control limits high, sample was ND.
- (c) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3(030619)	
Lab Sample ID:	JC84166-24	Date Sampled: 03/06/19
Matrix:	AQ - Ground Water	Date Received: 03/11/19
Method:	SW846 8260C	Percent Solids: n/a
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89091.D	1	03/14/19 18:35	CSF	n/a	n/a	V4B3765
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	19.4	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	0.72	1.0	0.56	ug/l	J
75-00-3	Chloroethane	5.2	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	1.7	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-24	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	60.7	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	8.4	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.0	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	3.5	5.0	0.98	ug/l	J
103-65-1	n-Propylbenzene	9.0	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	1.5	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	47.3	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	12.6	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	318	1.0	0.78	ug/l	
95-47-6	o-Xylene	14.4	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	332	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	109%		80-120%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2(030619)	
Lab Sample ID:	JC84166-25	Date Sampled: 03/06/19
Matrix:	AQ - Ground Water	Date Received: 03/11/19
Method:	SW846 8260C	Percent Solids: n/a
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89092.D	1	03/14/19 19:03	CSF	n/a	n/a	V4B3765
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.6	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2(030619)	Date Sampled:	03/06/19
Lab Sample ID:	JC84166-25	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	1.2	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	107%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-26	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89198.D	1	03/19/19 09:50	DG	n/a	n/a	V4B3770
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane ^a	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	6.3	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	5.4	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-26	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	174	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	107%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-26	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-27	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89207.D	1	03/19/19 14:03	DG	n/a	n/a	V4B3770
Run #2	4B89140.D	5	03/15/19 18:35	DG	n/a	n/a	V4B3767

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane ^a	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	144	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	24.6	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-13(030719)

Lab Sample ID: JC84166-27

Date Sampled: 03/07/19

Matrix: AQ - Ground Water

Date Received: 03/11/19

Method: SW846 8260C

Percent Solids: n/a

Project: GE, 13th Street, Tell City, IN

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	489 ^b	5.0	2.6	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%	116%	80-120%
17060-07-0	1,2-Dichloroethane-D4	112%	117%	81-124%
2037-26-5	Toluene-D8	101%	101%	80-120%
460-00-4	4-Bromofluorobenzene	108%	107%	80-120%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-27	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-27	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	GE, 13th Street, Tell City, IN		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron ^a	60300	500	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²
Manganese ^a	2290	75	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²

(1) Instrument QC Batch: MA46297

(2) Prep QC Batch: MP13028

(a) Elevated sample detection limit due to difficult sample matrix.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-13(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-27F	Date Received:	03/11/19
Matrix:	AQ - Groundwater Filtered	Percent Solids:	n/a
Project:	GE, 13th Street, Tell City, IN		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Iron	< 100	100	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²
Manganese	20.7	15	ug/l	1	03/12/19	03/13/19 GT	SW846 6010D ¹	SW846 3010A ²

(1) Instrument QC Batch: MA46297
(2) Prep QC Batch: MP13028

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-14(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-28	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89123.D	1	03/15/19 10:34	DG	n/a	n/a	V4B3767
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-28	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	6.8	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		80-120%
17060-07-0	1,2-Dichloroethane-D4	112%		81-124%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6D(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-29	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89124.D	1	03/15/19 11:02	DG	n/a	n/a	V4B3767
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	2.8	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6D(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-29	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	0.96	1.0	0.79	ug/l	J
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		80-120%
17060-07-0	1,2-Dichloroethane-D4	113%		81-124%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6S(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-30	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89141.D	25	03/15/19 19:04	DG	n/a	n/a	V4B3767
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	250	150	ug/l	
71-43-2	Benzene	ND	13	11	ug/l	
108-86-1	Bromobenzene	ND	25	14	ug/l	
74-97-5	Bromochloromethane	ND	25	12	ug/l	
75-27-4	Bromodichloromethane	ND	25	15	ug/l	
75-25-2	Bromoform	ND	25	16	ug/l	
74-83-9	Bromomethane	ND	50	41	ug/l	
78-93-3	2-Butanone (MEK)	ND	250	170	ug/l	
104-51-8	n-Butylbenzene	ND	50	13	ug/l	
135-98-8	sec-Butylbenzene	ND	50	16	ug/l	
98-06-6	tert-Butylbenzene	ND	50	17	ug/l	
56-23-5	Carbon tetrachloride	ND	25	14	ug/l	
108-90-7	Chlorobenzene	ND	25	14	ug/l	
75-00-3	Chloroethane	ND	25	18	ug/l	
67-66-3	Chloroform	ND	25	13	ug/l	
74-87-3	Chloromethane	ND	25	19	ug/l	
95-49-8	o-Chlorotoluene	ND	50	16	ug/l	
106-43-4	p-Chlorotoluene	ND	50	15	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	30	ug/l	
124-48-1	Dibromochloromethane	ND	25	14	ug/l	
106-93-4	1,2-Dibromoethane	ND	25	12	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	25	13	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	25	14	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	25	13	ug/l	
75-71-8	Dichlorodifluoromethane	ND	50	34	ug/l	
75-34-3	1,1-Dichloroethane	ND	25	14	ug/l	
107-06-2	1,2-Dichloroethane	ND	25	15	ug/l	
75-35-4	1,1-Dichloroethene	ND	25	15	ug/l	
156-59-2	cis-1,2-Dichloroethene	4380	25	13	ug/l	
156-60-5	trans-1,2-Dichloroethene	27.3	25	13	ug/l	
78-87-5	1,2-Dichloropropane	ND	25	13	ug/l	
142-28-9	1,3-Dichloropropane	ND	25	11	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6S(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-30	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	25	13	ug/l	
563-58-6	1,1-Dichloropropene	ND	25	20	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	25	12	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	25	11	ug/l	
100-41-4	Ethylbenzene	ND	25	15	ug/l	
87-68-3	Hexachlorobutadiene	ND	50	14	ug/l	
98-82-8	Isopropylbenzene	ND	25	16	ug/l	
99-87-6	p-Isopropyltoluene	ND	50	16	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	25	13	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	130	46	ug/l	
74-95-3	Methylene bromide	ND	25	12	ug/l	
75-09-2	Methylene chloride	ND	50	25	ug/l	
91-20-3	Naphthalene	ND	130	25	ug/l	
103-65-1	n-Propylbenzene	ND	50	15	ug/l	
100-42-5	Styrene	ND	25	17	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	25	15	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	16	ug/l	
127-18-4	Tetrachloroethene	ND	25	22	ug/l	
108-88-3	Toluene	ND	25	13	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	25	13	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	25	13	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	25	13	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	25	13	ug/l	
79-01-6	Trichloroethene	32.3	25	13	ug/l	
75-69-4	Trichlorofluoromethane	ND	50	21	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	50	17	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	50	25	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	50	25	ug/l	
75-01-4	Vinyl chloride	462	25	20	ug/l	
	m,p-Xylene	ND	25	20	ug/l	
95-47-6	o-Xylene	ND	25	15	ug/l	
1330-20-7	Xylene (total)	ND	25	15	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	116%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8S(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-31	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89125.D	1	03/15/19 11:30	DG	n/a	n/a	V4B3767
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	16.2	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.55	1.0	0.54	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8S(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-31	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	1.6	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	188	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	113%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	105%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8D(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-32	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89126.D	1	03/15/19 11:59	DG	n/a	n/a	V4B3767
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	1.5	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.8	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8D(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-32	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	0.82	1.0	0.53	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		80-120%
17060-07-0	1,2-Dichloroethane-D4	115%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10S(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-33	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89127.D	1	03/15/19 12:27	DG	n/a	n/a	V4B3767
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	19.2	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.60	1.0	0.54	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10S(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-33	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	1.1	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	1.9	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		80-120%
17060-07-0	1,2-Dichloroethane-D4	116%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	105%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10D(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-34	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	4B89205.D	5	03/19/19 13:07	DG	n/a	n/a	V4B3770
Run #2	4B89142.D	10	03/15/19 19:32	DG	n/a	n/a	V4B3767

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	30	ug/l	
71-43-2	Benzene	ND	2.5	2.1	ug/l	
108-86-1	Bromobenzene	ND	5.0	2.7	ug/l	
74-97-5	Bromochloromethane	ND	5.0	2.4	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	2.9	ug/l	
75-25-2	Bromoform	ND	5.0	3.2	ug/l	
74-83-9	Bromomethane	ND	10	8.2	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	34	ug/l	
104-51-8	n-Butylbenzene	ND	10	2.6	ug/l	
135-98-8	sec-Butylbenzene	ND	10	3.1	ug/l	
98-06-6	tert-Butylbenzene	ND	10	3.4	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	2.8	ug/l	
108-90-7	Chlorobenzene	ND	5.0	2.8	ug/l	
75-00-3	Chloroethane	ND	5.0	3.6	ug/l	
67-66-3	Chloroform	ND	5.0	2.5	ug/l	
74-87-3	Chloromethane	ND	5.0	3.8	ug/l	
95-49-8	o-Chlorotoluene	ND	10	3.2	ug/l	
106-43-4	p-Chlorotoluene	ND	10	3.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	6.0	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	2.8	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	2.4	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	2.7	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	2.7	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	2.5	ug/l	
75-71-8	Dichlorodifluoromethane ^b	ND	10	6.8	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	2.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	3.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	3.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	1150 ^c	10	5.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	10.1	5.0	2.7	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.5	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	2.1	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-10D(030719)
Lab Sample ID: JC84166-34
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 03/07/19**Date Received:** 03/11/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	2.6	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	4.1	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	2.4	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	2.2	ug/l	
100-41-4	Ethylbenzene	ND	5.0	3.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	2.8	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	3.2	ug/l	
99-87-6	p-Isopropyltoluene	ND	10	3.3	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.5	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	9.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	2.4	ug/l	
75-09-2	Methylene chloride	ND	10	5.0	ug/l	
91-20-3	Naphthalene	ND	25	4.9	ug/l	
103-65-1	n-Propylbenzene	ND	10	3.0	ug/l	
100-42-5	Styrene	ND	5.0	3.5	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	3.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	3.3	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	4.5	ug/l	
108-88-3	Toluene	ND	5.0	2.7	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	2.7	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.7	ug/l	
79-01-6	Trichloroethene	ND	5.0	2.6	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	4.2	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	3.5	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	52.6	5.0	3.9	ug/l	
	m,p-Xylene	ND	5.0	3.9	ug/l	
95-47-6	o-Xylene	ND	5.0	3.0	ug/l	
1330-20-7	Xylene (total)	ND	5.0	3.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%	113%	80-120%
17060-07-0	1,2-Dichloroethane-D4	110%	117%	81-124%
2037-26-5	Toluene-D8	102%	101%	80-120%
460-00-4	4-Bromofluorobenzene	107%	105%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10D(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-34	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Diluted due to high concentration of target compound.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9S(030719)	
Lab Sample ID:	JC84166-35	Date Sampled: 03/07/19
Matrix:	AQ - Ground Water	Date Received: 03/11/19
Method:	SW846 8260C	Percent Solids: n/a
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89128.D	1	03/15/19 12:55	DG	n/a	n/a	V4B3767
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9S(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-35	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	0.74	1.0	0.53	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		80-120%
17060-07-0	1,2-Dichloroethane-D4	115%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9D(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-36	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89129.D	1	03/15/19 13:23	DG	n/a	n/a	V4B3767
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9D(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-36	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	0.63	1.0	0.53	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		80-120%
17060-07-0	1,2-Dichloroethane-D4	115%		81-124%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	107%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5D(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-37	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89130.D	1	03/15/19 13:52	DG	n/a	n/a	V4B3767
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5D(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-37	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%		80-120%
17060-07-0	1,2-Dichloroethane-D4	117%		81-124%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	107%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5S(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-38	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89131.D	1	03/15/19 14:20	DG	n/a	n/a	V4B3767
Run #2	4B89202.D	10	03/19/19 11:43	DG	n/a	n/a	V4B3770

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	0.81	1.0	0.50	ug/l	J
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	15.3	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.58	1.0	0.54	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5S(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-38	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	2.4	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	0.94	1.0	0.53	ug/l	J
79-01-6	Trichloroethene	315 ^a	10	5.3	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%	112%	80-120%
17060-07-0	1,2-Dichloroethane-D4	116%	110%	81-124%
2037-26-5	Toluene-D8	99%	103%	80-120%
460-00-4	4-Bromofluorobenzene	106%	108%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5S(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-38	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-39	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89136.D	1	03/15/19 16:42	DG	n/a	n/a	V4B3767
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	65.8	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-39	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	1.4	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	0.80	1.0	0.79	ug/l	J
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	115%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-02(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-40	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89137.D	1	03/15/19 17:11	DG	n/a	n/a	V4B3767
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	20.3	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.58	1.0	0.54	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-02(030719)	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-40	Date Received:	03/11/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	1.1	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	2.0	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		80-120%
17060-07-0	1,2-Dichloroethane-D4	118%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	105%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK 2	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-41	Date Received:	03/11/19
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4B89135.D	1	03/15/19 16:13	DG	n/a	n/a	V4B3767
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK 2	Date Sampled:	03/07/19
Lab Sample ID:	JC84166-41	Date Received:	03/11/19
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		80-120%
17060-07-0	1,2-Dichloroethane-D4	115%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	106%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



W
WB

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 136, Dayton, NJ 08816
TEL: 732-329-0200 FAX: 732-329-3489/3480
www.sgs.com/en/usa

463600615435

Page 1 of 4

L

Client / Reporting Information		Project Information		Requested Analysis		Matrix Codes	
Company Name: Arcadis		Project Name: GE Tell City		Bottle Order Control #: 463600615424		SGS Job #: AK-022719-25	
Street Address: 150 W. Market, Ste 72		Street: 1412 13 th		SGS Quote #		JC84166	
City: Indianapolis, IN 46204		City: Tell City, IN		Matrix Codes		DW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AFL - Air SOL - Other Solid WIP - Wipes FBI - Field Blank EBC - Equipment Blank RS - Rinse Blank TB - Trip Blank	
Project Contact: Daniel Petzel		Project #		Billing Information (if different from Report to)			
E-mail: daniel.petzel@arcadis.com		Protect #		Company Name			
Phone #: 317-236-2821		Client Purchase Order #		Street Address			
Sample(s) Name(s): Sydney Olson + Cameron Skwarek		Project Manager: JON AKA		City		State	
Phone #		Attention:		Zip			
Turn Around Time (Business Days)		Collection		Deliverable		Comments / Special Instructions	
Approved By (SGS PM) / Date:		Date		NYASP Category A		All times in CST	
10 Business Days		LAB		NYASP Category B		*MW-19S is MS/MSD	
5 Business Days		LAB		MA MCP Criteria			
3 Business Days		LAB		CT RCP Criteria			
2 Business Days		LAB		State Forms			
1 Business Day		LAB		EDD Format			
Other		LAB		DOO-QSMS			
All data available via Lablink		LAB		Commercial "A" = Results only; Commercial "B" = Results + QC Summary			
		LAB		Commercial "C" = Results + QC Summary + Partial Raw data			
		LAB		Sample Custody must be documented below each time samples change possession, including courier delivery.			
Relinquished by: 1. Sydney Olson		Date / Time: 3/8/19 0945		Relinquished By: 2. FX		Date / Time: 3/11/19 8:50	
Relinquished by: 3.		Date / Time:		Relinquished By: 4. FX		Date / Time:	
Relinquished by: 5.		Date / Time:		Relinquished By: 5.		Date / Time:	
				Custody Seal #		On Ice	
				11012		Cooler Temp: 2.9C-P	
				Used		2.8C-P	
				Not used			
				Preserved where applicable			
				Therm ID:			

0 VOA QC VIAL

INITIAL ASSESSMENT 2B PDS

LABEL VERIFICATION

EHSA-QAC-0023-02-FORM-4Dayton - Standard COC.docx

JC84166: Chain of Custody

Page 1 of 6





CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08610
TEL 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

Page 2 of 4

Client / Reporting Information				Project Information				Requested Analysis												Matrix Codes			
Company Name: Arcadis				Project Name: GE Tell City				<div style="display: flex; justify-content: space-between;"><div>✓ VOCs 8260</div><div>Total Fe, Mn</div><div>dissolved Fe, Mn</div></div>												<div>DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LJO - Other Liquid ARI - Air SOL - Other Solid WIP - Wipe FB - Field Blank EB - Equipment Blank RIB - Rinse Blank TB - Trip Blank</div>			
Street Address: 150 W. Market St. Ste 200				City: Indianapolis IN 46204																			
State: IN				Zip: 46204																			
City: Indianapolis IN				State: IN																			
Project Contact: David - pct2010@arcadis.com				Project # ALC00911-0017				Billing Information (if different from Report to)															
Phone #				Client Purchase Order #				Company Name															
Sender(s) Name(s): Sydney Blvd Cameron Stewart				Project Manager: Tom Allen				Street Address															
Phone #				Attention:				City															
Field ID / Point of Collection				MECONID / Vol #				Number of preserved bottles															
Date				Time				Matrix															
Sampled by				Gas (G) Comp (C)				# of bottles															
13 MW-21 I (030619)				3.5.19 1640				CS G GW 3 3															
14 MW-17 S (030619)				3.6.19 1010				CS G GW 3 3															
15 MW-17 I (030619)				3.6.19 1050				CS G GW 5 3															
16 MW-17 D (030619)				3.6.19 0930				CS G GW 3 3															
17 MW-19 S (030619)				3.6.19 1150				CS G GW 3 3															
18 MW-18 I (030619)				3.6.19 1205				CS G GW 3 3															
19 MW-11 (030619)				3.6.19 1330				CS G GW 5 3															
20 MW-7 (030619)				3.6.19 1930				SO G GW 3 3															
21 MW-15 (030619)				3.6.19 1520				SO G GW 3 3															
22 MW-1 (030619)				3.6.19 1615				SO G GW 3 3															
23 Dup-01 (030619)				3.6.19				SO G GW 3 3															
24 MW-3 (030619)				3.6.19 1710				SO G GW 3 3															
Turn Around Time (Business Days)				Approved By (SGS PM): / Date:				Deliverable												Comments / Special Instructions			
<input type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days <input type="checkbox"/> 2 Business Days <input type="checkbox"/> 1 Business Day <input type="checkbox"/> Other				<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NJ Reduced (Level 3) <input type="checkbox"/> Full Tier I (Level 4) <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NJ DGWP				<input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> MA MCP Criteria <input type="checkbox"/> CT RCP Criteria <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format															
All data available via Lablink				* Approval needed for 1-3 Business Day TAT				Commercial "A" = Results only; Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data												http://www.sgs.com/en/terms-and-conditions			
Requisitioned by: [Signature]				Date / Time: 3/6/19 0945				Received By: FX				Requisitioned By: FX				Date / Time: 3/11/19 8:50				Received By: [Signature]			
Requisitioned By: 3				Date / Time:				Received By: 3				Requisitioned By: 4				Date / Time:				Received By: 4			
Requisitioned By: 5				Date / Time:				Received By: 5				Requisitioned By: 4				Date / Time:				Received By: 4			
Custody Seal #				Intact <input checked="" type="checkbox"/> Not Intact <input type="checkbox"/>				Preserved when applicable				Therm. ID: A				Cooler Temp. °C							

BSA-QAC-0023-02-FORM-Dayton - Standard CDC.xlsx

JC84166: Chain of Custody

Page 2 of 6



112 of 176

JC84166

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

Client / Reporting Information		Project Information		Requested Analysis		Matrix Codes	
Company Name: Arcadis		Project Name: GE Tell City					
Street Address: 150 W Market, Ste 720		Street: 1412 13th St.					
City State Zip: Indianapolis IN 46204		Billing Information (if different from Report to) Company Name:					
Project Contact E-mail: daniel.petrol@arcadis.com		Street Address:					
Phone #:		City State Zip:					
Sample(s) Name(s): Sprayed * Cameron Stewart Jon Akin		Attention:					
Field ID / Point of Collection		Collection					
SGS Sample #	MECHDI Val #	Date	Time	Sampled by	Clean (R) Comp (C)	Matrix	# of bottles
25 MW-2 (030619)		3.6.19	1800	SD	G	GW	3
26 MW-12 (030719)		3.7.19	0945	SD	G	GW	3
27 MW-13 (030719)		3.7.19	1005	SD	G	GW	5
28 MW-14 (030719)		3.7.19	1115	SD	G	GW	3
29 MW-6D (030719)		3.7.19	1235	LS	G	GW	3
30 MW-6S (030719)		3.7.19	1315	CS	G	GW	3
31 MW-BS (030719)		3.7.19	1405	CS	G	GW	3
32 MW-BD (030719)		3.7.19	1445	CS	G	GW	3
33 MW-10S (030719)		3.7.19	1645	CS	G	GW	3
34 MW-10D (030719)		3.7.19	1735	CS	G	GW	3
35 MW-9S (030719)		3.7.19	1840	SD	G	GW	3
36 MW-9D (030719)		3.7.19	1250	SD	G	GW	3
Turn Around Time (Business Days)				Deliverable			
Approved By (SGS PM) / Date:				Comments / Special Instructions			
<input type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days <input type="checkbox"/> 2 Business Days <input type="checkbox"/> 1 Business Day <input type="checkbox"/> Other _____				<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NJ Reduced (Level 3) <input type="checkbox"/> Full Tier I (Level 4) <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NJ DKGP			
<input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> MA MCP Criteria <input type="checkbox"/> CT RCP Criteria <input type="checkbox"/> State Forms <input type="checkbox"/> EDO Format				<input type="checkbox"/> DOD-QSRMS All times in CST			
Client Custody must be documented below each time samples change possession, including courier delivery. Sample Custody must be documented below each time samples change possession, including courier delivery.							
Retinquished by:		Received by:		Retinquished by:		Received by:	
Daniel Petrol		Fx		Fx		J. Akin	
Date / Time:		Date / Time:		Date / Time:		Date / Time:	
3/6/19 0945		3/6/19 0945		3/6/19 0945		3/6/19 0945	
Retinquished by:		Received by:		Retinquished by:		Received by:	
3		5		4		4	
Date / Time:		Date / Time:		Date / Time:		Date / Time:	
3/6/19		3/6/19		3/6/19		3/6/19	
Cooler Temp. °C		Cooler Temp. °C		Cooler Temp. °C		Cooler Temp. °C	
5		5		4		4	

JC84166: Chain of Custody

Page 3 of 6

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

Client / Reporting Information		Project Name: GE Tell City		www.sgs.com/en-us		Requested Analysis		Matrix Code																															
Company Name: Arcadis		Street Address: 50 W. Market, Ste 72B		City, State, Zip: Indianapolis IN 46204		Billing Information (if different from Report to) Company Name: Tell City IN		DW - Drinking Water GW - Ground Water WW - Waste SW - Surface Water SO - Soil SL - Sludge SED-Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WIP - Wipes FB - Field Blank ED-Equipment Blank RB - Rinse Blank TB - Trip Blank																															
Project Contact: Daniel-petzold@arcadis.com		E-mail: AL00911.0017		Client Purchase Order #		Attention:																																	
Sample(s) Name(s): Syncey Blvd - Cammer Street		Phone #: Jon Akin		Collection		Number of preserved bottles																																	
BGS Sample #	Field ID / Point of Collection	METHOD Val #	Date	Time	Sampled by	Gross (G)	Net (G)	Matrix	# of bottles	HCl	NH ₄	NH ₃	NH ₂	NONE	Cd	Pb	MECH	ENDUSE																					
37	MW-SD (030719)		3.7.19	1450	SD	6	GW	3	3																														
38	MW-SS (030719)		3.7.19	1540	SD	6	GW	3	3																														
39	MW-U (030719)		3.7.19	1700	SD	6	GW	3	3																														
40	DUP-02 (030719)		3.7.19	-	LS	4	GW	3	3																														
41	Trip Blank 2		LAB	LAB	LAB	-	TB	2	2																														
Turn Around Time (Business Days)										Deliverable										Comments / Special Instructions																			
<input type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days <input type="checkbox"/> 2 Business Days <input type="checkbox"/> 1 Business Day <input type="checkbox"/> Other _____ All dates available via LabLink										Approved By (BGS PR): Date: _____ <input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NJ Reduced (Level 3) <input type="checkbox"/> Full Tier I (Level 4) <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NJ DWSP										<input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> MA MCP Criteria <input type="checkbox"/> CT RCP Criteria <input type="checkbox"/> State Forms <input type="checkbox"/> EDO Format <input type="checkbox"/> OOD-QSM5										• All times in CST									
* Approval needed for 1-3 Business Day TAT										Commercial "A" = Results only; Commercial "B" = Results + QC Summary + Partial Raw data Commercial "C" = Results + QC Summary + Partial Raw data										http://www.sgs.com/en/terms-and-conditions																			
Sample Custody must be documented below each time samples change possession, including courier delivery.																																							
Requested by: Daniel Petzold Date / Time: 3/19/19 0945										Received By: FX Date / Time: 3/19/19 0945										Retinquired by: FX Date / Time: 3/19/19 8:50																			
Retinquired by: FX Date / Time: 3/19/19 8:50										Received By: FX Date / Time: 3/19/19 8:50										Retinquired by: FX Date / Time: 3/19/19 8:50																			
Retinquired by: FX Date / Time: 3/19/19 8:50										Received By: FX Date / Time: 3/19/19 8:50										Retinquired by: FX Date / Time: 3/19/19 8:50																			

EHS-04C-0023-02-FORM-Devlon - Standard COC.xlsx

JC84166: Chain of Custody

Page 4 of 6

SGS Sample Receipt Summary

Job Number: JC84166

Client: ARCADIS

Project: GE, 13TH STREET, TELL CITY, IN

Date / Time Received: 3/11/2019 8:50:00 AM

Delivery Method: FedEx

Airbill #s:
Cooler Temps (Raw Measured) °C: Cooler 1: (2.9); Cooler 2: (2.8);

Cooler Temps (Corrected) °C: Cooler 1: (1.9); Cooler 2: (1.8);

Cooler Security
Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK: ☒ ☐

Cooler Temperature
Y or N

1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: IR Gun
3. Cooler media: Ice (Bag)
4. No. Coolers: 2

Quality Control Preservation
Y or N N/A

1. Trip Blank present / cooler: ☒ ☐ ☐
2. Trip Blank listed on COC: ☒ ☐ ☐
3. Samples preserved properly: ☒ ☐ ☐
4. VOCs headspace free: ☒ ☐ ☐

Sample Integrity - Documentation
Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition
Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions
Y or N N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Test Strip Lot #s:

pH 1-12: 206717

pH 12+: 208717

Other: (Specify)

Comments

-18 Collection time on labels is 12:30, not 12:05. ID and date is ok.

SM089-02 Rev. Date 12/1/16

JC84166: Chain of Custody
Page 5 of 6

-18: Follow time on COC

4.1

4

JC84166: Chain of Custody
Page 6 of 6

MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 3

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3764-MB	4B89048.D	1	03/13/19	CSF	n/a	n/a	V4B3764

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-2, JC84166-3, JC84166-4, JC84166-5, JC84166-6, JC84166-7, JC84166-8, JC84166-9, JC84166-10, JC84166-11, JC84166-12, JC84166-13, JC84166-14, JC84166-15, JC84166-16

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	

Method Blank Summary

Page 2 of 3

Job Number: JC84166**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3764-MB	4B89048.D	1	03/13/19	CSF	n/a	n/a	V4B3764

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC84166-2, JC84166-3, JC84166-4, JC84166-5, JC84166-6, JC84166-7, JC84166-8, JC84166-9, JC84166-10, JC84166-11, JC84166-12, JC84166-13, JC84166-14, JC84166-15, JC84166-16

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	106% 80-120%
17060-07-0	1,2-Dichloroethane-D4	103% 81-124%
2037-26-5	Toluene-D8	104% 80-120%
460-00-4	4-Bromofluorobenzene	108% 80-120%

Method Blank Summary

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3764-MB	4B89048.D	1	03/13/19	CSF	n/a	n/a	V4B3764

The QC reported here applies to the following samples:

Method:

JC84166-2, JC84166-3, JC84166-4, JC84166-5, JC84166-6, JC84166-7, JC84166-8, JC84166-9, JC84166-10, JC84166-11, JC84166-12, JC84166-13, JC84166-14, JC84166-15, JC84166-16

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	3.58	8.3	ug/l	J
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Page 1 of 3

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3765-MB	4B89073.D	1	03/14/19	CSF	n/a	n/a	V4B3765

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-1, JC84166-17, JC84166-18, JC84166-19, JC84166-20, JC84166-22, JC84166-24, JC84166-25

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	

Method Blank Summary

Page 2 of 3

Job Number: JC84166**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3765-MB	4B89073.D	1	03/14/19	CSF	n/a	n/a	V4B3765

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC84166-1, JC84166-17, JC84166-18, JC84166-19, JC84166-20, JC84166-22, JC84166-24, JC84166-25

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	112% 80-120%
17060-07-0	1,2-Dichloroethane-D4	111% 81-124%
2037-26-5	Toluene-D8	101% 80-120%
460-00-4	4-Bromofluorobenzene	108% 80-120%

Method Blank Summary

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3765-MB	4B89073.D	1	03/14/19	CSF	n/a	n/a	V4B3765

The QC reported here applies to the following samples:

Method:

JC84166-1, JC84166-17, JC84166-18, JC84166-19, JC84166-20, JC84166-22, JC84166-24, JC84166-25

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	3.57	7.1	ug/l	J
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Page 1 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3767-MB	4B89122.D	1	03/15/19	DG	n/a	n/a	V4B3767

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-21, JC84166-23, JC84166-27, JC84166-28, JC84166-29, JC84166-30, JC84166-31, JC84166-32, JC84166-33, JC84166-34, JC84166-35, JC84166-36, JC84166-37, JC84166-38, JC84166-39, JC84166-40, JC84166-41

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	

Method Blank Summary

Page 2 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3767-MB	4B89122.D	1	03/15/19	DG	n/a	n/a	V4B3767

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-21, JC84166-23, JC84166-27, JC84166-28, JC84166-29, JC84166-30, JC84166-31, JC84166-32, JC84166-33, JC84166-34, JC84166-35, JC84166-36, JC84166-37, JC84166-38, JC84166-39, JC84166-40, JC84166-41

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	113% 80-120%
17060-07-0	1,2-Dichloroethane-D4	113% 81-124%
2037-26-5	Toluene-D8	101% 80-120%
460-00-4	4-Bromofluorobenzene	106% 80-120%

Method Blank Summary

Page 1 of 3

Job Number: JC84166**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3768-MB	4B89150.D	1	03/18/19	CSF	n/a	n/a	V4B3768

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC84166-20

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	

Method Blank Summary

Page 2 of 3

Job Number: JC84166**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3768-MB	4B89150.D	1	03/18/19	CSF	n/a	n/a	V4B3768

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC84166-20

CAS No.	Compound	Result	RL	MDL	Units	Q
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	109% 80-120%
17060-07-0	1,2-Dichloroethane-D4	110% 81-124%
2037-26-5	Toluene-D8	102% 80-120%
460-00-4	4-Bromofluorobenzene	109% 80-120%

Method Blank Summary

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3768-MB	4B89150.D	1	03/18/19	CSF	n/a	n/a	V4B3768

The QC reported here applies to the following samples: Method:

JC84166-20

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	3.57	5.2	ug/l	J
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Page 1 of 3

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3770-MB	4B89197.D	1	03/19/19	DG	n/a	n/a	V4B3770

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-23, JC84166-26, JC84166-27, JC84166-34, JC84166-38

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	

Method Blank Summary

Page 2 of 3

Job Number: JC84166**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3770-MB	4B89197.D	1	03/19/19	DG	n/a	n/a	V4B3770

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC84166-23, JC84166-26, JC84166-27, JC84166-34, JC84166-38

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	114% 80-120%
17060-07-0	1,2-Dichloroethane-D4	112% 81-124%
2037-26-5	Toluene-D8	103% 80-120%
460-00-4	4-Bromofluorobenzene	109% 80-120%

Method Blank Summary

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3770-MB	4B89197.D	1	03/19/19	DG	n/a	n/a	V4B3770

The QC reported here applies to the following samples: Method:

JC84166-23, JC84166-26, JC84166-27, JC84166-34, JC84166-38

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	3.58	12	ug/l	J
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Page 1 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3764-BS	4B89046.D	1	03/13/19	CSF	n/a	n/a	V4B3764

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-2, JC84166-3, JC84166-4, JC84166-5, JC84166-6, JC84166-7, JC84166-8, JC84166-9, JC84166-10, JC84166-11, JC84166-12, JC84166-13, JC84166-14, JC84166-15, JC84166-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	180	90	42-150
71-43-2	Benzene	50	49.9	100	80-120
108-86-1	Bromobenzene	50	55.2	110	82-118
74-97-5	Bromochloromethane	50	50.4	101	84-121
75-27-4	Bromodichloromethane	50	49.8	100	83-120
75-25-2	Bromoform	50	51.1	102	76-129
74-83-9	Bromomethane	50	46.2	92	57-138
78-93-3	2-Butanone (MEK)	200	194	97	64-137
104-51-8	n-Butylbenzene	50	49.4	99	81-123
135-98-8	sec-Butylbenzene	50	50.6	101	84-121
98-06-6	tert-Butylbenzene	50	51.9	104	83-122
56-23-5	Carbon tetrachloride	50	48.9	98	75-135
108-90-7	Chlorobenzene	50	49.9	100	84-117
75-00-3	Chloroethane	50	48.3	97	63-132
67-66-3	Chloroform	50	48.9	98	80-119
74-87-3	Chloromethane	50	46.4	93	46-136
95-49-8	o-Chlorotoluene	50	54.8	110	84-118
106-43-4	p-Chlorotoluene	50	53.5	107	83-116
96-12-8	1,2-Dibromo-3-chloropropane	50	49.4	99	72-127
124-48-1	Dibromochloromethane	50	50.7	101	80-123
106-93-4	1,2-Dibromoethane	50	55.3	111	84-117
95-50-1	1,2-Dichlorobenzene	50	51.4	103	84-119
541-73-1	1,3-Dichlorobenzene	50	52.2	104	81-117
106-46-7	1,4-Dichlorobenzene	50	51.7	103	82-117
75-71-8	Dichlorodifluoromethane	50	57.2	114	36-149
75-34-3	1,1-Dichloroethane	50	50.6	101	79-120
107-06-2	1,2-Dichloroethane	50	46.1	92	78-126
75-35-4	1,1-Dichloroethene	50	48.8	98	69-126
156-59-2	cis-1,2-Dichloroethene	50	52.1	104	80-120
156-60-5	trans-1,2-Dichloroethene	50	51.1	102	76-120
78-87-5	1,2-Dichloropropane	50	49.7	99	82-121
142-28-9	1,3-Dichloropropane	50	49.0	98	83-115
594-20-7	2,2-Dichloropropane	50	47.3	95	65-133
563-58-6	1,1-Dichloropropene	50	47.9	96	80-121
10061-01-5	cis-1,3-Dichloropropene	50	50.1	100	83-120
10061-02-6	trans-1,3-Dichloropropene	50	51.1	102	82-121

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3764-BS	4B89046.D	1	03/13/19	CSF	n/a	n/a	V4B3764

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-2, JC84166-3, JC84166-4, JC84166-5, JC84166-6, JC84166-7, JC84166-8, JC84166-9, JC84166-10, JC84166-11, JC84166-12, JC84166-13, JC84166-14, JC84166-15, JC84166-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	51.4	103	80-120
87-68-3	Hexachlorobutadiene	50	44.4	89	75-129
98-82-8	Isopropylbenzene	50	52.0	104	83-120
99-87-6	p-Isopropyltoluene	50	50.7	101	83-122
1634-04-4	Methyl Tert Butyl Ether	50	49.1	98	80-119
108-10-1	4-Methyl-2-pentanone(MIBK)	200	198	99	71-131
74-95-3	Methylene bromide	50	48.7	97	85-120
75-09-2	Methylene chloride	50	49.3	99	77-120
91-20-3	Naphthalene	50	52.6	105	73-131
103-65-1	n-Propylbenzene	50	53.7	107	82-119
100-42-5	Styrene	50	54.0	108	82-122
630-20-6	1,1,1,2-Tetrachloroethane	50	52.8	106	82-121
79-34-5	1,1,2,2-Tetrachloroethane	50	50.4	101	76-119
127-18-4	Tetrachloroethene	50	51.7	103	70-131
108-88-3	Toluene	50	50.7	101	80-120
87-61-6	1,2,3-Trichlorobenzene	50	50.1	100	76-134
120-82-1	1,2,4-Trichlorobenzene	50	50.2	100	79-132
71-55-6	1,1,1-Trichloroethane	50	48.1	96	81-128
79-00-5	1,1,2-Trichloroethane	50	50.6	101	83-118
79-01-6	Trichloroethene	50	50.3	101	80-120
75-69-4	Trichlorofluoromethane	50	50.0	100	64-136
96-18-4	1,2,3-Trichloropropane	50	51.1	102	79-120
95-63-6	1,2,4-Trimethylbenzene	50	52.3	105	84-120
108-67-8	1,3,5-Trimethylbenzene	50	52.7	105	83-119
75-01-4	Vinyl chloride	50	46.8	94	51-135
	m,p-Xylene	100	103	103	80-120
95-47-6	o-Xylene	50	52.7	105	80-120
1330-20-7	Xylene (total)	150	156	104	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	81-124%
2037-26-5	Toluene-D8	105%	80-120%
460-00-4	4-Bromofluorobenzene	108%	80-120%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC84166**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3765-BS	4B89071.D	1	03/14/19	CSF	n/a	n/a	V4B3765

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC84166-1, JC84166-17, JC84166-18, JC84166-19, JC84166-20, JC84166-22, JC84166-24, JC84166-25

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	179	90	42-150
71-43-2	Benzene	50	46.1	92	80-120
108-86-1	Bromobenzene	50	53.6	107	82-118
74-97-5	Bromochloromethane	50	48.3	97	84-121
75-27-4	Bromodichloromethane	50	49.6	99	83-120
75-25-2	Bromoform	50	51.9	104	76-129
74-83-9	Bromomethane	50	39.3	79	57-138
78-93-3	2-Butanone (MEK)	200	198	99	64-137
104-51-8	n-Butylbenzene	50	46.0	92	81-123
135-98-8	sec-Butylbenzene	50	46.2	92	84-121
98-06-6	tert-Butylbenzene	50	47.2	94	83-122
56-23-5	Carbon tetrachloride	50	44.6	89	75-135
108-90-7	Chlorobenzene	50	47.3	95	84-117
75-00-3	Chloroethane	50	39.7	79	63-132
67-66-3	Chloroform	50	46.7	93	80-119
74-87-3	Chloromethane	50	38.5	77	46-136
95-49-8	o-Chlorotoluene	50	50.8	102	84-118
106-43-4	p-Chlorotoluene	50	51.7	103	83-116
96-12-8	1,2-Dibromo-3-chloropropane	50	47.5	95	72-127
124-48-1	Dibromochloromethane	50	50.9	102	80-123
106-93-4	1,2-Dibromoethane	50	54.6	109	84-117
95-50-1	1,2-Dichlorobenzene	50	49.9	100	84-119
541-73-1	1,3-Dichlorobenzene	50	49.9	100	81-117
106-46-7	1,4-Dichlorobenzene	50	50.2	100	82-117
75-71-8	Dichlorodifluoromethane	50	47.6	95	36-149
75-34-3	1,1-Dichloroethane	50	46.4	93	79-120
107-06-2	1,2-Dichloroethane	50	47.1	94	78-126
75-35-4	1,1-Dichloroethene	50	43.2	86	69-126
156-59-2	cis-1,2-Dichloroethene	50	48.1	96	80-120
156-60-5	trans-1,2-Dichloroethene	50	45.6	91	76-120
78-87-5	1,2-Dichloropropane	50	47.0	94	82-121
142-28-9	1,3-Dichloropropane	50	48.2	96	83-115
594-20-7	2,2-Dichloropropane	50	43.6	87	65-133
563-58-6	1,1-Dichloropropene	50	43.2	86	80-121
10061-01-5	cis-1,3-Dichloropropene	50	49.9	100	83-120
10061-02-6	trans-1,3-Dichloropropene	50	51.4	103	82-121

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3765-BS	4B89071.D	1	03/14/19	CSF	n/a	n/a	V4B3765

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-1, JC84166-17, JC84166-18, JC84166-19, JC84166-20, JC84166-22, JC84166-24, JC84166-25

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	47.7	95	80-120
87-68-3	Hexachlorobutadiene	50	40.8	82	75-129
98-82-8	Isopropylbenzene	50	46.4	93	83-120
99-87-6	p-Isopropyltoluene	50	46.7	93	83-122
1634-04-4	Methyl Tert Butyl Ether	50	46.5	93	80-119
108-10-1	4-Methyl-2-pentanone(MIBK)	200	197	99	71-131
74-95-3	Methylene bromide	50	49.0	98	85-120
75-09-2	Methylene chloride	50	46.1	92	77-120
91-20-3	Naphthalene	50	47.3	95	73-131
103-65-1	n-Propylbenzene	50	50.1	100	82-119
100-42-5	Styrene	50	51.2	102	82-122
630-20-6	1,1,1,2-Tetrachloroethane	50	49.6	99	82-121
79-34-5	1,1,2,2-Tetrachloroethane	50	50.3	101	76-119
127-18-4	Tetrachloroethene	50	46.7	93	70-131
108-88-3	Toluene	50	46.7	93	80-120
87-61-6	1,2,3-Trichlorobenzene	50	47.4	95	76-134
120-82-1	1,2,4-Trichlorobenzene	50	47.4	95	79-132
71-55-6	1,1,1-Trichloroethane	50	44.3	89	81-128
79-00-5	1,1,2-Trichloroethane	50	49.9	100	83-118
79-01-6	Trichloroethene	50	46.0	92	80-120
75-69-4	Trichlorofluoromethane	50	42.5	85	64-136
96-18-4	1,2,3-Trichloropropane	50	51.6	103	79-120
95-63-6	1,2,4-Trimethylbenzene	50	49.8	100	84-120
108-67-8	1,3,5-Trimethylbenzene	50	49.0	98	83-119
75-01-4	Vinyl chloride	50	37.5	75	51-135
	m,p-Xylene	100	94.6	95	80-120
95-47-6	o-Xylene	50	49.2	98	80-120
1330-20-7	Xylene (total)	150	144	96	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	104%	81-124%
2037-26-5	Toluene-D8	103%	80-120%
460-00-4	4-Bromofluorobenzene	109%	80-120%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3767-BS	4B89120.D	1	03/15/19	DG	n/a	n/a	V4B3767

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-21, JC84166-23, JC84166-27, JC84166-28, JC84166-29, JC84166-30, JC84166-31, JC84166-32, JC84166-33, JC84166-34, JC84166-35, JC84166-36, JC84166-37, JC84166-38, JC84166-39, JC84166-40, JC84166-41

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	184	92	42-150
71-43-2	Benzene	50	52.2	104	80-120
108-86-1	Bromobenzene	50	58.0	116	82-118
74-97-5	Bromochloromethane	50	52.5	105	84-121
75-27-4	Bromodichloromethane	50	54.1	108	83-120
75-25-2	Bromoform	50	56.0	112	76-129
74-83-9	Bromomethane	50	44.0	88	57-138
78-93-3	2-Butanone (MEK)	200	209	105	64-137
104-51-8	n-Butylbenzene	50	51.5	103	81-123
135-98-8	sec-Butylbenzene	50	52.3	105	84-121
98-06-6	tert-Butylbenzene	50	53.5	107	83-122
56-23-5	Carbon tetrachloride	50	52.9	106	75-135
108-90-7	Chlorobenzene	50	52.3	105	84-117
75-00-3	Chloroethane	50	44.6	89	63-132
67-66-3	Chloroform	50	53.5	107	80-119
74-87-3	Chloromethane	50	43.3	87	46-136
95-49-8	o-Chlorotoluene	50	56.6	113	84-118
106-43-4	p-Chlorotoluene	50	56.5	113	83-116
96-12-8	1,2-Dibromo-3-chloropropane	50	48.9	98	72-127
124-48-1	Dibromochloromethane	50	54.4	109	80-123
106-93-4	1,2-Dibromoethane	50	57.8	116	84-117
95-50-1	1,2-Dichlorobenzene	50	53.2	106	84-119
541-73-1	1,3-Dichlorobenzene	50	54.7	109	81-117
106-46-7	1,4-Dichlorobenzene	50	53.9	108	82-117
75-71-8	Dichlorodifluoromethane	50	51.1	102	36-149
75-34-3	1,1-Dichloroethane	50	52.6	105	79-120
107-06-2	1,2-Dichloroethane	50	51.4	103	78-126
75-35-4	1,1-Dichloroethene	50	48.7	97	69-126
156-59-2	cis-1,2-Dichloroethene	50	53.8	108	80-120
156-60-5	trans-1,2-Dichloroethene	50	52.6	105	76-120
78-87-5	1,2-Dichloropropane	50	51.1	102	82-121
142-28-9	1,3-Dichloropropane	50	51.1	102	83-115
594-20-7	2,2-Dichloropropane	50	49.8	100	65-133
563-58-6	1,1-Dichloropropene	50	51.4	103	80-121
10061-01-5	cis-1,3-Dichloropropene	50	53.0	106	83-120
10061-02-6	trans-1,3-Dichloropropene	50	54.7	109	82-121

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3767-BS	4B89120.D	1	03/15/19	DG	n/a	n/a	V4B3767

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-21, JC84166-23, JC84166-27, JC84166-28, JC84166-29, JC84166-30, JC84166-31, JC84166-32, JC84166-33, JC84166-34, JC84166-35, JC84166-36, JC84166-37, JC84166-38, JC84166-39, JC84166-40, JC84166-41

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	53.7	107	80-120
87-68-3	Hexachlorobutadiene	50	45.9	92	75-129
98-82-8	Isopropylbenzene	50	53.3	107	83-120
99-87-6	p-Isopropyltoluene	50	52.1	104	83-122
1634-04-4	Methyl Tert Butyl Ether	50	48.6	97	80-119
108-10-1	4-Methyl-2-pentanone(MIBK)	200	211	106	71-131
74-95-3	Methylene bromide	50	52.4	105	85-120
75-09-2	Methylene chloride	50	50.0	100	77-120
91-20-3	Naphthalene	50	48.6	97	73-131
103-65-1	n-Propylbenzene	50	56.1	112	82-119
100-42-5	Styrene	50	56.9	114	82-122
630-20-6	1,1,1,2-Tetrachloroethane	50	54.8	110	82-121
79-34-5	1,1,2,2-Tetrachloroethane	50	51.7	103	76-119
127-18-4	Tetrachloroethene	50	53.7	107	70-131
108-88-3	Toluene	50	52.5	105	80-120
87-61-6	1,2,3-Trichlorobenzene	50	49.4	99	76-134
120-82-1	1,2,4-Trichlorobenzene	50	49.4	99	79-132
71-55-6	1,1,1-Trichloroethane	50	51.5	103	81-128
79-00-5	1,1,2-Trichloroethane	50	52.0	104	83-118
79-01-6	Trichloroethene	50	53.1	106	80-120
75-69-4	Trichlorofluoromethane	50	49.7	99	64-136
96-18-4	1,2,3-Trichloropropane	50	54.8	110	79-120
95-63-6	1,2,4-Trimethylbenzene	50	54.8	110	84-120
108-67-8	1,3,5-Trimethylbenzene	50	54.8	110	83-119
75-01-4	Vinyl chloride	50	42.9	86	51-135
	m,p-Xylene	100	108	108	80-120
95-47-6	o-Xylene	50	55.4	111	80-120
1330-20-7	Xylene (total)	150	164	109	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	108%	80-120%
17060-07-0	1,2-Dichloroethane-D4	108%	81-124%
2037-26-5	Toluene-D8	102%	80-120%
460-00-4	4-Bromofluorobenzene	107%	80-120%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC84166**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3768-BS	4B89148.D	1	03/18/19	CSF	n/a	n/a	V4B3768

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC84166-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	158	79	42-150
71-43-2	Benzene	50	49.3	99	80-120
108-86-1	Bromobenzene	50	55.4	111	82-118
74-97-5	Bromochloromethane	50	50.1	100	84-121
75-27-4	Bromodichloromethane	50	52.3	105	83-120
75-25-2	Bromoform	50	54.2	108	76-129
74-83-9	Bromomethane	50	43.4	87	57-138
78-93-3	2-Butanone (MEK)	200	179	90	64-137
104-51-8	n-Butylbenzene	50	48.6	97	81-123
135-98-8	sec-Butylbenzene	50	49.8	100	84-121
98-06-6	tert-Butylbenzene	50	50.8	102	83-122
56-23-5	Carbon tetrachloride	50	51.1	102	75-135
108-90-7	Chlorobenzene	50	50.0	100	84-117
75-00-3	Chloroethane	50	43.1	86	63-132
67-66-3	Chloroform	50	49.9	100	80-119
74-87-3	Chloromethane	50	41.2	82	46-136
95-49-8	o-Chlorotoluene	50	53.7	107	84-118
106-43-4	p-Chlorotoluene	50	53.8	108	83-116
96-12-8	1,2-Dibromo-3-chloropropane	50	45.5	91	72-127
124-48-1	Dibromochloromethane	50	52.0	104	80-123
106-93-4	1,2-Dibromoethane	50	54.9	110	84-117
95-50-1	1,2-Dichlorobenzene	50	51.2	102	84-119
541-73-1	1,3-Dichlorobenzene	50	52.3	105	81-117
106-46-7	1,4-Dichlorobenzene	50	51.6	103	82-117
75-71-8	Dichlorodifluoromethane	50	49.8	100	36-149
75-34-3	1,1-Dichloroethane	50	49.0	98	79-120
107-06-2	1,2-Dichloroethane	50	49.4	99	78-126
75-35-4	1,1-Dichloroethene	50	47.1	94	69-126
156-60-5	trans-1,2-Dichloroethene	50	49.6	99	76-120
78-87-5	1,2-Dichloropropane	50	48.7	97	82-121
142-28-9	1,3-Dichloropropane	50	48.4	97	83-115
594-20-7	2,2-Dichloropropane	50	48.2	96	65-133
563-58-6	1,1-Dichloropropene	50	47.0	94	80-121
10061-01-5	cis-1,3-Dichloropropene	50	51.3	103	83-120
10061-02-6	trans-1,3-Dichloropropene	50	51.8	104	82-121
100-41-4	Ethylbenzene	50	51.2	102	80-120

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC84166

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3768-B5	4B89148.D	1	03/18/19	CSF	n/a	n/a	V4B3768

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
87-68-3	Hexachlorobutadiene	50	44.1	88	75-129
98-82-8	Isopropylbenzene	50	51.6	103	83-120
99-87-6	p-Isopropyltoluene	50	50.3	101	83-122
1634-04-4	Methyl Tert Butyl Ether	50	47.6	95	80-119
108-10-1	4-Methyl-2-pentanone(MIBK)	200	191	96	71-131
74-95-3	Methylene bromide	50	50.3	101	85-120
75-09-2	Methylene chloride	50	48.2	96	77-120
91-20-3	Naphthalene	50	45.3	91	73-131
103-65-1	n-Propylbenzene	50	53.2	106	82-119
100-42-5	Styrene	50	54.4	109	82-122
630-20-6	1,1,1,2-Tetrachloroethane	50	54.4	109	82-121
79-34-5	1,1,2,2-Tetrachloroethane	50	48.8	98	76-119
127-18-4	Tetrachloroethene	50	50.5	101	70-131
108-88-3	Toluene	50	49.0	98	80-120
87-61-6	1,2,3-Trichlorobenzene	50	47.1	94	76-134
120-82-1	1,2,4-Trichlorobenzene	50	48.2	96	79-132
71-55-6	1,1,1-Trichloroethane	50	49.5	99	81-128
79-00-5	1,1,2-Trichloroethane	50	48.8	98	83-118
75-69-4	Trichlorofluoromethane	50	47.7	95	64-136
96-18-4	1,2,3-Trichloropropane	50	51.6	103	79-120
95-63-6	1,2,4-Trimethylbenzene	50	52.7	105	84-120
108-67-8	1,3,5-Trimethylbenzene	50	52.4	105	83-119
75-01-4	Vinyl chloride	50	41.0	82	51-135
	m,p-Xylene	100	102	102	80-120
95-47-6	o-Xylene	50	53.1	106	80-120
1330-20-7	Xylene (total)	150	155	103	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	80-120%
17060-07-0	1,2-Dichloroethane-D4	106%	81-124%
2037-26-5	Toluene-D8	102%	80-120%
460-00-4	4-Bromofluorobenzene	107%	80-120%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC84166**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3770-BS	4B89195.D	1	03/19/19	DG	n/a	n/a	V4B3770

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC84166-23, JC84166-26, JC84166-27, JC84166-34, JC84166-38

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	173	87	42-150
71-43-2	Benzene	50	51.8	104	80-120
108-86-1	Bromobenzene	50	57.0	114	82-118
74-97-5	Bromochloromethane	50	51.1	102	84-121
75-27-4	Bromodichloromethane	50	53.3	107	83-120
75-25-2	Bromoform	50	53.6	107	76-129
74-83-9	Bromomethane	50	46.0	92	57-138
78-93-3	2-Butanone (MEK)	200	189	95	64-137
104-51-8	n-Butylbenzene	50	51.1	102	81-123
135-98-8	sec-Butylbenzene	50	53.5	107	84-121
98-06-6	tert-Butylbenzene	50	54.0	108	83-122
56-23-5	Carbon tetrachloride	50	54.3	109	75-135
108-90-7	Chlorobenzene	50	52.2	104	84-117
75-00-3	Chloroethane	50	47.4	95	63-132
67-66-3	Chloroform	50	52.5	105	80-119
74-87-3	Chloromethane	50	44.4	89	46-136
95-49-8	o-Chlorotoluene	50	56.8	114	84-118
106-43-4	p-Chlorotoluene	50	56.1	112	83-116
96-12-8	1,2-Dibromo-3-chloropropane	50	47.2	94	72-127
124-48-1	Dibromochloromethane	50	53.5	107	80-123
106-93-4	1,2-Dibromoethane	50	56.0	112	84-117
95-50-1	1,2-Dichlorobenzene	50	52.8	106	84-119
541-73-1	1,3-Dichlorobenzene	50	54.0	108	81-117
106-46-7	1,4-Dichlorobenzene	50	53.4	107	82-117
75-71-8	Dichlorodifluoromethane	50	50.4	101	36-149
75-34-3	1,1-Dichloroethane	50	52.4	105	79-120
107-06-2	1,2-Dichloroethane	50	49.9	100	78-126
75-35-4	1,1-Dichloroethene	50	50.2	100	69-126
156-59-2	cis-1,2-Dichloroethene	50	53.3	107	80-120
156-60-5	trans-1,2-Dichloroethene	50	53.0	106	76-120
78-87-5	1,2-Dichloropropane	50	50.2	100	82-121
142-28-9	1,3-Dichloropropane	50	49.3	99	83-115
594-20-7	2,2-Dichloropropane	50	51.7	103	65-133
563-58-6	1,1-Dichloropropene	50	50.5	101	80-121
10061-01-5	cis-1,3-Dichloropropene	50	52.5	105	83-120
10061-02-6	trans-1,3-Dichloropropene	50	52.9	106	82-121

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC84166**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4B3770-BS	4B89195.D	1	03/19/19	DG	n/a	n/a	V4B3770

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC84166-23, JC84166-26, JC84166-27, JC84166-34, JC84166-38

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	54.6	109	80-120
87-68-3	Hexachlorobutadiene	50	46.5	93	75-129
98-82-8	Isopropylbenzene	50	55.1	110	83-120
99-87-6	p-Isopropyltoluene	50	53.0	106	83-122
1634-04-4	Methyl Tert Butyl Ether	50	48.5	97	80-119
108-10-1	4-Methyl-2-pentanone(MIBK)	200	198	99	71-131
74-95-3	Methylene bromide	50	50.6	101	85-120
75-09-2	Methylene chloride	50	49.7	99	77-120
91-20-3	Naphthalene	50	47.7	95	73-131
103-65-1	n-Propylbenzene	50	56.8	114	82-119
100-42-5	Styrene	50	56.4	113	82-122
630-20-6	1,1,1,2-Tetrachloroethane	50	55.9	112	82-121
79-34-5	1,1,2,2-Tetrachloroethane	50	49.9	100	76-119
127-18-4	Tetrachloroethene	50	54.6	109	70-131
108-88-3	Toluene	50	52.4	105	80-120
87-61-6	1,2,3-Trichlorobenzene	50	49.3	99	76-134
120-82-1	1,2,4-Trichlorobenzene	50	49.2	98	79-132
71-55-6	1,1,1-Trichloroethane	50	53.3	107	81-128
79-00-5	1,1,2-Trichloroethane	50	50.2	100	83-118
79-01-6	Trichloroethene	50	53.2	106	80-120
75-69-4	Trichlorofluoromethane	50	52.2	104	64-136
96-18-4	1,2,3-Trichloropropane	50	50.7	101	79-120
95-63-6	1,2,4-Trimethylbenzene	50	55.0	110	84-120
108-67-8	1,3,5-Trimethylbenzene	50	55.4	111	83-119
75-01-4	Vinyl chloride	50	44.8	90	51-135
	m,p-Xylene	100	109	109	80-120
95-47-6	o-Xylene	50	55.9	112	80-120
1330-20-7	Xylene (total)	150	165	110	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	105%	81-124%
2037-26-5	Toluene-D8	102%	80-120%
460-00-4	4-Bromofluorobenzene	107%	80-120%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-19MS	4B89087.D	1	03/14/19	CSF	n/a	n/a	V4B3765
JC84166-19	4B89084.D	1	03/14/19	CSF	n/a	n/a	V4B3765

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-1, JC84166-17, JC84166-18, JC84166-19, JC84166-20, JC84166-22, JC84166-24, JC84166-25

CAS No.	Compound	JC84166-19 ug/l	Spike Q	ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		200	149	75	34-149
71-43-2	Benzene	ND		50	46.8	94	54-136
108-86-1	Bromobenzene	ND		50	52.2	104	78-122
74-97-5	Bromochloromethane	ND		50	46.0	92	79-124
75-27-4	Bromodichloromethane	ND		50	47.7	95	79-124
75-25-2	Bromoform	ND		50	47.1	94	71-130
74-83-9	Bromomethane	ND		50	36.4	73	53-142
78-93-3	2-Butanone (MEK)	ND		200	170	85	54-142
104-51-8	n-Butylbenzene	ND		50	47.5	95	73-133
135-98-8	sec-Butylbenzene	ND		50	47.6	95	76-132
98-06-6	tert-Butylbenzene	ND		50	48.6	97	76-131
56-23-5	Carbon tetrachloride	ND		50	48.3	97	70-143
108-90-7	Chlorobenzene	ND		50	47.3	95	78-123
75-00-3	Chloroethane	ND		50	39.2	78	57-141
67-66-3	Chloroform	ND		50	47.1	94	76-123
74-87-3	Chloromethane	ND		50	35.2	70	43-141
95-49-8	o-Chlorotoluene	ND		50	51.6	103	78-124
106-43-4	p-Chlorotoluene	ND		50	51.4	103	77-122
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	41.6	83	66-130
124-48-1	Dibromochloromethane	ND		50	47.3	95	76-125
106-93-4	1,2-Dibromoethane	ND		50	50.5	101	78-119
95-50-1	1,2-Dichlorobenzene	ND		50	47.6	95	77-123
541-73-1	1,3-Dichlorobenzene	ND		50	49.2	98	76-122
106-46-7	1,4-Dichlorobenzene	ND		50	48.7	97	76-122
75-71-8	Dichlorodifluoromethane	ND		50	49.0	98	31-159
75-34-3	1,1-Dichloroethane	ND		50	46.5	93	73-126
107-06-2	1,2-Dichloroethane	ND		50	44.2	88	72-131
75-35-4	1,1-Dichloroethene	ND		50	45.2	90	63-136
156-59-2	cis-1,2-Dichloroethene	0.90	J	50	49.0	96	60-136
156-60-5	trans-1,2-Dichloroethene	0.79	J	50	48.3	95	70-126
78-87-5	1,2-Dichloropropane	ND		50	46.5	93	78-124
142-28-9	1,3-Dichloropropane	ND		50	45.5	91	78-118
594-20-7	2,2-Dichloropropane	ND		50	46.5	93	59-141
563-58-6	1,1-Dichloropropene	ND		50	46.4	93	75-130
10061-01-5	cis-1,3-Dichloropropene	ND		50	47.7	95	79-123
10061-02-6	trans-1,3-Dichloropropene	ND		50	47.5	95	77-123

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-19MS	4B89087.D	1	03/14/19	CSF	n/a	n/a	V4B3765
JC84166-19	4B89084.D	1	03/14/19	CSF	n/a	n/a	V4B3765

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-1, JC84166-17, JC84166-18, JC84166-19, JC84166-20, JC84166-22, JC84166-24, JC84166-25

CAS No.	Compound	JC84166-19 ug/l	Spike Q	MS ug/l	MS %	Limits
100-41-4	Ethylbenzene	ND	50	49.0	98	51-140
87-68-3	Hexachlorobutadiene	ND	50	42.3	85	64-141
98-82-8	Isopropylbenzene	ND	50	49.5	99	75-129
99-87-6	p-Isopropyltoluene	ND	50	47.6	95	76-131
1634-04-4	Methyl Tert Butyl Ether	ND	50	41.9	84	72-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	200	180	90	66-136
74-95-3	Methylene bromide	ND	50	45.5	91	81-121
75-09-2	Methylene chloride	ND	50	43.8	88	73-125
91-20-3	Naphthalene	ND	50	40.9	82	62-141
103-65-1	n-Propylbenzene	ND	50	52.3	105	68-133
100-42-5	Styrene	ND	50	50.2	100	75-129
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	49.0	98	77-124
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	45.6	91	71-122
127-18-4	Tetrachloroethene	ND	50	50.3	101	61-139
108-88-3	Toluene	ND	50	47.2	94	60-135
87-61-6	1,2,3-Trichlorobenzene	ND	50	42.3	85	70-138
120-82-1	1,2,4-Trichlorobenzene	ND	50	43.3	87	72-137
71-55-6	1,1,1-Trichloroethane	ND	50	46.7	93	74-138
79-00-5	1,1,2-Trichloroethane	ND	50	46.0	92	78-121
79-01-6	Trichloroethene	12.6	50	61.9	99	62-141
75-69-4	Trichlorofluoromethane	ND	50	46.1	92	57-149
96-18-4	1,2,3-Trichloropropane	ND	50	47.3	95	74-122
95-63-6	1,2,4-Trimethylbenzene	ND	50	49.2	98	54-143
108-67-8	1,3,5-Trimethylbenzene	ND	50	49.5	99	67-133
75-01-4	Vinyl chloride	ND	50	37.2	74	43-146
	m,p-Xylene	ND	100	99.5	100	50-144
95-47-6	o-Xylene	ND	50	50.0	100	63-134
1330-20-7	Xylene (total)	ND	150	149	99	56-139

CAS No.	Surrogate Recoveries	MS	JC84166-19	Limits
1868-53-7	Dibromofluoromethane	107%	110%	80-120%
17060-07-0	1,2-Dichloroethane-D4	104%	108%	81-124%
2037-26-5	Toluene-D8	102%	100%	80-120%
460-00-4	4-Bromofluorobenzene	108%	108%	80-120%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-28MS	4B89132.D	1	03/15/19	DG	n/a	n/a	V4B3767
JC84166-28	4B89123.D	1	03/15/19	DG	n/a	n/a	V4B3767

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-21, JC84166-23, JC84166-27, JC84166-28, JC84166-29, JC84166-30, JC84166-31, JC84166-32, JC84166-33, JC84166-34, JC84166-35, JC84166-36, JC84166-37, JC84166-38, JC84166-39, JC84166-40, JC84166-41

CAS No.	Compound	JC84166-28 ug/l	Spike Q	MS ug/l	MS %	Limits
67-64-1	Acetone	ND	200	153	77	34-149
71-43-2	Benzene	ND	50	43.3	87	54-136
108-86-1	Bromobenzene	ND	50	48.3	97	78-122
74-97-5	Bromochloromethane	ND	50	43.7	87	79-124
75-27-4	Bromodichloromethane	ND	50	46.2	92	79-124
75-25-2	Bromoform	ND	50	46.9	94	71-130
74-83-9	Bromomethane	ND	50	41.5	83	53-142
78-93-3	2-Butanone (MEK)	ND	200	171	86	54-142
104-51-8	n-Butylbenzene	ND	50	43.2	86	73-133
135-98-8	sec-Butylbenzene	ND	50	43.9	88	76-132
98-06-6	tert-Butylbenzene	ND	50	44.2	88	76-131
56-23-5	Carbon tetrachloride	ND	50	46.4	93	70-143
108-90-7	Chlorobenzene	ND	50	43.9	88	78-123
75-00-3	Chloroethane	ND	50	42.5	85	57-141
67-66-3	Chloroform	ND	50	44.7	89	76-123
74-87-3	Chloromethane	ND	50	40.4	81	43-141
95-49-8	o-Chlorotoluene	ND	50	47.5	95	78-124
106-43-4	p-Chlorotoluene	ND	50	47.5	95	77-122
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	42.7	85	66-130
124-48-1	Dibromochloromethane	ND	50	45.2	90	76-125
106-93-4	1,2-Dibromoethane	ND	50	49.6	99	78-119
95-50-1	1,2-Dichlorobenzene	ND	50	44.7	89	77-123
541-73-1	1,3-Dichlorobenzene	ND	50	45.9	92	76-122
106-46-7	1,4-Dichlorobenzene	ND	50	45.5	91	76-122
75-71-8	Dichlorodifluoromethane	ND	50	53.5	107	31-159
75-34-3	1,1-Dichloroethane	ND	50	43.6	87	73-126
107-06-2	1,2-Dichloroethane	ND	50	43.6	87	72-131
75-35-4	1,1-Dichloroethene	ND	50	41.4	83	63-136
156-59-2	cis-1,2-Dichloroethene	ND	50	45.0	90	60-136
156-60-5	trans-1,2-Dichloroethene	ND	50	43.7	87	70-126
78-87-5	1,2-Dichloropropane	ND	50	43.8	88	78-124
142-28-9	1,3-Dichloropropane	ND	50	43.5	87	78-118
594-20-7	2,2-Dichloropropane	ND	50	44.1	88	59-141
563-58-6	1,1-Dichloropropene	ND	50	42.6	85	75-130
10061-01-5	cis-1,3-Dichloropropene	ND	50	44.7	89	79-123
10061-02-6	trans-1,3-Dichloropropene	ND	50	45.0	90	77-123

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-28MS	4B89132.D	1	03/15/19	DG	n/a	n/a	V4B3767
JC84166-28	4B89123.D	1	03/15/19	DG	n/a	n/a	V4B3767

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-21, JC84166-23, JC84166-27, JC84166-28, JC84166-29, JC84166-30, JC84166-31, JC84166-32, JC84166-33, JC84166-34, JC84166-35, JC84166-36, JC84166-37, JC84166-38, JC84166-39, JC84166-40, JC84166-41

CAS No.	Compound	JC84166-28 ug/l	Spike Q	MS ug/l	MS %	Limits
100-41-4	Ethylbenzene	ND	50	45.4	91	51-140
87-68-3	Hexachlorobutadiene	ND	50	38.7	77	64-141
98-82-8	Isopropylbenzene	ND	50	45.9	92	75-129
99-87-6	p-Isopropyltoluene	ND	50	44.1	88	76-131
1634-04-4	Methyl Tert Butyl Ether	ND	50	40.8	82	72-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	200	186	93	66-136
74-95-3	Methylene bromide	ND	50	45.3	91	81-121
75-09-2	Methylene chloride	ND	50	41.2	82	73-125
91-20-3	Naphthalene	ND	50	40.5	81	62-141
103-65-1	n-Propylbenzene	ND	50	47.2	94	68-133
100-42-5	Styrene	ND	50	45.1	90	75-129
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	47.0	94	77-124
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	45.3	91	71-122
127-18-4	Tetrachloroethene	ND	50	45.6	91	61-139
108-88-3	Toluene	ND	50	42.7	85	60-135
87-61-6	1,2,3-Trichlorobenzene	ND	50	40.5	81	70-138
120-82-1	1,2,4-Trichlorobenzene	ND	50	40.4	81	72-137
71-55-6	1,1,1-Trichloroethane	ND	50	44.5	89	74-138
79-00-5	1,1,2-Trichloroethane	ND	50	44.8	90	78-121
79-01-6	Trichloroethene	6.8	50	52.3	91	62-141
75-69-4	Trichlorofluoromethane	ND	50	49.9	100	57-149
96-18-4	1,2,3-Trichloropropane	ND	50	46.2	92	74-122
95-63-6	1,2,4-Trimethylbenzene	ND	50	44.9	90	54-143
108-67-8	1,3,5-Trimethylbenzene	ND	50	45.0	90	67-133
75-01-4	Vinyl chloride	ND	50	41.4	83	43-146
	m,p-Xylene	ND	100	90.3	90	50-144
95-47-6	o-Xylene	ND	50	46.4	93	63-134
1330-20-7	Xylene (total)	ND	150	137	91	56-139

CAS No.	Surrogate Recoveries	MS	JC84166-28	Limits
1868-53-7	Dibromofluoromethane	109%	113%	80-120%
17060-07-0	1,2-Dichloroethane-D4	109%	112%	81-124%
2037-26-5	Toluene-D8	99%	99%	80-120%
460-00-4	4-Bromofluorobenzene	105%	106%	80-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-5MS	4B89054.D	1	03/13/19	CSF	n/a	n/a	V4B3764
JC84166-5MSD	4B89055.D	1	03/13/19	CSF	n/a	n/a	V4B3764
JC84166-5	4B89053.D	1	03/13/19	CSF	n/a	n/a	V4B3764

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-2, JC84166-3, JC84166-4, JC84166-5, JC84166-6, JC84166-7, JC84166-8, JC84166-9, JC84166-10, JC84166-11, JC84166-12, JC84166-13, JC84166-14, JC84166-15, JC84166-16

CAS No.	Compound	JC84166-5 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	200	172	86	200	168	84	2	34-149/17
71-43-2	Benzene	ND	50	50.7	101	50	49.1	98	3	54-136/10
108-86-1	Bromobenzene	ND	50	56.5	113	50	54.6	109	3	78-122/11
74-97-5	Bromochloromethane	ND	50	50.0	100	50	48.2	96	4	79-124/11
75-27-4	Bromodichloromethane	ND	50	50.2	100	50	48.4	97	4	79-124/11
75-25-2	Bromoform	ND	50	50.3	101	50	49.3	99	2	71-130/11
74-83-9	Bromomethane	ND	50	43.0	86	50	42.2	84	2	53-142/14
78-93-3	2-Butanone (MEK)	ND	200	190	95	200	184	92	3	54-142/15
104-51-8	n-Butylbenzene	ND	50	51.1	102	50	49.8	100	3	73-133/12
135-98-8	sec-Butylbenzene	ND	50	52.4	105	50	50.8	102	3	76-132/12
98-06-6	tert-Butylbenzene	ND	50	53.1	106	50	51.5	103	3	76-131/12
56-23-5	Carbon tetrachloride	ND	50	51.6	103	50	49.1	98	5	70-143/12
108-90-7	Chlorobenzene	ND	50	51.3	103	50	49.6	99	3	78-123/10
75-00-3	Chloroethane	ND	50	45.7	91	50	44.2	88	3	57-141/14
67-66-3	Chloroform	ND	50	50.1	100	50	47.8	96	5	76-123/11
74-87-3	Chloromethane	ND	50	51.2	102	50	41.7	83	20* a	43-141/16
95-49-8	o-Chlorotoluene	ND	50	56.0	112	50	54.8	110	2	78-124/11
106-43-4	p-Chlorotoluene	ND	50	55.7	111	50	53.8	108	3	77-122/11
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	45.7	91	50	46.3	93	1	66-130/13
124-48-1	Dibromochloromethane	ND	50	50.7	101	50	49.5	99	2	76-125/11
106-93-4	1,2-Dibromoethane	ND	50	54.6	109	50	53.3	107	2	78-119/11
95-50-1	1,2-Dichlorobenzene	ND	50	51.0	102	50	50.2	100	2	77-123/11
541-73-1	1,3-Dichlorobenzene	ND	50	52.9	106	50	51.4	103	3	76-122/11
106-46-7	1,4-Dichlorobenzene	ND	50	52.7	105	50	51.0	102	3	76-122/11
75-71-8	Dichlorodifluoromethane	ND	50	55.2	110	50	52.7	105	5	31-159/16
75-34-3	1,1-Dichloroethane	ND	50	51.8	104	50	48.9	98	6	73-126/11
107-06-2	1,2-Dichloroethane	ND	50	47.0	94	50	45.5	91	3	72-131/11
75-35-4	1,1-Dichloroethene	ND	50	50.3	101	50	47.3	95	6	63-136/14
156-59-2	cis-1,2-Dichloroethene	ND	50	53.0	106	50	50.2	100	5	60-136/11
156-60-5	trans-1,2-Dichloroethene	ND	50	52.4	105	50	49.5	99	6	70-126/11
78-87-5	1,2-Dichloropropane	ND	50	49.5	99	50	47.7	95	4	78-124/10
142-28-9	1,3-Dichloropropane	ND	50	49.1	98	50	47.9	96	2	78-118/11
594-20-7	2,2-Dichloropropane	ND	50	48.6	97	50	45.9	92	6	59-141/14
563-58-6	1,1-Dichloropropene	ND	50	50.8	102	50	48.6	97	4	75-130/11
10061-01-5	cis-1,3-Dichloropropene	ND	50	50.4	101	50	49.1	98	3	79-123/11
10061-02-6	trans-1,3-Dichloropropene	ND	50	51.3	103	50	50.0	100	3	77-123/11

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-5MS	4B89054.D	1	03/13/19	CSF	n/a	n/a	V4B3764
JC84166-5MSD	4B89055.D	1	03/13/19	CSF	n/a	n/a	V4B3764
JC84166-5	4B89053.D	1	03/13/19	CSF	n/a	n/a	V4B3764

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-2, JC84166-3, JC84166-4, JC84166-5, JC84166-6, JC84166-7, JC84166-8, JC84166-9, JC84166-10, JC84166-11, JC84166-12, JC84166-13, JC84166-14, JC84166-15, JC84166-16

CAS No.	Compound	JC84166-5 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND	50	53.1	106	50	51.3	103	3	51-140/20
87-68-3	Hexachlorobutadiene	ND	50	44.6	89	50	43.2	86	3	64-141/14
98-82-8	Isopropylbenzene	ND	50	53.3	107	50	51.6	103	3	75-129/11
99-87-6	p-Isopropyltoluene	ND	50	52.0	104	50	50.1	100	4	76-131/12
1634-04-4	Methyl Tert Butyl Ether	ND	50	46.8	94	50	45.8	92	2	72-123/11
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	200	191	96	200	189	95	1	66-136/13
74-95-3	Methylene bromide	ND	50	48.4	97	50	47.9	96	1	81-121/11
75-09-2	Methylene chloride	ND	50	49.0	98	50	47.0	94	4	73-125/13
91-20-3	Naphthalene	ND	50	46.3	93	50	47.6	95	3	62-141/13
103-65-1	n-Propylbenzene	ND	50	55.8	112	50	54.4	109	3	68-133/11
100-42-5	Styrene	ND	50	53.8	108	50	52.9	106	2	75-129/11
630-20-6	1,1,1,2-Tetrachloroethane	ND	50	52.8	106	50	50.5	101	4	77-124/11
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	49.4	99	50	48.2	96	2	71-122/11
127-18-4	Tetrachloroethene	ND	50	54.2	108	50	52.3	105	4	61-139/11
108-88-3	Toluene	ND	50	51.8	104	50	50.0	100	4	60-135/10
87-61-6	1,2,3-Trichlorobenzene	ND	50	46.9	94	50	47.4	95	1	70-138/13
120-82-1	1,2,4-Trichlorobenzene	ND	50	47.9	96	50	47.7	95	0	72-137/13
71-55-6	1,1,1-Trichloroethane	ND	50	49.7	99	50	47.5	95	5	74-138/12
79-00-5	1,1,2-Trichloroethane	ND	50	50.3	101	50	48.3	97	4	78-121/11
79-01-6	Trichloroethene	ND	50	52.0	104	50	50.2	100	4	62-141/10
75-69-4	Trichlorofluoromethane	ND	50	50.5	101	50	48.4	97	4	57-149/14
96-18-4	1,2,3-Trichloropropane	ND	50	50.8	102	50	49.8	100	2	74-122/11
95-63-6	1,2,4-Trimethylbenzene	ND	50	53.2	106	50	51.8	104	3	54-143/10
108-67-8	1,3,5-Trimethylbenzene	ND	50	53.8	108	50	52.2	104	3	67-133/11
75-01-4	Vinyl chloride	ND	50	44.5	89	50	43.4	87	3	43-146/15
	m,p-Xylene	ND	100	106	106	100	103	103	3	50-144/20
95-47-6	o-Xylene	ND	50	53.7	107	50	52.3	105	3	63-134/10
1330-20-7	Xylene (total)	ND	150	159	106	150	155	103	3	56-139/20

CAS No.	Surrogate Recoveries	MS	MSD	JC84166-5	Limits
1868-53-7	Dibromofluoromethane	106%	103%	108%	80-120%
17060-07-0	1,2-Dichloroethane-D4	102%	102%	106%	81-124%
2037-26-5	Toluene-D8	103%	103%	103%	80-120%
460-00-4	4-Bromofluorobenzene	109%	109%	107%	80-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-5MS	4B89054.D	1	03/13/19	CSF	n/a	n/a	V4B3764
JC84166-5MSD	4B89055.D	1	03/13/19	CSF	n/a	n/a	V4B3764
JC84166-5	4B89053.D	1	03/13/19	CSF	n/a	n/a	V4B3764

The QC reported here applies to the following samples: Method: SW846 8260C

JC84166-2, JC84166-3, JC84166-4, JC84166-5, JC84166-6, JC84166-7, JC84166-8, JC84166-9, JC84166-10, JC84166-11, JC84166-12, JC84166-13, JC84166-14, JC84166-15, JC84166-16

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84446-4MS	4B89158.D	10	03/18/19	CSF	n/a	n/a	V4B3768
JC84446-4MSD	4B89159.D	10	03/18/19	CSF	n/a	n/a	V4B3768
JC84446-4 ^a	4B89163.D	10	03/18/19	CSF	n/a	n/a	V4B3768

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-20

CAS No.	Compound	JC84446-4 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD	
67-64-1	Acetone	ND		2000	1610	81	2000	1760	88	9	34-149/17
71-43-2	Benzene	1450		500	1810	72	500	1820	74	1	54-136/10
108-86-1	Bromobenzene	ND		500	519	104	500	569	114	9	78-122/11
74-97-5	Bromochloromethane	ND		500	475	95	500	508	102	7	79-124/11
75-27-4	Bromodichloromethane	ND		500	488	98	500	507	101	4	79-124/11
75-25-2	Bromoform	ND		500	467	93	500	505	101	8	71-130/11
74-83-9	Bromomethane	ND		500	414	83	500	429	86	4	53-142/14
78-93-3	2-Butanone (MEK)	ND		2000	1750	88	2000	1910	96	9	54-142/15
104-51-8	n-Butylbenzene	ND		500	456	91	500	487	97	7	73-133/12
135-98-8	sec-Butylbenzene	ND		500	472	94	500	507	101	7	76-132/12
98-06-6	tert-Butylbenzene	ND		500	484	97	500	519	104	7	76-131/12
56-23-5	Carbon tetrachloride	ND		500	487	97	500	504	101	3	70-143/12
108-90-7	Chlorobenzene	ND		500	468	94	500	506	101	8	78-123/10
75-00-3	Chloroethane	ND		500	417	83	500	443	89	6	57-141/14
67-66-3	Chloroform	ND		500	482	96	500	503	101	4	76-123/11
74-87-3	Chloromethane	ND		500	395	79	500	425	85	7	43-141/16
95-49-8	o-Chlorotoluene	ND		500	512	102	500	564	113	10	78-124/11
106-43-4	p-Chlorotoluene	ND		500	505	101	500	552	110	9	77-122/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	456	91	500	498	100	9	66-130/13
124-48-1	Dibromochloromethane	ND		500	470	94	500	512	102	9	76-125/11
106-93-4	1,2-Dibromoethane	ND		500	525	105	500	572	114	9	78-119/11
95-50-1	1,2-Dichlorobenzene	ND		500	483	97	500	521	104	8	77-123/11
541-73-1	1,3-Dichlorobenzene	ND		500	489	98	500	528	106	8	76-122/11
106-46-7	1,4-Dichlorobenzene	ND		500	488	98	500	524	105	7	76-122/11
75-71-8	Dichlorodifluoromethane	ND		500	532	106	500	543	109	2	31-159/16
75-34-3	1,1-Dichloroethane	ND		500	475	95	500	504	101	6	73-126/11
107-06-2	1,2-Dichloroethane	ND		500	496	99	500	514	103	4	72-131/11
75-35-4	1,1-Dichloroethene	ND		500	449	90	500	478	96	6	63-136/14
156-60-5	trans-1,2-Dichloroethene	ND		500	475	95	500	503	101	6	70-126/11
78-87-5	1,2-Dichloropropane	ND		500	465	93	500	489	98	5	78-124/10
142-28-9	1,3-Dichloropropane	ND		500	462	92	500	493	99	6	78-118/11
594-20-7	2,2-Dichloropropane	ND		500	462	92	500	473	95	2	59-141/14
563-58-6	1,1-Dichloropropene	ND		500	459	92	500	475	95	3	75-130/11
10061-01-5	cis-1,3-Dichloropropene	ND		500	485	97	500	514	103	6	79-123/11
10061-02-6	trans-1,3-Dichloropropene	ND		500	495	99	500	529	106	7	77-123/11
100-41-4	Ethylbenzene	152		500	633	96	500	669	103	6	51-140/20

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84446-4MS	4B89158.D	10	03/18/19	CSF	n/a	n/a	V4B3768
JC84446-4MSD	4B89159.D	10	03/18/19	CSF	n/a	n/a	V4B3768
JC84446-4 ^a	4B89163.D	10	03/18/19	CSF	n/a	n/a	V4B3768

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-20

CAS No.	Compound	JC84446-4 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
87-68-3	Hexachlorobutadiene	ND	500	395	79	500	424	85	7	64-141/14
98-82-8	Isopropylbenzene	22.1	500	511	98	500	542	104	6	75-129/11
99-87-6	p-Isopropyltoluene	ND	500	467	93	500	504	101	8	76-131/12
1634-04-4	Methyl Tert Butyl Ether	428	500	887	92	500	921	99	4	72-123/11
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	2000	1830	92	2000	1970	99	7	66-136/13
74-95-3	Methylene bromide	ND	500	475	95	500	505	101	6	81-121/11
75-09-2	Methylene chloride	ND	500	487	97	500	517	103	6	73-125/13
91-20-3	Naphthalene	24.4	J 500	462	88	500	519	99	12	62-141/13
103-65-1	n-Propylbenzene	77.3	500	590	103	500	631	111	7	68-133/11
100-42-5	Styrene	ND	500	504	101	500	541	108	7	75-129/11
630-20-6	1,1,1,2-Tetrachloroethane	ND	500	506	101	500	539	108	6	77-124/11
79-34-5	1,1,2,2-Tetrachloroethane	ND	500	474	95	500	519	104	9	71-122/11
127-18-4	Tetrachloroethene	ND	500	485	97	500	516	103	6	61-139/11
108-88-3	Toluene	51.7	500	514	92	500	556	101	8	60-135/10
87-61-6	1,2,3-Trichlorobenzene	ND	500	438	88	500	480	96	9	70-138/13
120-82-1	1,2,4-Trichlorobenzene	ND	500	449	90	500	482	96	7	72-137/13
71-55-6	1,1,1-Trichloroethane	ND	500	472	94	500	489	98	4	74-138/12
79-00-5	1,1,2-Trichloroethane	ND	500	473	95	500	508	102	7	78-121/11
75-69-4	Trichlorofluoromethane	ND	500	486	97	500	496	99	2	57-149/14
96-18-4	1,2,3-Trichloropropane	ND	500	490	98	500	531	106	8	74-122/11
95-63-6	1,2,4-Trimethylbenzene	37.1	500	544	101	500	578	108	6	54-143/10
108-67-8	1,3,5-Trimethylbenzene	ND	500	503	101	500	546	109	8	67-133/11
75-01-4	Vinyl chloride	ND	500	401	80	500	425	85	6	43-146/15
	m,p-Xylene	80.0	1000	1050	97	1000	1120	104	6	50-144/20
95-47-6	o-Xylene	20.4	500	526	101	500	558	108	6	63-134/10
1330-20-7	Xylene (total)	100	1500	1570	98	1500	1680	105	7	56-139/20

CAS No.	Surrogate Recoveries	MS	MSD	JC84446-4	Limits
1868-53-7	Dibromofluoromethane	106%	106%	107%	80-120%
17060-07-0	1,2-Dichloroethane-D4	108%	105%	110%	81-124%
2037-26-5	Toluene-D8	101%	103%	104%	80-120%
460-00-4	4-Bromofluorobenzene	105%	108%	105%	80-120%

(a) Diluted due to high concentration of target compound.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-34MS	4B89208.D	5	03/19/19	DG	n/a	n/a	V4B3770
JC84166-34MSD	4B89209.D	5	03/19/19	DG	n/a	n/a	V4B3770
JC84166-34 ^a	4B89205.D	5	03/19/19	DG	n/a	n/a	V4B3770

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-23, JC84166-26, JC84166-27, JC84166-34, JC84166-38

CAS No.	Compound	JC84166-34 ug/l	Spike Q	ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		1000	760	76	1000	763	76	0	34-149/17
71-43-2	Benzene	ND		250	233	93	250	234	94	0	54-136/10
108-86-1	Bromobenzene	ND		250	263	105	250	268	107	2	78-122/11
74-97-5	Bromochloromethane	ND		250	236	94	250	234	94	1	79-124/11
75-27-4	Bromodichloromethane	ND		250	243	97	250	244	98	0	79-124/11
75-25-2	Bromoform	ND		250	221	88	250	232	93	5	71-130/11
74-83-9	Bromomethane	ND		250	207	83	250	212	85	2	53-142/14
78-93-3	2-Butanone (MEK)	ND		1000	813	81	1000	789	79	3	54-142/15
104-51-8	n-Butylbenzene	ND		250	232	93	250	230	92	1	73-133/12
135-98-8	sec-Butylbenzene	ND		250	243	97	250	240	96	1	76-132/12
98-06-6	tert-Butylbenzene	ND		250	248	99	250	245	98	1	76-131/12
56-23-5	Carbon tetrachloride	ND		250	252	101	250	249	100	1	70-143/12
108-90-7	Chlorobenzene	ND		250	243	97	250	240	96	1	78-123/10
75-00-3	Chloroethane	ND		250	216	86	250	220	88	2	57-141/14
67-66-3	Chloroform	ND		250	246	98	250	242	97	2	76-123/11
74-87-3	Chloromethane	ND		250	196	78	250	204	82	4	43-141/16
95-49-8	o-Chlorotoluene	ND		250	265	106	250	263	105	1	78-124/11
106-43-4	p-Chlorotoluene	ND		250	261	104	250	262	105	0	77-122/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	205	82	250	210	84	2	66-130/13
124-48-1	Dibromochloromethane	ND		250	232	93	250	237	95	2	76-125/11
106-93-4	1,2-Dibromoethane	ND		250	254	102	250	253	101	0	78-119/11
95-50-1	1,2-Dichlorobenzene	ND		250	245	98	250	244	98	0	77-123/11
541-73-1	1,3-Dichlorobenzene	ND		250	252	101	250	252	101	0	76-122/11
106-46-7	1,4-Dichlorobenzene	ND		250	250	100	250	250	100	0	76-122/11
75-71-8	Dichlorodifluoromethane	ND		250	267	107	250	273	109	2	31-159/16
75-34-3	1,1-Dichloroethane	ND		250	239	96	250	239	96	0	73-126/11
107-06-2	1,2-Dichloroethane	ND		250	230	92	250	225	90	2	72-131/11
75-35-4	1,1-Dichloroethene	ND		250	233	93	250	234	94	0	63-136/14
156-59-2	cis-1,2-Dichloroethene	1190	E	250	1280	36* ^b	250	1270	32* ^b	1	60-136/11
156-60-5	trans-1,2-Dichloroethene	10.1		250	253	97	250	252	97	0	70-126/11
78-87-5	1,2-Dichloropropane	ND		250	231	92	250	232	93	0	78-124/10
142-28-9	1,3-Dichloropropane	ND		250	228	91	250	225	90	1	78-118/11
594-20-7	2,2-Dichloropropane	ND		250	228	91	250	230	92	1	59-141/14
563-58-6	1,1-Dichloropropene	ND		250	234	94	250	230	92	2	75-130/11
10061-01-5	cis-1,3-Dichloropropene	ND		250	238	95	250	239	96	0	79-123/11
10061-02-6	trans-1,3-Dichloropropene	ND		250	243	97	250	243	97	0	77-123/11

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-34MS	4B89208.D	5	03/19/19	DG	n/a	n/a	V4B3770
JC84166-34MSD	4B89209.D	5	03/19/19	DG	n/a	n/a	V4B3770
JC84166-34 ^a	4B89205.D	5	03/19/19	DG	n/a	n/a	V4B3770

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-23, JC84166-26, JC84166-27, JC84166-34, JC84166-38

CAS No.	Compound	JC84166-34 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND	250	251	100	250	249	100	1	51-140/20
87-68-3	Hexachlorobutadiene	ND	250	208	83	250	207	83	0	64-141/14
98-82-8	Isopropylbenzene	ND	250	251	100	250	248	99	1	75-129/11
99-87-6	p-Isopropyltoluene	ND	250	242	97	250	240	96	1	76-131/12
1634-04-4	Methyl Tert Butyl Ether	ND	250	217	87	250	219	88	1	72-123/11
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	1000	865	87	1000	890	89	3	66-136/13
74-95-3	Methylene bromide	ND	250	232	93	250	228	91	2	81-121/11
75-09-2	Methylene chloride	ND	250	230	92	250	228	91	1	73-125/13
91-20-3	Naphthalene	ND	250	212	85	250	220	88	4	62-141/13
103-65-1	n-Propylbenzene	ND	250	261	104	250	261	104	0	68-133/11
100-42-5	Styrene	ND	250	260	104	250	257	103	1	75-129/11
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	259	104	250	254	102	2	77-124/11
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	230	92	250	230	92	0	71-122/11
127-18-4	Tetrachloroethene	ND	250	250	100	250	245	98	2	61-139/11
108-88-3	Toluene	ND	250	236	94	250	236	94	0	60-135/10
87-61-6	1,2,3-Trichlorobenzene	ND	250	223	89	250	226	90	1	70-138/13
120-82-1	1,2,4-Trichlorobenzene	ND	250	223	89	250	227	91	2	72-137/13
71-55-6	1,1,1-Trichloroethane	ND	250	240	96	250	239	96	0	74-138/12
79-00-5	1,1,2-Trichloroethane	ND	250	233	93	250	227	91	3	78-121/11
79-01-6	Trichloroethene	ND	250	243	97	250	245	98	1	62-141/10
75-69-4	Trichlorofluoromethane	ND	250	256	102	250	254	102	1	57-149/14
96-18-4	1,2,3-Trichloropropane	ND	250	233	93	250	233	93	0	74-122/11
95-63-6	1,2,4-Trimethylbenzene	ND	250	255	102	250	255	102	0	54-143/10
108-67-8	1,3,5-Trimethylbenzene	ND	250	256	102	250	254	102	1	67-133/11
75-01-4	Vinyl chloride	52.6	250	240	75	250	252	80	5	43-146/15
	m,p-Xylene	ND	500	500	100	500	494	99	1	50-144/20
95-47-6	o-Xylene	ND	250	257	103	250	255	102	1	63-134/10
1330-20-7	Xylene (total)	ND	750	757	101	750	749	100	1	56-139/20

CAS No.	Surrogate Recoveries	MS	MSD	JC84166-34	Limits
1868-53-7	Dibromofluoromethane	109%	107%	110%	80-120%
17060-07-0	1,2-Dichloroethane-D4	105%	102%	110%	81-124%
2037-26-5	Toluene-D8	103%	101%	102%	80-120%
460-00-4	4-Bromofluorobenzene	106%	107%	107%	80-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 3 of 3

Job Number: JC84166

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-34MS	4B89208.D	5	03/19/19	DG	n/a	n/a	V4B3770
JC84166-34MSD	4B89209.D	5	03/19/19	DG	n/a	n/a	V4B3770
JC84166-34 ^a	4B89205.D	5	03/19/19	DG	n/a	n/a	V4B3770

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-23, JC84166-26, JC84166-27, JC84166-34, JC84166-38

- (a) Diluted due to high concentration of target compound.
- (b) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JC84166**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-18DUP	4B89089.D	1	03/14/19	CSF	n/a	n/a	V4B3765
JC84166-18	4B89083.D	1	03/14/19	CSF	n/a	n/a	V4B3765

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC84166-1, JC84166-17, JC84166-18, JC84166-19, JC84166-20, JC84166-22, JC84166-24, JC84166-25

CAS No.	Compound	JC84166-18 DUP		Q	RPD	Limits
		ug/l	Q ug/l			
67-64-1	Acetone	ND	ND		nc	20
71-43-2	Benzene	ND	ND		nc	20
108-86-1	Bromobenzene	ND	ND		nc	20
74-97-5	Bromochloromethane	ND	ND		nc	20
75-27-4	Bromodichloromethane	ND	ND		nc	20
75-25-2	Bromoform	ND	ND		nc	20
74-83-9	Bromomethane	ND	ND		nc	20
78-93-3	2-Butanone (MEK)	ND	ND		nc	20
104-51-8	n-Butylbenzene	ND	ND		nc	20
135-98-8	sec-Butylbenzene	ND	ND		nc	20
98-06-6	tert-Butylbenzene	ND	ND		nc	20
56-23-5	Carbon tetrachloride	ND	ND		nc	20
108-90-7	Chlorobenzene	ND	ND		nc	20
75-00-3	Chloroethane	ND	ND		nc	20
67-66-3	Chloroform	ND	ND		nc	20
74-87-3	Chloromethane	ND	ND		nc	20
95-49-8	o-Chlorotoluene	ND	ND		nc	20
106-43-4	p-Chlorotoluene	ND	ND		nc	20
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND		nc	20
124-48-1	Dibromochloromethane	ND	ND		nc	20
106-93-4	1,2-Dibromoethane	ND	ND		nc	20
95-50-1	1,2-Dichlorobenzene	ND	ND		nc	20
541-73-1	1,3-Dichlorobenzene	ND	ND		nc	20
106-46-7	1,4-Dichlorobenzene	ND	ND		nc	20
75-71-8	Dichlorodifluoromethane	ND	ND		nc	20
75-34-3	1,1-Dichloroethane	ND	ND		nc	20
107-06-2	1,2-Dichloroethane	ND	ND		nc	20
75-35-4	1,1-Dichloroethene	ND	ND		nc	20
156-59-2	cis-1,2-Dichloroethene	ND	ND		nc	20
156-60-5	trans-1,2-Dichloroethene	ND	ND		nc	20
78-87-5	1,2-Dichloropropane	ND	ND		nc	20
142-28-9	1,3-Dichloropropane	ND	ND		nc	20
594-20-7	2,2-Dichloropropane	ND	ND		nc	20
563-58-6	1,1-Dichloropropene	ND	ND		nc	20
10061-01-5	cis-1,3-Dichloropropene	ND	ND		nc	20
10061-02-6	trans-1,3-Dichloropropene	ND	ND		nc	20

* = Outside of Control Limits.

Duplicate Summary

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-18DUP	4B89089.D	1	03/14/19	CSF	n/a	n/a	V4B3765
JC84166-18	4B89083.D	1	03/14/19	CSF	n/a	n/a	V4B3765

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-1, JC84166-17, JC84166-18, JC84166-19, JC84166-20, JC84166-22, JC84166-24, JC84166-25

CAS No.	Compound	JC84166-18 ug/l	DUP Q ug/l	Q RPD	Limits
100-41-4	Ethylbenzene	ND	ND	nc	20
87-68-3	Hexachlorobutadiene	ND	ND	nc	20
98-82-8	Isopropylbenzene	ND	ND	nc	20
99-87-6	p-Isopropyltoluene	ND	ND	nc	20
1634-04-4	Methyl Tert Butyl Ether	ND	ND	nc	20
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND	nc	20
74-95-3	Methylene bromide	ND	ND	nc	20
75-09-2	Methylene chloride	ND	ND	nc	20
91-20-3	Naphthalene	ND	ND	nc	20
103-65-1	n-Propylbenzene	ND	ND	nc	20
100-42-5	Styrene	ND	ND	nc	20
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND	nc	20
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND	nc	20
127-18-4	Tetrachloroethene	ND	ND	nc	20
108-88-3	Toluene	ND	ND	nc	20
87-61-6	1,2,3-Trichlorobenzene	ND	ND	nc	20
120-82-1	1,2,4-Trichlorobenzene	ND	ND	nc	20
71-55-6	1,1,1-Trichloroethane	ND	ND	nc	20
79-00-5	1,1,2-Trichloroethane	ND	ND	nc	20
79-01-6	Trichloroethene	ND	ND	nc	20
75-69-4	Trichlorofluoromethane	ND	ND	nc	20
96-18-4	1,2,3-Trichloropropane	ND	ND	nc	20
95-63-6	1,2,4-Trimethylbenzene	ND	ND	nc	20
108-67-8	1,3,5-Trimethylbenzene	ND	ND	nc	20
75-01-4	Vinyl chloride	ND	ND	nc	20
	m,p-Xylene	ND	ND	nc	20
95-47-6	o-Xylene	ND	ND	nc	20
1330-20-7	Xylene (total)	ND	ND	nc	20

CAS No.	Surrogate Recoveries	DUP	JC84166-18	Limits
1868-53-7	Dibromofluoromethane	109%	109%	80-120%
17060-07-0	1,2-Dichloroethane-D4	109%	107%	81-124%
2037-26-5	Toluene-D8	100%	99%	80-120%
460-00-4	4-Bromofluorobenzene	107%	108%	80-120%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-29DUP	4B89134.D	1	03/15/19	DG	n/a	n/a	V4B3767
JC84166-29	4B89124.D	1	03/15/19	DG	n/a	n/a	V4B3767

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-21, JC84166-23, JC84166-27, JC84166-28, JC84166-29, JC84166-30, JC84166-31, JC84166-32, JC84166-33, JC84166-34, JC84166-35, JC84166-36, JC84166-37, JC84166-38, JC84166-39, JC84166-40, JC84166-41

CAS No.	Compound	JC84166-29 DUP		Q	RPD	Limits
		ug/l	Q ug/l			
67-64-1	Acetone	ND	ND	nc		20
71-43-2	Benzene	ND	ND	nc		20
108-86-1	Bromobenzene	ND	ND	nc		20
74-97-5	Bromochloromethane	ND	ND	nc		20
75-27-4	Bromodichloromethane	ND	ND	nc		20
75-25-2	Bromoform	ND	ND	nc		20
74-83-9	Bromomethane	ND	ND	nc		20
78-93-3	2-Butanone (MEK)	ND	ND	nc		20
104-51-8	n-Butylbenzene	ND	ND	nc		20
135-98-8	sec-Butylbenzene	ND	ND	nc		20
98-06-6	tert-Butylbenzene	ND	ND	nc		20
56-23-5	Carbon tetrachloride	ND	ND	nc		20
108-90-7	Chlorobenzene	ND	ND	nc		20
75-00-3	Chloroethane	ND	ND	nc		20
67-66-3	Chloroform	ND	ND	nc		20
74-87-3	Chloromethane	ND	ND	nc		20
95-49-8	o-Chlorotoluene	ND	ND	nc		20
106-43-4	p-Chlorotoluene	ND	ND	nc		20
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND	nc		20
124-48-1	Dibromochloromethane	ND	ND	nc		20
106-93-4	1,2-Dibromoethane	ND	ND	nc		20
95-50-1	1,2-Dichlorobenzene	ND	ND	nc		20
541-73-1	1,3-Dichlorobenzene	ND	ND	nc		20
106-46-7	1,4-Dichlorobenzene	ND	ND	nc		20
75-71-8	Dichlorodifluoromethane	ND	ND	nc		20
75-34-3	1,1-Dichloroethane	ND	ND	nc		20
107-06-2	1,2-Dichloroethane	ND	ND	nc		20
75-35-4	1,1-Dichloroethene	ND	ND	nc		20
156-59-2	cis-1,2-Dichloroethene	2.8	2.8	0		20
156-60-5	trans-1,2-Dichloroethene	ND	ND	nc		20
78-87-5	1,2-Dichloropropane	ND	ND	nc		20
142-28-9	1,3-Dichloropropane	ND	ND	nc		20
594-20-7	2,2-Dichloropropane	ND	ND	nc		20
563-58-6	1,1-Dichloropropene	ND	ND	nc		20
10061-01-5	cis-1,3-Dichloropropene	ND	ND	nc		20
10061-02-6	trans-1,3-Dichloropropene	ND	ND	nc		20

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 2

Job Number: JC84166

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84166-29DUP	4B89134.D	1	03/15/19	DG	n/a	n/a	V4B3767
JC84166-29	4B89124.D	1	03/15/19	DG	n/a	n/a	V4B3767

The QC reported here applies to the following samples:

Method: SW846 8260C

JC84166-21, JC84166-23, JC84166-27, JC84166-28, JC84166-29, JC84166-30, JC84166-31, JC84166-32, JC84166-33, JC84166-34, JC84166-35, JC84166-36, JC84166-37, JC84166-38, JC84166-39, JC84166-40, JC84166-41

CAS No.	Compound	JC84166-29 DUP		Q	RPD	Limits
		ug/l	Q ug/l			
100-41-4	Ethylbenzene	ND	ND		nc	20
87-68-3	Hexachlorobutadiene	ND	ND		nc	20
98-82-8	Isopropylbenzene	ND	ND		nc	20
99-87-6	p-Isopropyltoluene	ND	ND		nc	20
1634-04-4	Methyl Tert Butyl Ether	ND	ND		nc	20
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND		nc	20
74-95-3	Methylene bromide	ND	ND		nc	20
75-09-2	Methylene chloride	ND	ND		nc	20
91-20-3	Naphthalene	ND	ND		nc	20
103-65-1	n-Propylbenzene	ND	ND		nc	20
100-42-5	Styrene	ND	ND		nc	20
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND		nc	20
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND		nc	20
127-18-4	Tetrachloroethene	ND	ND		nc	20
108-88-3	Toluene	ND	ND		nc	20
87-61-6	1,2,3-Trichlorobenzene	ND	ND		nc	20
120-82-1	1,2,4-Trichlorobenzene	ND	ND		nc	20
71-55-6	1,1,1-Trichloroethane	ND	ND		nc	20
79-00-5	1,1,2-Trichloroethane	ND	ND		nc	20
79-01-6	Trichloroethene	ND	ND		nc	20
75-69-4	Trichlorofluoromethane	ND	ND		nc	20
96-18-4	1,2,3-Trichloropropane	ND	ND		nc	20
95-63-6	1,2,4-Trimethylbenzene	ND	ND		nc	20
108-67-8	1,3,5-Trimethylbenzene	ND	ND		nc	20
75-01-4	Vinyl chloride	0.96	J 1.0		4	20
	m,p-Xylene	ND	ND		nc	20
95-47-6	o-Xylene	ND	ND		nc	20
1330-20-7	Xylene (total)	ND	ND		nc	20

CAS No.	Surrogate Recoveries	DUP	JC84166-29	Limits
1868-53-7	Dibromofluoromethane	115%	113%	80-120%
17060-07-0	1,2-Dichloroethane-D4	115%	113%	81-124%
2037-26-5	Toluene-D8	100%	99%	80-120%
460-00-4	4-Bromofluorobenzene	108%	106%	80-120%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V4B3694-BFB
Lab File ID: 4B87619.D
Instrument ID: GCMS4B
Injection Date: 01/10/19
Injection Time: 17:40

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	41493	19.0	Pass
75	30.0 - 60.0% of mass 95	104826	48.0	Pass
95	Base peak, 100% relative abundance	218538	100.0	Pass
96	5.0 - 9.0% of mass 95	14652	6.70	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	213482	97.7	Pass
175	5.0 - 9.0% of mass 174	16627	7.61 (7.79) ^a	Pass
176	95.0 - 101.0% of mass 174	207786	95.1 (97.3) ^a	Pass
177	5.0 - 9.0% of mass 176	14164	6.48 (6.82) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B3694-IC3694	4B87621.D	01/10/19	18:54	01:14	Initial cal 0.5
V4B3694-IC3694	4B87622.D	01/10/19	19:23	01:43	Initial cal 1
V4B3694-IC3694	4B87623.D	01/10/19	19:50	02:10	Initial cal 2
V4B3694-IC3694	4B87624.D	01/10/19	20:19	02:39	Initial cal 4
V4B3694-IC3694	4B87625.D	01/10/19	20:47	03:07	Initial cal 8
V4B3694-IC3694	4B87626.D	01/10/19	21:15	03:35	Initial cal 20
V4B3694-ICC3694	4B87627.D	01/10/19	21:43	04:03	Initial cal 50
V4B3694-IC3694	4B87628.D	01/10/19	22:11	04:31	Initial cal 100
V4B3694-IC3694	4B87629.D	01/10/19	22:40	05:00	Initial cal 200
V4B3694-ICV3694	4B87632.D	01/11/19	00:05	06:25	Initial cal verification 50
V4B3694-ICV3694	4B87633.D	01/11/19	00:33	06:53	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V4B3764-BFB
Lab File ID: 4B89045.D
Instrument ID: GCMS4B
Injection Date: 03/13/19
Injection Time: 18:54

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	18363	18.5	Pass
75	30.0 - 60.0% of mass 95	46837	47.2	Pass
95	Base peak, 100% relative abundance	99227	100.0	Pass
96	5.0 - 9.0% of mass 95	6678	6.73	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	97141	97.9	Pass
175	5.0 - 9.0% of mass 174	7997	8.06 (8.23) ^a	Pass
176	95.0 - 101.0% of mass 174	95773	96.5 (98.6) ^a	Pass
177	5.0 - 9.0% of mass 176	6359	6.41 (6.64) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B3764-CC3694	4B89045.D	03/13/19	18:54	00:00	Continuing cal 50
V4B3764-BS	4B89046.D	03/13/19	19:23	00:29	Blank Spike
V4B3764-MB	4B89048.D	03/13/19	20:18	01:24	Method Blank
JC84166-2	4B89050.D	03/13/19	21:14	02:20	MW-16S(030519)
JC84166-3	4B89051.D	03/13/19	21:41	02:47	MW-16I(030519)
JC84166-4	4B89052.D	03/13/19	22:09	03:15	MW-16D(030519)
JC84166-5	4B89053.D	03/13/19	22:37	03:43	MW-19S(030519)
JC84166-5MS	4B89054.D	03/13/19	23:05	04:11	Matrix Spike
JC84166-5MSD	4B89055.D	03/13/19	23:33	04:39	Matrix Spike Duplicate
JC84166-6	4B89057.D	03/14/19	00:28	05:34	MW-19D(030519)
JC84166-7	4B89058.D	03/14/19	00:56	06:02	MW-19I(030519)
JC84166-8	4B89059.D	03/14/19	01:24	06:30	MW-20S(030519)
JC84166-9	4B89060.D	03/14/19	01:52	06:58	MW-20I(030519)
JC84166-10	4B89061.D	03/14/19	02:20	07:26	MW-20D(030519)
JC84166-11	4B89062.D	03/14/19	02:48	07:54	MW-21S(030519)
JC84166-12	4B89063.D	03/14/19	03:16	08:22	MW-21D(030519)
JC84166-13	4B89064.D	03/14/19	03:44	08:50	MW-21I(030519)
JC84166-14	4B89065.D	03/14/19	04:12	09:18	MW-17S(030619)
JC84166-15	4B89066.D	03/14/19	04:40	09:46	MW-17I(030619)
JC84166-16	4B89067.D	03/14/19	05:08	10:14	MW-17D(030619)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V4B3765-BFB
Lab File ID: 4B89069.D
Instrument ID: GCMS4B
Injection Date: 03/14/19
Injection Time: 07:25

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	17069	18.9	Pass
75	30.0 - 60.0% of mass 95	43461	48.1	Pass
95	Base peak, 100% relative abundance	90389	100.0	Pass
96	5.0 - 9.0% of mass 95	6216	6.88	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	87603	96.9	Pass
175	5.0 - 9.0% of mass 174	7105	7.86 (8.11) ^a	Pass
176	95.0 - 101.0% of mass 174	84851	93.9 (96.9) ^a	Pass
177	5.0 - 9.0% of mass 176	5756	6.37 (6.78) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B3765-CC3694	4B89069.D	03/14/19	07:25	00:00	Continuing cal 20
V4B3765-BS	4B89071.D	03/14/19	09:04	01:39	Blank Spike
V4B3765-MB	4B89073.D	03/14/19	10:00	02:35	Method Blank
ZZZZZZ	4B89074.D	03/14/19	10:28	03:03	(unrelated sample)
ZZZZZZ	4B89075.D	03/14/19	10:56	03:31	(unrelated sample)
ZZZZZZ	4B89076.D	03/14/19	11:37	04:12	(unrelated sample)
ZZZZZZ	4B89077.D	03/14/19	12:04	04:39	(unrelated sample)
ZZZZZZ	4B89078.D	03/14/19	12:32	05:07	(unrelated sample)
ZZZZZZ	4B89079.D	03/14/19	13:00	05:35	(unrelated sample)
ZZZZZZ	4B89080.D	03/14/19	13:28	06:03	(unrelated sample)
ZZZZZZ	4B89081.D	03/14/19	13:55	06:30	(unrelated sample)
JC84166-17	4B89082.D	03/14/19	14:23	06:58	MW-18S(030619)
JC84166-18	4B89083.D	03/14/19	14:51	07:26	MW-18I(030619)
JC84166-19	4B89084.D	03/14/19	15:19	07:54	MW-11(030619)
JC84166-22	4B89085.D	03/14/19	15:47	08:22	MW-1(030619)
JC84166-20	4B89086.D	03/14/19	16:15	08:50	MW-7(030619)
JC84166-19MS	4B89087.D	03/14/19	16:43	09:18	Matrix Spike
JC84166-18DUP	4B89089.D	03/14/19	17:39	10:14	Duplicate
JC84166-1	4B89090.D	03/14/19	18:07	10:42	TRIP BLANK 1
JC84166-24	4B89091.D	03/14/19	18:35	11:10	MW-3(030619)
JC84166-25	4B89092.D	03/14/19	19:03	11:38	MW-2(030619)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V4B3767-BFB
Lab File ID: 4B89118.D
Instrument ID: GCMS4B
Injection Date: 03/15/19
Injection Time: 07:41

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	16279	18.4	Pass
75	30.0 - 60.0% of mass 95	42240	47.8	Pass
95	Base peak, 100% relative abundance	88363	100.0	Pass
96	5.0 - 9.0% of mass 95	5837	6.61	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	92851	105.1	Pass
175	5.0 - 9.0% of mass 174	7597	8.60 (8.18) ^a	Pass
176	95.0 - 101.0% of mass 174	91093	103.1 (98.1) ^a	Pass
177	5.0 - 9.0% of mass 176	5754	6.51 (6.32) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B3767-CC3694	4B89118.D	03/15/19	07:41	00:00	Continuing cal 20
V4B3767-BS	4B89120.D	03/15/19	08:47	01:06	Blank Spike
V4B3767-MB	4B89122.D	03/15/19	10:04	02:23	Method Blank
JC84166-28	4B89123.D	03/15/19	10:34	02:53	MW-14(030719)
JC84166-29	4B89124.D	03/15/19	11:02	03:21	MW-6D(030719)
JC84166-31	4B89125.D	03/15/19	11:30	03:49	MW-8S(030719)
JC84166-32	4B89126.D	03/15/19	11:59	04:18	MW-8D(030719)
JC84166-33	4B89127.D	03/15/19	12:27	04:46	MW-10S(030719)
JC84166-35	4B89128.D	03/15/19	12:55	05:14	MW-9S(030719)
JC84166-36	4B89129.D	03/15/19	13:23	05:42	MW-9D(030719)
JC84166-37	4B89130.D	03/15/19	13:52	06:11	MW-5D(030719)
JC84166-38	4B89131.D	03/15/19	14:20	06:39	MW-5S(030719)
JC84166-28MS	4B89132.D	03/15/19	14:48	07:07	Matrix Spike
JC84166-29DUP	4B89134.D	03/15/19	15:45	08:04	Duplicate
JC84166-41	4B89135.D	03/15/19	16:13	08:32	TRIP BLANK 2
JC84166-39	4B89136.D	03/15/19	16:42	09:01	MW-4(030719)
JC84166-40	4B89137.D	03/15/19	17:11	09:30	DUP-02(030719)
JC84166-21	4B89138.D	03/15/19	17:39	09:58	MW-15(030619)
JC84166-23	4B89139.D	03/15/19	18:07	10:26	DUP-01(030619)
JC84166-27	4B89140.D	03/15/19	18:35	10:54	MW-13(030719)
JC84166-30	4B89141.D	03/15/19	19:04	11:23	MW-6S(030719)
JC84166-34	4B89142.D	03/15/19	19:32	11:51	MW-10D(030719)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V4B3768-BFB
Lab File ID: 4B89146.D
Instrument ID: GCMS4B
Injection Date: 03/18/19
Injection Time: 07:12

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	15372	18.7	Pass
75	30.0 - 60.0% of mass 95	39315	47.8	Pass
95	Base peak, 100% relative abundance	82195	100.0	Pass
96	5.0 - 9.0% of mass 95	5267	6.41	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	87675	106.7	Pass
175	5.0 - 9.0% of mass 174	6867	8.35 (7.83) ^a	Pass
176	95.0 - 101.0% of mass 174	86192	104.9 (98.3) ^a	Pass
177	5.0 - 9.0% of mass 176	5614	6.83 (6.51) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B3768-CC3694	4B89146.D	03/18/19	07:12	00:00	Continuing cal 20
V4B3768-BS	4B89148.D	03/18/19	08:21	01:09	Blank Spike
V4B3768-MB	4B89150.D	03/18/19	09:18	02:06	Method Blank
ZZZZZZ	4B89151.D	03/18/19	09:46	02:34	(unrelated sample)
ZZZZZZ	4B89152.D	03/18/19	10:14	03:02	(unrelated sample)
ZZZZZZ	4B89153.D	03/18/19	10:42	03:30	(unrelated sample)
ZZZZZZ	4B89154.D	03/18/19	11:10	03:58	(unrelated sample)
ZZZZZZ	4B89155.D	03/18/19	11:38	04:26	(unrelated sample)
ZZZZZZ	4B89156.D	03/18/19	12:06	04:54	(unrelated sample)
JC84166-20	4B89157.D	03/18/19	12:34	05:22	MW-7(030619)
JC84446-4MS	4B89158.D	03/18/19	13:02	05:50	Matrix Spike
JC84446-4MSD	4B89159.D	03/18/19	13:30	06:18	Matrix Spike Duplicate
ZZZZZZ	4B89161.D	03/18/19	14:26	07:14	(unrelated sample)
ZZZZZZ	4B89162.D	03/18/19	14:54	07:42	(unrelated sample)
JC84446-4	4B89163.D	03/18/19	15:21	08:09	(used for QC only; not part of job JC84166)
ZZZZZZ	4B89164.D	03/18/19	15:49	08:37	(unrelated sample)
ZZZZZZ	4B89165.D	03/18/19	16:17	09:05	(unrelated sample)
ZZZZZZ	4B89166.D	03/18/19	16:45	09:33	(unrelated sample)
ZZZZZZ	4B89167.D	03/18/19	17:13	10:01	(unrelated sample)
ZZZZZZ	4B89168.D	03/18/19	17:41	10:29	(unrelated sample)
ZZZZZZ	4B89169.D	03/18/19	18:09	10:57	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC84166
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V4B3770-BFB
Lab File ID: 4B89193.D
Instrument ID: GCMS4B
Injection Date: 03/19/19
Injection Time: 07:09

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	15386	19.8	Pass
75	30.0 - 60.0% of mass 95	36949	47.6	Pass
95	Base peak, 100% relative abundance	77600	100.0	Pass
96	5.0 - 9.0% of mass 95	5301	6.83	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	75981	97.9	Pass
175	5.0 - 9.0% of mass 174	6290	8.11 (8.28) ^a	Pass
176	95.0 - 101.0% of mass 174	72928	94.0 (96.0) ^a	Pass
177	5.0 - 9.0% of mass 176	4974	6.41 (6.82) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V4B3770-CC3694	4B89193.D	03/19/19	07:09	00:00	Continuing cal 20
V4B3770-BS	4B89195.D	03/19/19	08:16	01:07	Blank Spike
V4B3770-MB	4B89197.D	03/19/19	09:22	02:13	Method Blank
JC84166-26	4B89198.D	03/19/19	09:50	02:41	MW-12(030719)
ZZZZZZ	4B89199.D	03/19/19	10:19	03:10	(unrelated sample)
ZZZZZZ	4B89200.D	03/19/19	10:47	03:38	(unrelated sample)
ZZZZZZ	4B89201.D	03/19/19	11:15	04:06	(unrelated sample)
JC84166-38	4B89202.D	03/19/19	11:43	04:34	MW-5S(030719)
ZZZZZZ	4B89203.D	03/19/19	12:11	05:02	(unrelated sample)
ZZZZZZ	4B89204.D	03/19/19	12:40	05:31	(unrelated sample)
JC84166-34	4B89205.D	03/19/19	13:07	05:58	MW-10D(030719)
JC84166-23	4B89206.D	03/19/19	13:35	06:26	DUP-01(030619)
JC84166-27	4B89207.D	03/19/19	14:03	06:54	MW-13(030719)
JC84166-34MS	4B89208.D	03/19/19	14:31	07:22	Matrix Spike
JC84166-34MSD	4B89209.D	03/19/19	14:58	07:49	Matrix Spike Duplicate
ZZZZZZ	4B89211.D	03/19/19	15:54	08:45	(unrelated sample)
ZZZZZZ	4B89212.D	03/19/19	16:22	09:13	(unrelated sample)
ZZZZZZ	4B89213.D	03/19/19	16:50	09:41	(unrelated sample)
ZZZZZZ	4B89214.D	03/19/19	17:17	10:08	(unrelated sample)
ZZZZZZ	4B89215.D	03/19/19	17:45	10:36	(unrelated sample)

Surrogate Recovery Summary

Page 1 of 2

Job Number: JC84166

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC84166-1	4B89090.D	109	109	100	108
JC84166-2	4B89050.D	108	104	102	106
JC84166-3	4B89051.D	107	105	103	108
JC84166-4	4B89052.D	106	105	103	108
JC84166-5	4B89053.D	108	106	103	107
JC84166-6	4B89057.D	107	106	102	106
JC84166-7	4B89058.D	108	105	102	106
JC84166-8	4B89059.D	108	107	102	108
JC84166-9	4B89060.D	108	107	101	107
JC84166-10	4B89061.D	109	109	100	106
JC84166-11	4B89062.D	110	109	101	108
JC84166-12	4B89063.D	112	112	103	106
JC84166-13	4B89064.D	110	109	102	106
JC84166-14	4B89065.D	113	109	103	107
JC84166-15	4B89066.D	110	109	102	106
JC84166-16	4B89067.D	112	112	102	105
JC84166-17	4B89082.D	107	106	101	107
JC84166-18	4B89083.D	109	107	99	108
JC84166-19	4B89084.D	110	108	100	108
JC84166-20	4B89157.D	112	115	101	105
JC84166-20	4B89086.D	109	108	102	106
JC84166-21	4B89138.D	112	117	101	105
JC84166-22	4B89085.D	109	107	100	106
JC84166-23	4B89206.D	110	112	99	106
JC84166-23	4B89139.D	112	116	102	107
JC84166-24	4B89091.D	109	109	100	109
JC84166-25	4B89092.D	109	109	101	107
JC84166-26	4B89198.D	113	109	102	107
JC84166-27	4B89207.D	112	112	101	108
JC84166-27	4B89140.D	116	117	101	107
JC84166-28	4B89123.D	113	112	99	106
JC84166-29	4B89124.D	113	113	99	106
JC84166-30	4B89141.D	111	116	100	106
JC84166-31	4B89125.D	111	113	102	105
JC84166-32	4B89126.D	114	115	100	106
JC84166-33	4B89127.D	113	116	100	105
JC84166-34	4B89205.D	110	110	102	107
JC84166-34	4B89142.D	113	117	101	105
JC84166-35	4B89128.D	114	115	100	106
JC84166-36	4B89129.D	115	115	99	107

Surrogate Recovery Summary

Page 2 of 2

Job Number: JC84166

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC84166-37	4B89130.D	116	117	98	107
JC84166-38	4B89202.D	112	110	103	108
JC84166-38	4B89131.D	114	116	99	106
JC84166-39	4B89136.D	111	115	101	106
JC84166-40	4B89137.D	115	118	101	105
JC84166-41	4B89135.D	114	115	100	106
JC84166-18DUP	4B89089.D	109	109	100	107
JC84166-19MS	4B89087.D	107	104	102	108
JC84166-28MS	4B89132.D	109	109	99	105
JC84166-29DUP	4B89134.D	115	115	100	108
JC84166-34MS	4B89208.D	109	105	103	106
JC84166-34MSD	4B89209.D	107	102	101	107
JC84166-5MS	4B89054.D	106	102	103	109
JC84166-5MSD	4B89055.D	103	102	103	109
JC84446-4MS	4B89158.D	106	108	101	105
JC84446-4MSD	4B89159.D	106	105	103	108
V4B3764-BS	4B89046.D	104	100	105	108
V4B3764-MB	4B89048.D	106	103	104	108
V4B3765-BS	4B89071.D	106	104	103	109
V4B3765-MB	4B89073.D	112	111	101	108
V4B3767-BS	4B89120.D	108	108	102	107
V4B3767-MB	4B89122.D	113	113	101	106
V4B3768-BS	4B89148.D	105	106	102	107
V4B3768-MB	4B89150.D	109	110	102	109
V4B3770-BS	4B89195.D	106	105	102	107
V4B3770-MB	4B89197.D	114	112	103	109

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	81-124%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	80-120%

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JC84166
Account: AGMINI - Arcadis
Project: GE, 13th Street, Tell City, IN

QC Batch ID: MP13028
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/12/19

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	14	46		
Antimony	6.0	1.3	4.7		
Arsenic	3.0	1.5	2.8		
Barium	200	.3	13		
Beryllium	1.0	.1	.5		
Bismuth	20	3.3	4		
Boron	100	.8	63		
Cadmium	3.0	.1	1		
Calcium	5000	2.3	99		
Chromium	10	.5	2		
Cobalt	50	.4	2.6		
Copper	10	.8	5.9		
Iron	100	4.4	32	5.6	<100
Lead	3.0	1.1	1.8		
Lithium	50	4.4	7.3		
Magnesium	5000	14	140		
Manganese	15	.1	1.4	0.10	<15
Molybdenum	20	.7	3.6		
Nickel	10	.3	1.7		
Phosphorus	50	2.4	18		
Potassium	10000	140	200		
Selenium	10	1.8	4.9		
Silicon	200	2.2	100		
Silver	10	.5	1.9		
Sodium	10000	34	570		
Strontium	10	.1	1		
Sulfur	50	9.8	45		
Thallium	10	1.3	1.8		
Tin	10	.9	3.7		
Titanium	10	.3	2.5		
Tungsten	50	3.9	40		
Vanadium	50	.3	1.8		
Zinc	20	1.3	6.9		

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JC84166
Account: AGMINI - Arcadis
Project: GE, 13th Street, Tell City, IN

QC Batch ID: MP13028
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/12/19

Metal	RL	IDL	MDL	MB raw	final
-------	----	-----	-----	-----------	-------

Zirconium 10 .2 4.1

Associated samples MP13028: JC84166-15, JC84166-19, JC84166-27, JC84166-15F, JC84166-19F, JC84166-27F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC84166
 Account: AGMINI - Arcadis
 Project: GE, 13th Street, Tell City, IN

QC Batch ID: MP13028
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/12/19

Metal	JC84166-15 Original MS	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	470	26900	25000	105.7 75-125
Lead	anr			
Lithium				
Magnesium	anr			
Manganese	856	2880	2000	101.2 75-125
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC84166
 Account: AGMINI - Arcadis
 Project: GE, 13th Street, Tell City, IN

QC Batch ID: MP13028
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/12/19

Metal	JC84166-15 Original MS	Spikelot MPSPK2	% Rec	QC Limits
-------	---------------------------	--------------------	-------	--------------

Zirconium

Associated samples MP13028: JC84166-15, JC84166-19, JC84166-27, JC84166-15F, JC84166-19F, JC84166-27F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.1.2

6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC84166
 Account: AGMINI - Arcadis
 Project: GE, 13th Street, Tell City, IN

QC Batch ID: MP13028
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/12/19

Metal	JC84166-15 Original	MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Bismuth						
Boron	anr					
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	470	27300	25000	107.3	1.5	20
Lead	anr					
Lithium						
Magnesium	anr					
Manganese	856	2930	2000	103.7	1.7	20
Molybdenum						
Nickel	anr					
Phosphorus						
Potassium	anr					
Selenium	anr					
Silicon						
Silver	anr					
Sodium	anr					
Strontium						
Sulfur						
Thallium	anr					
Tin						
Titanium						
Tungsten						
Vanadium	anr					
Zinc	anr					

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JC84166
 Account: AGMINI - Arcadis
 Project: GE, 13th Street, Tell City, IN

QC Batch ID: MP13028
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/12/19

Metal	JC84166-15 Original MSD	Spikelot MPSPK2	% Rec	MSD RPD	QC Limit
-------	----------------------------	--------------------	-------	------------	-------------

Zirconium

Associated samples MP13028: JC84166-15, JC84166-19, JC84166-27, JC84166-15F, JC84166-19F, JC84166-27F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JC84166
Account: AGMINI - Arcadis
Project: GE, 13th Street, Tell City, IN

QC Batch ID: MP13028
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/12/19

Metal	BSP Result	Spikelot MPSPK2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	26700	25000	106.8	80-120
Lead	anr			
Lithium				
Magnesium	anr			
Manganese	2070	2000	103.5	80-120
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

6.13

Methods: SW846 6010D
Units: ug/l

03/12/19

Zirconium

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JC84166
 Account: AGMINI - Arcadis
 Project: GE, 13th Street, Tell City, IN

QC Batch ID: MP13028
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/12/19

Metal		JC84166-15 Original SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron	anr			
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	470	468	0.3	0-10
Lead	anr			
Lithium				
Magnesium	anr			
Manganese	856	847	1.1	0-10
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	anr			

SERIAL DILUTION RESULTS SUMMARY

Login Number: JC84166
 Account: AGMINI - Arcadis
 Project: GE, 13th Street, Tell City, IN

QC Batch ID: MP13028
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/12/19

Metal	JC84166-15	QC	
	Original SDL 1:5	%DIF	Limits

Zirconium

Associated samples MP13028: JC84166-15, JC84166-19, JC84166-27, JC84166-15F, JC84166-19F, JC84166-27F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.1.4

6

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Arcadis

GE, 13th Street, Tell City, IN

ALL000911.0017

SGS Job Number: JC83566

Sampling Dates: 02/26/19 - 02/27/19

Report to:

Arcadis
150 West Market Suite 728
Indianapolis, IN 46204
Daniel.Petzold@Arcadis.com

ATTN: Daniel Petzold

Total number of pages in report: **101**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read 'Brian McGuire'.

Brian McGuire
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	5
Section 3: Sample Results	8
3.1: JC83566-1: SAP 56 (0)	9
3.2: JC83566-2: SAP 56 (4)	12
3.3: JC83566-3: SAP 56 (8)	15
3.4: JC83566-4: SAP 56 (12)	18
3.5: JC83566-5: SAP 56 (16)	21
3.6: JC83566-6: SAP 57 (0)	24
3.7: JC83566-7: SAP 57 (4)	27
3.8: JC83566-8: SAP 57 (8)	30
3.9: JC83566-9: SAP 57 (12)	33
3.10: JC83566-10: SAP 57 (16)	36
3.11: JC83566-13: SAP 33C (24)	39
3.12: JC83566-14: SAP 33C (15)	42
3.13: JC83566-15: SAP 33C (28)	45
3.14: JC83566-16: SAP 62 (0)	47
3.15: JC83566-17: SAP 62 (4)	49
3.16: JC83566-18: SAP 62 (8)	52
3.17: JC83566-19: SAP 62 (12)	55
3.18: JC83566-20: SAP 62 (16)	58
3.19: JC83566-23: DUP 2	61
Section 4: Misc. Forms	64
4.1: Chain of Custody	65
Section 5: MS Volatiles - QC Data Summaries	69
5.1: Method Blank Summary	70
5.2: Blank Spike Summary	77
5.3: Matrix Spike Summary	82
5.4: Matrix Spike/Matrix Spike Duplicate Summary	87
5.5: Duplicate Summary	88
5.6: Instrument Performance Checks (BFB)	93
5.7: Surrogate Recovery Summaries	100

Sample Summary

Arcadis

Job No: JC83566

GE, 13th Street, Tell City, IN
Project No: ALL000911.0017

Sample Number	Collected			Received	Matrix		Client Sample ID
	Date	Time	By		Code	Type	
JC83566-1	02/26/19	14:30	KA	02/28/19	SO	Soil	SAP 56 (0)
JC83566-2	02/26/19	14:40	KA	02/28/19	SO	Soil	SAP 56 (4)
JC83566-3	02/26/19	14:45	KA	02/28/19	SO	Soil	SAP 56 (8)
JC83566-4	02/26/19	14:50	KA	02/28/19	SO	Soil	SAP 56 (12)
JC83566-5	02/26/19	15:00	KA	02/28/19	SO	Soil	SAP 56 (16)
JC83566-6	02/26/19	15:40	KA	02/28/19	SO	Soil	SAP 57 (0)
JC83566-7	02/26/19	16:05	KA	02/28/19	SO	Soil	SAP 57 (4)
JC83566-8	02/26/19	16:10	KA	02/28/19	SO	Soil	SAP 57 (8)
JC83566-9	02/26/19	16:15	KA	02/28/19	SO	Soil	SAP 57 (12)
JC83566-10	02/26/19	16:25	KA	02/28/19	SO	Soil	SAP 57 (16)
JC83566-13	02/27/19	08:40	KA	02/28/19	SO	Soil	SAP 33C (24)
JC83566-14	02/27/19	08:50	KA	02/28/19	SO	Soil	SAP 33C (15)
JC83566-15	02/27/19	08:55	KA	02/28/19	SO	Soil	SAP 33C (28)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary
(continued)

Arcadis

Job No: JC83566

GE, 13th Street, Tell City, IN
Project No: ALL000911.0017

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JC83566-16	02/27/19	09:20 KA	02/28/19	SO	Soil	SAP 62 (0)
JC83566-17	02/27/19	09:25 KA	02/28/19	SO	Soil	SAP 62 (4)
JC83566-18	02/27/19	09:45 KA	02/28/19	SO	Soil	SAP 62 (8)
JC83566-19	02/27/19	09:50 KA	02/28/19	SO	Soil	SAP 62 (12)
JC83566-20	02/27/19	09:55 KA	02/28/19	SO	Soil	SAP 62 (16)
JC83566-23	02/27/19	00:00 KA	02/28/19	SO	Soil	DUP 2

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JC83566
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/26/19 thru 02/27/19

Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method
---------------	------------------	--------------------	----	-----	-------	--------

JC83566-1 SAP 56 (0)

No hits reported in this sample.

JC83566-2 SAP 56 (4)

Acetone ^a	52.6	13	6.4	ug/kg	SW846 8260C
Vinyl chloride ^a	7.9	2.6	0.60	ug/kg	SW846 8260C

JC83566-3 SAP 56 (8)

Acetone ^a	31.9	10	5.0	ug/kg	SW846 8260C
----------------------	------	----	-----	-------	-------------

JC83566-4 SAP 56 (12)

Acetone ^a	30.7	9.9	4.9	ug/kg	SW846 8260C
Vinyl chloride ^a	0.74 J	2.0	0.46	ug/kg	SW846 8260C

JC83566-5 SAP 56 (16)

Acetone ^a	112	15	7.5	ug/kg	SW846 8260C
Vinyl chloride ^a	7.6	3.0	0.70	ug/kg	SW846 8260C

JC83566-6 SAP 57 (0)

Vinyl chloride ^a	3.9	1.7	0.40	ug/kg	SW846 8260C
-----------------------------	-----	-----	------	-------	-------------

JC83566-7 SAP 57 (4)

Acetone ^a	25.3	11	5.4	ug/kg	SW846 8260C
Vinyl chloride ^a	1.9 J	2.1	0.50	ug/kg	SW846 8260C

JC83566-8 SAP 57 (8)

Acetone ^a	58.8	11	5.7	ug/kg	SW846 8260C
Vinyl chloride ^a	28.9	2.3	0.53	ug/kg	SW846 8260C

JC83566-9 SAP 57 (12)

Acetone ^a	47.5	9.6	4.8	ug/kg	SW846 8260C
Vinyl chloride ^a	3.8	1.9	0.45	ug/kg	SW846 8260C

JC83566-10 SAP 57 (16)

Acetone ^a	14.2	9.7	4.8	ug/kg	SW846 8260C
----------------------	------	-----	-----	-------	-------------

Summary of Hits

Job Number: JC83566
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/26/19 thru 02/27/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

cis-1,2-Dichloroethene ^a		3.0	0.97	0.92	ug/kg	SW846 8260C
Trichloroethene ^a		1.5	0.97	0.74	ug/kg	SW846 8260C
Vinyl chloride ^a		3.8	1.9	0.45	ug/kg	SW846 8260C

JC83566-13 SAP 33C (24)

Acetone		27.8	10	5.0	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		14800	1400	1300	ug/kg	SW846 8260C
trans-1,2-Dichloroethene		5.7	1.0	0.67	ug/kg	SW846 8260C
Vinyl chloride		6730	2700	640	ug/kg	SW846 8260C

JC83566-14 SAP 33C (15)

Acetone		55.9	10	5.0	ug/kg	SW846 8260C
Benzene		4.4	0.50	0.38	ug/kg	SW846 8260C
1,1-Dichloroethene		4.0	1.0	0.66	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		23600	1200	1100	ug/kg	SW846 8260C
trans-1,2-Dichloroethene		32.5	1.0	0.67	ug/kg	SW846 8260C
Ethylbenzene		0.83 J	1.0	0.56	ug/kg	SW846 8260C
Toluene		8.9	1.0	0.38	ug/kg	SW846 8260C
Vinyl chloride		5930	2300	550	ug/kg	SW846 8260C
m,p-Xylene		2.1	1.0	0.75	ug/kg	SW846 8260C
o-Xylene		1.1	1.0	0.59	ug/kg	SW846 8260C
Xylene (total)		3.2	1.0	0.59	ug/kg	SW846 8260C

JC83566-15 SAP 33C (28)

Acetone		15.9	11	5.7	ug/kg	SW846 8260C
Vinyl chloride		4.9	2.3	0.54	ug/kg	SW846 8260C

JC83566-16 SAP 62 (0)

Acetone		21.1	10	5.1	ug/kg	SW846 8260C
Trichloroethene		4.0	1.0	0.78	ug/kg	SW846 8260C
Vinyl chloride		0.63 J	2.0	0.48	ug/kg	SW846 8260C

JC83566-17 SAP 62 (4)

Acetone		29.6	10	5.0	ug/kg	SW846 8260C
Vinyl chloride		7.8	2.0	0.47	ug/kg	SW846 8260C

JC83566-18 SAP 62 (8)

Acetone		35.9	11	5.3	ug/kg	SW846 8260C
Vinyl chloride		4.5	2.1	0.50	ug/kg	SW846 8260C

Summary of Hits

Job Number: JC83566
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/26/19 thru 02/27/19

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

JC83566-19 SAP 62 (12)

Acetone	23.3	9.9	5.0	ug/kg	SW846 8260C
Vinyl chloride	0.82 J	2.0	0.46	ug/kg	SW846 8260C

JC83566-20 SAP 62 (16)

Acetone	28.4	10	5.0	ug/kg	SW846 8260C
---------	------	----	-----	-------	-------------

JC83566-23 DUP 2

Acetone	32.8	12	5.8	ug/kg	SW846 8260C
cis-1,2-Dichloroethene	3570	1100	1100	ug/kg	SW846 8260C
trans-1,2-Dichloroethene	21.7	1.2	0.77	ug/kg	SW846 8260C
Vinyl chloride	4220	2200	520	ug/kg	SW846 8260C

(a) Sample was not frozen within 48 hours storage holding time.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SAP 56 (0)						
Lab Sample ID:	JC83566-1					Date Sampled:	02/26/19
Matrix:	SO - Soil					Date Received:	02/28/19
Method:	SW846 8260C					Percent Solids:	82.4
Project:	GE, 13th Street, Tell City, IN						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150026.D	1	03/04/19 10:37	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	6.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.1	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.1	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.1	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	5.1	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.85	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 56 (0)
Lab Sample ID: JC83566-1
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/26/19
Date Received: 02/28/19
Percent Solids: 82.4

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.1	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.1	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.1	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.32	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.35	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		75-127%
17060-07-0	1,2-Dichloroethane-D4	104%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (0)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-1	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	82.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample was not frozen within 48 hours storage holding time.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (4)	
Lab Sample ID:	JC83566-2	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 77.8
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150027.D	1	03/04/19 11:00	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	52.6	13	6.4	ug/kg	
71-43-2	Benzene	ND	0.64	0.48	ug/kg	
108-86-1	Bromobenzene	ND	6.4	0.51	ug/kg	
74-97-5	Bromochloromethane	ND	6.4	0.55	ug/kg	
75-27-4	Bromodichloromethane	ND	2.6	0.57	ug/kg	
75-25-2	Bromoform	ND	6.4	0.52	ug/kg	
74-83-9	Bromomethane	ND	6.4	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	4.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.6	0.52	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.6	0.47	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.6	0.45	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.6	0.71	ug/kg	
108-90-7	Chlorobenzene	ND	2.6	0.46	ug/kg	
75-00-3	Chloroethane	ND	6.4	0.88	ug/kg	
67-66-3	Chloroform	ND	2.6	0.48	ug/kg	
74-87-3	Chloromethane	ND	6.4	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.6	0.49	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.6	0.72	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	2.6	0.43	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.39	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.4	0.82	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.49	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.60	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.84	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.86	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.6	0.52	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.6	0.47	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (4)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-2	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	77.8
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.6	0.55	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.6	0.70	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.6	0.45	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.6	0.42	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.71	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.4	0.65	ug/kg	
98-82-8	Isopropylbenzene	ND	2.6	0.90	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.6	0.41	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	6.4	2.0	ug/kg	
74-95-3	Methylene bromide	ND	6.4	0.44	ug/kg	
75-09-2	Methylene chloride	ND	6.4	3.2	ug/kg	
91-20-3	Naphthalene	ND	6.4	2.6	ug/kg	
103-65-1	n-Propylbenzene	ND	2.6	0.40	ug/kg	
100-42-5	Styrene	ND	2.6	0.74	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.6	0.73	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.6	0.50	ug/kg	
127-18-4	Tetrachloroethene	ND	2.6	0.59	ug/kg	
108-88-3	Toluene	ND	1.3	0.48	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.4	1.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.4	1.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.6	0.55	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.6	0.44	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.98	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.4	0.88	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.4	0.71	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.82	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.46	ug/kg	
75-01-4	Vinyl chloride	7.9	2.6	0.60	ug/kg	
	m,p-Xylene	ND	1.3	0.96	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.75	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.75	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		75-127%
17060-07-0	1,2-Dichloroethane-D4	109%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	96%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (4)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-2	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	77.8
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample was not frozen within 48 hours storage holding time.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (8)	
Lab Sample ID:	JC83566-3	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 80.5
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150028.D	1	03/04/19 11:23	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	6.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	31.9	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (8)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-3	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	80.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		75-127%
17060-07-0	1,2-Dichloroethane-D4	102%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	96%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (8)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-3	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	80.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample was not frozen within 48 hours storage holding time.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (12)	
Lab Sample ID:	JC83566-4	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 79.3
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150029.D	1	03/04/19 11:46	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	6.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	30.7	9.9	4.9	ug/kg	
71-43-2	Benzene	ND	0.49	0.37	ug/kg	
108-86-1	Bromobenzene	ND	4.9	0.39	ug/kg	
74-97-5	Bromochloromethane	ND	4.9	0.42	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	4.9	0.40	ug/kg	
74-83-9	Bromomethane	ND	4.9	0.98	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.9	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.40	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.36	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.54	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	4.9	0.68	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	4.9	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.37	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.55	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.82	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.99	0.32	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.99	0.30	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.99	0.35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.99	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.9	0.63	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.99	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.99	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.99	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.99	0.94	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.99	0.66	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.40	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.36	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (12)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-4	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	79.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.42	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.53	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	0.99	0.54	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.9	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.69	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.99	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	4.9	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.9	0.33	ug/kg	
75-09-2	Methylene chloride	ND	4.9	2.5	ug/kg	
91-20-3	Naphthalene	ND	4.9	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.57	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.56	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	0.99	0.37	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	0.99	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.99	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.42	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	0.99	0.75	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.9	0.67	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.9	0.55	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.63	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.35	ug/kg	
75-01-4	Vinyl chloride	0.74	2.0	0.46	ug/kg	J
	m,p-Xylene	ND	0.99	0.73	ug/kg	
95-47-6	o-Xylene	ND	0.99	0.57	ug/kg	
1330-20-7	Xylene (total)	ND	0.99	0.57	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		75-127%
17060-07-0	1,2-Dichloroethane-D4	100%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (12)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-4	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	79.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample was not frozen within 48 hours storage holding time.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (16)	
Lab Sample ID:	JC83566-5	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 75.7
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150030.D	1	03/04/19 12:10	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	112	15	7.5	ug/kg	
71-43-2	Benzene	ND	0.75	0.57	ug/kg	
108-86-1	Bromobenzene	ND	7.5	0.60	ug/kg	
74-97-5	Bromochloromethane	ND	7.5	0.65	ug/kg	
75-27-4	Bromodichloromethane	ND	3.0	0.67	ug/kg	
75-25-2	Bromoform	ND	7.5	0.60	ug/kg	
74-83-9	Bromomethane	ND	7.5	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	15	5.6	ug/kg	
104-51-8	n-Butylbenzene	ND	3.0	0.61	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.0	0.55	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.0	0.53	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.0	0.83	ug/kg	
108-90-7	Chlorobenzene	ND	3.0	0.53	ug/kg	
75-00-3	Chloroethane	ND	7.5	1.0	ug/kg	
67-66-3	Chloroform	ND	3.0	0.56	ug/kg	
74-87-3	Chloromethane	ND	7.5	2.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.0	0.57	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.0	0.84	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.3	ug/kg	
124-48-1	Dibromochloromethane	ND	3.0	0.51	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	0.49	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	0.46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	0.54	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	0.52	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.5	0.95	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.58	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.71	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.98	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	1.4	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.0	0.61	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.0	0.55	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (16)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-5	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	75.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	3.0	0.64	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.0	0.82	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.0	0.53	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.0	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.83	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.5	0.76	ug/kg	
98-82-8	Isopropylbenzene	ND	3.0	1.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.0	0.48	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.53	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	7.5	2.3	ug/kg	
74-95-3	Methylene bromide	ND	7.5	0.51	ug/kg	
75-09-2	Methylene chloride	ND	7.5	3.8	ug/kg	
91-20-3	Naphthalene	ND	7.5	3.0	ug/kg	
103-65-1	n-Propylbenzene	ND	3.0	0.47	ug/kg	
100-42-5	Styrene	ND	3.0	0.86	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.0	0.86	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.0	0.59	ug/kg	
127-18-4	Tetrachloroethene	ND	3.0	0.69	ug/kg	
108-88-3	Toluene	ND	1.5	0.56	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.5	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.5	1.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.0	0.64	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.0	0.51	ug/kg	
79-01-6	Trichloroethene	ND	1.5	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.5	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.5	0.83	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.0	0.95	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.0	0.54	ug/kg	
75-01-4	Vinyl chloride	7.6	3.0	0.70	ug/kg	
	m,p-Xylene	ND	1.5	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.5	0.88	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	0.88	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		75-127%
17060-07-0	1,2-Dichloroethane-D4	104%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	96%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 56 (16)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-5	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	75.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample was not frozen within 48 hours storage holding time.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 57 (0)	
Lab Sample ID:	JC83566-6	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 82.3
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150031.D	1	03/04/19 12:33	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	7.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.4	4.2	ug/kg	
71-43-2	Benzene	ND	0.42	0.32	ug/kg	
108-86-1	Bromobenzene	ND	4.2	0.33	ug/kg	
74-97-5	Bromochloromethane	ND	4.2	0.36	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.37	ug/kg	
75-25-2	Bromoform	ND	4.2	0.34	ug/kg	
74-83-9	Bromomethane	ND	4.2	0.84	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.4	3.2	ug/kg	
104-51-8	n-Butylbenzene	ND	1.7	0.34	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.7	0.31	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.7	0.30	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.46	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.30	ug/kg	
75-00-3	Chloroethane	ND	4.2	0.58	ug/kg	
67-66-3	Chloroform	ND	1.7	0.31	ug/kg	
74-87-3	Chloromethane	ND	4.2	1.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.7	0.32	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.7	0.47	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.7	0.71	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.29	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.84	0.27	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.84	0.26	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.84	0.30	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.84	0.29	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.2	0.54	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.84	0.32	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.84	0.40	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.84	0.55	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.84	0.81	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.84	0.56	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.34	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.7	0.31	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 57 (0)
Lab Sample ID: JC83566-6
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/26/19
Date Received: 02/28/19
Percent Solids: 82.3

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.7	0.36	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.7	0.46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.30	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.28	ug/kg	
100-41-4	Ethylbenzene	ND	0.84	0.47	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.2	0.42	ug/kg	
98-82-8	Isopropylbenzene	ND	1.7	0.59	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.7	0.27	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.84	0.30	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	4.2	1.3	ug/kg	
74-95-3	Methylene bromide	ND	4.2	0.29	ug/kg	
75-09-2	Methylene chloride	ND	4.2	2.1	ug/kg	
91-20-3	Naphthalene	ND	4.2	1.7	ug/kg	
103-65-1	n-Propylbenzene	ND	1.7	0.26	ug/kg	
100-42-5	Styrene	ND	1.7	0.49	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.7	0.48	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.33	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.39	ug/kg	
108-88-3	Toluene	ND	0.84	0.32	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.2	0.84	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.2	0.84	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.36	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	0.84	0.64	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.2	0.57	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.2	0.47	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.7	0.54	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.7	0.30	ug/kg	
75-01-4	Vinyl chloride	3.9	1.7	0.40	ug/kg	
	m,p-Xylene	ND	0.84	0.63	ug/kg	
95-47-6	o-Xylene	ND	0.84	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	0.84	0.49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		75-127%
17060-07-0	1,2-Dichloroethane-D4	105%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	100%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 57 (0)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-6	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	82.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample was not frozen within 48 hours storage holding time.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 57 (4)	
Lab Sample ID:	JC83566-7	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 77.7
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150032.D	1	03/04/19 12:56	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	6.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	25.3	11	5.4	ug/kg	
71-43-2	Benzene	ND	0.54	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.4	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.48	ug/kg	
75-25-2	Bromoform	ND	5.4	0.43	ug/kg	
74-83-9	Bromomethane	ND	5.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.74	ug/kg	
67-66-3	Chloroform	ND	2.1	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.90	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.72	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.44	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 57 (4)
Lab Sample ID: JC83566-7
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/26/19
Date Received: 02/28/19
Percent Solids: 77.7

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.75	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.4	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.4	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.62	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.50	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.37	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.82	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.73	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	0.60	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	1.9	2.1	0.50	ug/kg	J
	m,p-Xylene	ND	1.1	0.80	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.63	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.63	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		75-127%
17060-07-0	1,2-Dichloroethane-D4	104%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 57 (4)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-7	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	77.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample was not frozen within 48 hours storage holding time.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 57 (8)	
Lab Sample ID:	JC83566-8	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 77.4
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150033.D	1	03/04/19 13:19	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	5.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	58.8	11	5.7	ug/kg	
71-43-2	Benzene	ND	0.57	0.43	ug/kg	
108-86-1	Bromobenzene	ND	5.7	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.50	ug/kg	
75-25-2	Bromoform	ND	5.7	0.46	ug/kg	
74-83-9	Bromomethane	ND	5.7	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	0.46	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	0.41	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	0.40	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.62	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.40	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.78	ug/kg	
67-66-3	Chloroform	ND	2.3	0.42	ug/kg	
74-87-3	Chloromethane	ND	5.7	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.3	0.43	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.3	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.95	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.38	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.72	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.74	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.76	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.46	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.3	0.42	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 57 (8)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-8	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	77.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.3	0.49	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.3	0.62	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.40	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.37	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.63	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	0.57	ug/kg	
98-82-8	Isopropylbenzene	ND	2.3	0.79	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.3	0.36	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.7	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.7	0.39	ug/kg	
75-09-2	Methylene chloride	ND	5.7	2.8	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.3	0.35	ug/kg	
100-42-5	Styrene	ND	2.3	0.65	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.3	0.65	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.44	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.52	ug/kg	
108-88-3	Toluene	ND	1.1	0.43	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.39	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.86	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.77	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	0.63	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.72	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.40	ug/kg	
75-01-4	Vinyl chloride	28.9	2.3	0.53	ug/kg	
	m,p-Xylene	ND	1.1	0.85	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.66	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.66	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		75-127%
17060-07-0	1,2-Dichloroethane-D4	100%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 57 (8)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-8	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	77.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample was not frozen within 48 hours storage holding time.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound



Report of Analysis

Client Sample ID:	SAP 57 (12)	
Lab Sample ID:	JC83566-9	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 79.3
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150034.D	1	03/04/19 13:43	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	6.6 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	47.5	9.6	4.8	ug/kg	
71-43-2	Benzene	ND	0.48	0.36	ug/kg	
108-86-1	Bromobenzene	ND	4.8	0.38	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.41	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.42	ug/kg	
75-25-2	Bromoform	ND	4.8	0.38	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.95	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.6	3.6	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.39	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.35	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.53	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.34	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.66	ug/kg	
67-66-3	Chloroform	ND	1.9	0.36	ug/kg	
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.54	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.80	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.32	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.96	0.31	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.96	0.29	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.96	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.96	0.33	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.96	0.37	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.96	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.96	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.96	0.91	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.96	0.64	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.39	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.35	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 57 (12)
Lab Sample ID: JC83566-9
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/26/19**Date Received:** 02/28/19**Percent Solids:** 79.3

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.9	0.41	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.52	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	0.96	0.53	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	0.48	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.67	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.31	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.96	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	4.8	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.8	0.32	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.8	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.30	ug/kg	
100-42-5	Styrene	ND	1.9	0.55	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.54	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.37	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.44	ug/kg	
108-88-3	Toluene	ND	0.96	0.36	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	0.96	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.41	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.33	ug/kg	
79-01-6	Trichloroethene	ND	0.96	0.73	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.65	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	0.53	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.61	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.34	ug/kg	
75-01-4	Vinyl chloride	3.8	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.96	0.71	ug/kg	
95-47-6	o-Xylene	ND	0.96	0.56	ug/kg	
1330-20-7	Xylene (total)	ND	0.96	0.56	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		75-127%
17060-07-0	1,2-Dichloroethane-D4	103%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 57 (12)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-9	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	79.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample was not frozen within 48 hours storage holding time.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 57 (16)	
Lab Sample ID:	JC83566-10	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 78.5
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150035.D	1	03/04/19 14:06	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	6.6 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	14.2	9.7	4.8	ug/kg	
71-43-2	Benzene	ND	0.48	0.36	ug/kg	
108-86-1	Bromobenzene	ND	4.8	0.38	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.41	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.43	ug/kg	
75-25-2	Bromoform	ND	4.8	0.39	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.96	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	3.6	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.39	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.35	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.53	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.34	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.66	ug/kg	
67-66-3	Chloroform	ND	1.9	0.36	ug/kg	
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.37	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.54	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.81	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.97	0.31	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.97	0.29	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.97	0.35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.97	0.33	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.97	0.37	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.97	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.97	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	3.0	0.97	0.92	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.97	0.64	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.39	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.35	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 57 (16)
Lab Sample ID: JC83566-10
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/26/19

Date Received: 02/28/19

Percent Solids: 78.5

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.9	0.41	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.52	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	0.97	0.53	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	0.49	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.67	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.31	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.97	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	4.8	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.8	0.33	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.8	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.30	ug/kg	
100-42-5	Styrene	ND	1.9	0.55	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.55	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.45	ug/kg	
108-88-3	Toluene	ND	0.97	0.36	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	0.97	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.97	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.41	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.33	ug/kg	
79-01-6	Trichloroethene	1.5	0.97	0.74	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.66	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	0.54	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.61	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.34	ug/kg	
75-01-4	Vinyl chloride	3.8	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.97	0.72	ug/kg	
95-47-6	o-Xylene	ND	0.97	0.56	ug/kg	
1330-20-7	Xylene (total)	ND	0.97	0.56	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		75-127%
17060-07-0	1,2-Dichloroethane-D4	103%		75-130%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 57 (16)	Date Sampled:	02/26/19
Lab Sample ID:	JC83566-10	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	78.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample was not frozen within 48 hours storage holding time.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 33C (24)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-13	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	80.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150042.D	1	03/04/19 16:49	PS	n/a	n/a	V3C6759
Run #2	D262890.D	1	03/08/19 13:57	TDN	n/a	n/a	VD10602

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.2 g		
Run #2	5.0 g	10.0 ml	10.0 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	27.8	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	14800 ^a	1400	1300	ug/kg	
156-60-5	trans-1,2-Dichloroethene	5.7	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 33C (24)

Lab Sample ID: JC83566-13

Matrix: SO - Soil

Method: SW846 8260C

Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19

Date Received: 02/28/19

Percent Solids: 80.5

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	6730 ^a	2700	640	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	101%	116%	75-130%
2037-26-5	Toluene-D8	98%	100%	80-120%
460-00-4	4-Bromofluorobenzene	102%	103%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 33C (24)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-13	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	80.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Result is from Run# 2
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 33C (15)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-14	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	79.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150043.D	1	03/04/19 17:12	PS	n/a	n/a	V3C6759
Run #2	D262891.D	1	03/08/19 14:26	TDN	n/a	n/a	VD10602

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.2 g		
Run #2	6.0 g	10.0 ml	10.0 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	55.9	10	5.0	ug/kg	
71-43-2	Benzene	4.4	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.0	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	4.0	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	23600 ^a	1200	1100	ug/kg	
156-60-5	trans-1,2-Dichloroethene	32.5	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 33C (15)

Lab Sample ID: JC83566-14

Matrix: SO - Soil

Method: SW846 8260C

Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19

Date Received: 02/28/19

Percent Solids: 79.9

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	0.83	1.0	0.56	ug/kg	J
87-68-3	Hexachlorobutadiene	ND	5.0	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.47	ug/kg	
108-88-3	Toluene	8.9	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.35	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	5930 ^a	2300	550	ug/kg	
	m,p-Xylene	2.1	1.0	0.75	ug/kg	
95-47-6	o-Xylene	1.1	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	3.2	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	100%	116%	75-130%
2037-26-5	Toluene-D8	97%	100%	80-120%
460-00-4	4-Bromofluorobenzene	100%	104%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 33C (15)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-14	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	79.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Result is from Run# 2
- (b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 33C (28)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-15	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	76.8
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162864.D	1	03/05/19 19:06	PS	n/a	n/a	V1C7156
Run #2							

Run #	Initial Weight
Run #1	5.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	15.9	11	5.7	ug/kg	
71-43-2	Benzene	ND	0.57	0.43	ug/kg	
108-86-1	Bromobenzene	ND	5.7	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.51	ug/kg	
75-25-2	Bromoform	ND	5.7	0.46	ug/kg	
74-83-9	Bromomethane	ND	5.7	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.3	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	0.46	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	0.42	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	0.40	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.63	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.40	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.78	ug/kg	
67-66-3	Chloroform	ND	2.3	0.42	ug/kg	
74-87-3	Chloromethane	ND	5.7	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.3	0.43	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.3	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.95	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.39	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.54	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.75	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.76	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.46	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.3	0.42	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 33C (28)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-15	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	76.8
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.3	0.49	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.3	0.62	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.40	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.37	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.63	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	0.57	ug/kg	
98-82-8	Isopropylbenzene	ND	2.3	0.80	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.3	0.37	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.7	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.7	0.39	ug/kg	
75-09-2	Methylene chloride	ND	5.7	2.9	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.3	0.36	ug/kg	
100-42-5	Styrene	ND	2.3	0.66	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.3	0.65	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.45	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.53	ug/kg	
108-88-3	Toluene	ND	1.1	0.43	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.49	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.39	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.87	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.78	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	0.63	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.73	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.41	ug/kg	
75-01-4	Vinyl chloride	4.9	2.3	0.54	ug/kg	
	m,p-Xylene	ND	1.1	0.85	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.67	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.67	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		75-127%
17060-07-0	1,2-Dichloroethane-D4	97%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	96%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (0)	
Lab Sample ID:	JC83566-16	Date Sampled: 02/27/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 86.0
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162863.D	1	03/05/19 18:39	PS	n/a	n/a	V1C7156
Run #2							

Run #	Initial Weight
Run #1	5.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	21.1	10	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.1	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.44	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.1	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.1	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.42	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.70	ug/kg	
67-66-3	Chloroform	ND	2.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	5.1	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.39	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.85	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.37	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.98	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.42	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (0)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-16	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	86.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.44	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.71	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.33	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.1	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.1	0.35	ug/kg	
75-09-2	Methylene chloride	ND	5.1	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.32	ug/kg	
100-42-5	Styrene	ND	2.0	0.59	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.35	ug/kg	
79-01-6	Trichloroethene	4.0	1.0	0.78	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	0.57	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.65	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	0.63	2.0	0.48	ug/kg	J
	m,p-Xylene	ND	1.0	0.76	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		75-127%
17060-07-0	1,2-Dichloroethane-D4	96%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (4)						
Lab Sample ID:	JC83566-17					Date Sampled:	02/27/19
Matrix:	SO - Soil					Date Received:	02/28/19
Method:	SW846 8260C					Percent Solids:	78.9
Project:	GE, 13th Street, Tell City, IN						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150046.D	1	03/04/19 18:22	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	6.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	29.6	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.0	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 62 (4)
Lab Sample ID: JC83566-17
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19
Date Received: 02/28/19
Percent Solids: 78.9

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK ^a)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	7.8	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		75-127%
17060-07-0	1,2-Dichloroethane-D4	100%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	96%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (4)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-17	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	78.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (8)	
Lab Sample ID:	JC83566-18	Date Sampled: 02/27/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 79.3
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150047.D	1	03/04/19 18:46	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	5.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	35.9	11	5.3	ug/kg	
71-43-2	Benzene	ND	0.53	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.3	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.47	ug/kg	
75-25-2	Bromoform	ND	5.3	0.43	ug/kg	
74-83-9	Bromomethane	ND	5.3	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.73	ug/kg	
67-66-3	Chloroform	ND	2.1	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.3	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.71	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 62 (8)
Lab Sample ID: JC83566-18
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19
Date Received: 02/28/19
Percent Solids: 79.3

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.74	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK ^a)	ND	5.3	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.3	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.3	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.3	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.61	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.49	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.37	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.81	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.73	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	0.59	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	4.5	2.1	0.50	ug/kg	
	m,p-Xylene	ND	1.1	0.80	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.62	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.62	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		75-127%
17060-07-0	1,2-Dichloroethane-D4	99%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (8)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-18	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	79.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (12)	
Lab Sample ID:	JC83566-19	Date Sampled: 02/27/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 78.9
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150048.D	1	03/04/19 19:09	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	6.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	23.3	9.9	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.37	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.39	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.99	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.9	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.40	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.36	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.54	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.68	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.83	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.99	0.32	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.99	0.30	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.99	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.99	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.63	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.99	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.99	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.99	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.99	0.95	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.99	0.66	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.40	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.36	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (12)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-19	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	78.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.42	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	0.99	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.69	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.99	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK ^a	ND	5.0	1.5	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.57	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.56	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	0.99	0.37	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.99	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.99	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.42	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	0.99	0.75	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.67	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.55	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.63	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.35	ug/kg	
75-01-4	Vinyl chloride	0.82	2.0	0.46	ug/kg	J
	m,p-Xylene	ND	0.99	0.74	ug/kg	
95-47-6	o-Xylene	ND	0.99	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	0.99	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		75-127%
17060-07-0	1,2-Dichloroethane-D4	101%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (12)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-19	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	78.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (16)	
Lab Sample ID:	JC83566-20	Date Sampled: 02/27/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 80.0
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150049.D	1	03/04/19 19:32	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	6.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	28.4	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.0	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (16)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-20	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	80.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK ^a)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		75-127%
17060-07-0	1,2-Dichloroethane-D4	100%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 62 (16)	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-20	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	80.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP 2		
Lab Sample ID:	JC83566-23	Date Sampled:	02/27/19
Matrix:	SO - Soil	Date Received:	02/28/19
Method:	SW846 8260C	Percent Solids:	78.6
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150050.D	1	03/04/19 19:56	PS	n/a	n/a	V3C6759
Run #2	D262892.D	1	03/08/19 14:55	TDN	n/a	n/a	VD10602

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.5 g		
Run #2	6.6 g	10.0 ml	10.0 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	32.8	12	5.8	ug/kg	
71-43-2	Benzene	ND	0.58	0.44	ug/kg	
108-86-1	Bromobenzene	ND	5.8	0.46	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.51	ug/kg	
75-25-2	Bromoform	ND	5.8	0.47	ug/kg	
74-83-9	Bromomethane	ND	5.8	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	4.3	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	0.47	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	0.42	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	0.41	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.64	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.41	ug/kg	
75-00-3	Chloroethane	ND	5.8	0.79	ug/kg	
67-66-3	Chloroform	ND	2.3	0.43	ug/kg	
74-87-3	Chloromethane	ND	5.8	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.3	0.44	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.3	0.65	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.97	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.39	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.40	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.45	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.54	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.76	ug/kg	
156-59-2	cis-1,2-Dichloroethene	3570 ^a	1100	1100	ug/kg	
156-60-5	trans-1,2-Dichloroethene	21.7	1.2	0.77	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.47	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.3	0.42	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP 2	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-23	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	78.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.3	0.50	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.3	0.63	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.41	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.38	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.64	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.8	0.58	ug/kg	
98-82-8	Isopropylbenzene	ND	2.3	0.81	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.3	0.37	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.41	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.8	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.8	0.39	ug/kg	
75-09-2	Methylene chloride	ND	5.8	2.9	ug/kg	
91-20-3	Naphthalene	ND	5.8	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.3	0.36	ug/kg	
100-42-5	Styrene	ND	2.3	0.67	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.3	0.66	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.45	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.53	ug/kg	
108-88-3	Toluene	ND	1.2	0.43	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	1.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.49	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.40	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.88	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	0.79	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.8	0.64	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.73	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.41	ug/kg	
75-01-4	Vinyl chloride	4220 ^a	2200	520	ug/kg	
	m,p-Xylene	ND	1.2	0.86	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.67	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.67	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%	99%	75-127%
17060-07-0	1,2-Dichloroethane-D4	101%	115%	75-130%
2037-26-5	Toluene-D8	97%	99%	80-120%
460-00-4	4-Bromofluorobenzene	99%	102%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP 2	Date Sampled:	02/27/19
Lab Sample ID:	JC83566-23	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	78.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Result is from Run# 2
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

PAGE 1 OF 2

2215 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.acctest.com

FED-EX Tracking #		Bottle Order Control #	
Accutest Quote #		Accutest Job #	
		JC83566	
Client / Reporting Information			
Company Name Arcadis		Project Name GE Tell City	
Street Address 150 W. Market, Suite 728		Street	
City State Zip Indianapolis, IN 46204		Billing Information (if different from Report to) Company Name	
Project Contact Daniel.Petzold@arcadis.com		Project # ALL00911.0017	
Phone # 317-709-0081		Street Address	
Fax #		City State Zip	
Sample Name(s) K Antell 3177524630		Client Purchase Order #	
Phone #		Attention:	
Project Manager Jon Akin			
Project Information			
Collection		Number of preserved Bottles	
MECH/DI Val #	Date Time	Sampled by	Matrix
			# of bottles
			NOT
			NOH
			NO3
			NO3A
			NONE
			DI Water
			MECH
			ENCORE
Requested Analysis (see TEST CODE sheet)			
VOCs (8260)			
DW - Drinking Water			
GW - Ground Water			
WW - Water			
SW - Surface Water			
SO - Soil			
SL - Sludge			
SED - Sediment			
OI - Oil			
LIQ - Other Liquid			
AIR - Air			
SOL - Other Solid			
WP - Wipe			
FB - Field Blank			
EB - Equipment Blank			
RB - Rinse Blank			
TB - Trip Blank			
Matrix Codes			
LAB USE ONLY			
Data Deliverable Information			
Comments / Special Instructions			
INITIAL ASSESSMENT 3876			
LABEL VERIFICATION			
Blank			
DUP 2			
Turnaround Time (Business days)			
Approved By (Accutest PM): / Date:			
<input checked="" type="checkbox"/> Std. 10 Business Days			
<input type="checkbox"/> 5 Day RUSH			
<input type="checkbox"/> 3 Day EMERGENCY			
<input type="checkbox"/> 2 Day EMERGENCY			
<input type="checkbox"/> 1 Day EMERGENCY			
<input type="checkbox"/> other			
Emergency & Rush T/A data available VIA Lablink			
Commercial "A" (Level 1)			
Commercial "B" (Level 2)			
FULLT1 (Level 3+4)			
NJ Reduced			
Commercial "C"			
Commercial "A" = Results Only			
Commercial "B" = Results + QC Summary			
NJ Reduced = Results + QC Summary + Partial Raw data			
Sample Custody must be documented below each time samples change possession, including courier delivery.			
Relinquished By: [Signature]	Date Time: 2/27/19 1040	Received By: Fed Ex	Date Time: 2/28/19 0915
Relinquished By: [Signature]	Date Time:	Received By: 3	Date Time:
Relinquished By: [Signature]	Date Time:	Received By: 5	Date Time:
Custody Seal #	<input type="checkbox"/> Intact	Preserved where applicable	Cooler Temp. 3.2°C
	<input type="checkbox"/> Not intact		

JC83566: Chain of Custody

Page 2 of 4

SGS Sample Receipt Summary

Job Number: JC83566

Client: ARCADIS

Project: GE

Date / Time Received: 2/28/2019 9:15:00 AM

Delivery Method: FedEx

Airbill #s:

Cooler Temps (Raw Measured) °C: Cooler 1: (3.2);

Cooler Temps (Corrected) °C: Cooler 1: (2.2);

Cooler Security

Y or N

1. Custody Seals Present:

☒ ☐

3. COC Present:

☒ ☐

2. Custody Seals Intact:

☒ ☐

4. Smpl Dates/Time OK

☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved:

☒ ☐

2. Cooler temp verification:

IR Gun

3. Cooler media:

Ice (Bag)

4. No. Coolers:

1

Quality Control Preservation

Y or N

N/A

1. Trip Blank present / cooler:

☐ ☒ ☐

2. Trip Blank listed on COC:

☐ ☒ ☐

3. Samples preserved properly:

☒ ☐

4. VOCs headspace free:

☐ ☐ ☒

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles:

☒ ☐

2. Container labeling complete:

☒ ☐

3. Sample container label / COC agree:

☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT:

☒ ☐

2. All containers accounted for:

☒ ☐

3. Condition of sample:

Intact

Sample Integrity - Instructions

Y or N

N/A

1. Analysis requested is clear:

☒ ☐

2. Bottles received for unspecified tests

☐ ☒

3. Sufficient volume recvd for analysis:

☒ ☐

4. Compositing instructions clear:

☐ ☐ ☒

5. Filtering instructions clear:

☐ ☐ ☒

Test Strip Lot #s:

pH 1-12: 206717

pH 12+: 208717

Other: (Specify)

Comments

1) -1 thru -12 LL Field kit rec'd in hold but processed out of hold. Samples collected 2/26/19 but rec'd 2/28/19.

SM089-02 Rev. Date 12/1/16

JC83566: Chain of Custody

Page 3 of 4

Please proceed

4.1

4

JC83566: Chain of Custody
Page 4 of 4

MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 3

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6759-MB	3C150025.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-1, JC83566-2, JC83566-3, JC83566-4, JC83566-5, JC83566-6, JC83566-7, JC83566-8, JC83566-9, JC83566-10, JC83566-13, JC83566-14, JC83566-17, JC83566-18, JC83566-19, JC83566-20, JC83566-23

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83566**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6759-MB	3C150025.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83566-1, JC83566-2, JC83566-3, JC83566-4, JC83566-5, JC83566-6, JC83566-7, JC83566-8, JC83566-9, JC83566-10, JC83566-13, JC83566-14, JC83566-17, JC83566-18, JC83566-19, JC83566-20, JC83566-23

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	98% 75-127%
17060-07-0	1,2-Dichloroethane-D4	95% 75-130%
2037-26-5	Toluene-D8	98% 80-120%
460-00-4	4-Bromofluorobenzene	97% 79-127%

Method Blank Summary

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6759-MB	3C150025.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method:

JC83566-1, JC83566-2, JC83566-3, JC83566-4, JC83566-5, JC83566-6, JC83566-7, JC83566-8, JC83566-9, JC83566-10, JC83566-13, JC83566-14, JC83566-17, JC83566-18, JC83566-19, JC83566-20, JC83566-23

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 3

Job Number: JC83566**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7156-MB	1C162847.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83566-15, JC83566-16

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83566**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7156-MB	1C162847.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83566-15, JC83566-16

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	93% 75-127%
17060-07-0	1,2-Dichloroethane-D4	87% 75-130%
2037-26-5	Toluene-D8	98% 80-120%
460-00-4	4-Bromofluorobenzene	93% 79-127%

Method Blank Summary

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7156-MB	1C162847.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples: Method:

JC83566-15, JC83566-16

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10602-MB	D262883.D	1	03/08/19	TDN	n/a	n/a	VD10602

The QC reported here applies to the following samples: Method: SW846 8260C

JC83566-13, JC83566-14, JC83566-23

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	50	48	ug/kg	
75-01-4	Vinyl chloride	ND	100	23	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	99% 75-127%
17060-07-0	1,2-Dichloroethane-D4	116% 75-130%
2037-26-5	Toluene-D8	101% 80-120%
460-00-4	4-Bromofluorobenzene	102% 79-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Page 1 of 2

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6759-BS	3C150023.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-1, JC83566-2, JC83566-3, JC83566-4, JC83566-5, JC83566-6, JC83566-7, JC83566-8, JC83566-9, JC83566-10, JC83566-13, JC83566-14, JC83566-17, JC83566-18, JC83566-19, JC83566-20, JC83566-23

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	225	113	48-149
71-43-2	Benzene	50	47.8	96	74-117
108-86-1	Bromobenzene	50	46.2	92	77-117
74-97-5	Bromochloromethane	50	50.2	100	82-121
75-27-4	Bromodichloromethane	50	51.4	103	78-119
75-25-2	Bromoform	50	53.0	106	76-130
74-83-9	Bromomethane	50	46.7	93	58-137
78-93-3	2-Butanone (MEK)	200	224	112	65-143
104-51-8	n-Butylbenzene	50	45.2	90	74-123
135-98-8	sec-Butylbenzene	50	44.3	89	74-123
98-06-6	tert-Butylbenzene	50	43.6	87	73-124
56-23-5	Carbon tetrachloride	50	49.2	98	69-136
108-90-7	Chlorobenzene	50	46.2	92	79-117
75-00-3	Chloroethane	50	49.3	99	62-139
67-66-3	Chloroform	50	45.6	91	76-119
74-87-3	Chloromethane	50	48.4	97	52-144
95-49-8	o-Chlorotoluene	50	45.6	91	77-118
106-43-4	p-Chlorotoluene	50	46.1	92	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	55.8	112	72-124
124-48-1	Dibromochloromethane	50	58.0	116	78-122
106-93-4	1,2-Dibromoethane	50	50.3	101	80-116
95-50-1	1,2-Dichlorobenzene	50	45.7	91	77-117
541-73-1	1,3-Dichlorobenzene	50	45.6	91	75-117
106-46-7	1,4-Dichlorobenzene	50	44.9	90	76-115
75-71-8	Dichlorodifluoromethane	50	47.6	95	43-156
75-34-3	1,1-Dichloroethane	50	48.5	97	75-124
107-06-2	1,2-Dichloroethane	50	46.0	92	74-124
75-35-4	1,1-Dichloroethene	50	48.8	98	64-129
156-59-2	cis-1,2-Dichloroethene	50	48.5	97	74-118
156-60-5	trans-1,2-Dichloroethene	50	47.7	95	71-125
78-87-5	1,2-Dichloropropane	50	48.3	97	80-119
142-28-9	1,3-Dichloropropane	50	48.7	97	79-115
594-20-7	2,2-Dichloropropane	50	45.8	92	66-130
563-58-6	1,1-Dichloropropene	50	48.3	97	74-124
10061-01-5	cis-1,3-Dichloropropene	50	50.9	102	80-119
10061-02-6	trans-1,3-Dichloropropene	50	52.3	105	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6759-BS	3C150023.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-1, JC83566-2, JC83566-3, JC83566-4, JC83566-5, JC83566-6, JC83566-7, JC83566-8, JC83566-9, JC83566-10, JC83566-13, JC83566-14, JC83566-17, JC83566-18, JC83566-19, JC83566-20, JC83566-23

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	45.0	90	75-118
87-68-3	Hexachlorobutadiene	50	50.2	100	64-133
98-82-8	Isopropylbenzene	50	45.7	91	74-122
99-87-6	p-Isopropyltoluene	50	44.9	90	74-121
1634-04-4	Methyl Tert Butyl Ether	50	49.7	99	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	229	115	73-136
74-95-3	Methylene bromide	50	50.9	102	82-120
75-09-2	Methylene chloride	50	46.8	94	73-120
91-20-3	Naphthalene	50	49.6	99	71-130
103-65-1	n-Propylbenzene	50	43.2	86	75-120
100-42-5	Styrene	50	47.0	94	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	50.8	102	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	49.3	99	72-120
127-18-4	Tetrachloroethene	50	50.2	100	69-128
108-88-3	Toluene	50	45.7	91	74-117
87-61-6	1,2,3-Trichlorobenzene	50	49.7	99	72-133
120-82-1	1,2,4-Trichlorobenzene	50	49.3	99	73-132
71-55-6	1,1,1-Trichloroethane	50	46.4	93	73-131
79-00-5	1,1,2-Trichloroethane	50	49.2	98	79-117
79-01-6	Trichloroethene	50	47.8	96	80-120
75-69-4	Trichlorofluoromethane	50	45.7	91	63-141
96-18-4	1,2,3-Trichloropropane	50	50.0	100	77-121
95-63-6	1,2,4-Trimethylbenzene	50	43.2	86	76-119
108-67-8	1,3,5-Trimethylbenzene	50	43.6	87	74-119
75-01-4	Vinyl chloride	50	48.7	97	55-145
	m,p-Xylene	100	91.7	92	75-120
95-47-6	o-Xylene	50	45.4	91	75-119
1330-20-7	Xylene (total)	150	137	91	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	75-127%
17060-07-0	1,2-Dichloroethane-D4	100%	75-130%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	96%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC83566

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7156-BS	1C162845.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-15, JC83566-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	227	114	48-149
71-43-2	Benzene	50	50.5	101	74-117
108-86-1	Bromobenzene	50	50.1	100	77-117
74-97-5	Bromochloromethane	50	55.9	112	82-121
75-27-4	Bromodichloromethane	50	51.8	104	78-119
75-25-2	Bromoform	50	55.8	112	76-130
74-83-9	Bromomethane	50	49.7	99	58-137
78-93-3	2-Butanone (MEK)	200	227	114	65-143
104-51-8	n-Butylbenzene	50	48.9	98	74-123
135-98-8	sec-Butylbenzene	50	49.3	99	74-123
98-06-6	tert-Butylbenzene	50	51.1	102	73-124
56-23-5	Carbon tetrachloride	50	55.2	110	69-136
108-90-7	Chlorobenzene	50	52.1	104	79-117
75-00-3	Chloroethane	50	51.0	102	62-139
67-66-3	Chloroform	50	50.9	102	76-119
74-87-3	Chloromethane	50	48.3	97	52-144
95-49-8	o-Chlorotoluene	50	49.0	98	77-118
106-43-4	p-Chlorotoluene	50	48.1	96	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	52.7	105	72-124
124-48-1	Dibromochloromethane	50	56.1	112	78-122
106-93-4	1,2-Dibromoethane	50	57.6	115	80-116
95-50-1	1,2-Dichlorobenzene	50	51.1	102	77-117
541-73-1	1,3-Dichlorobenzene	50	49.8	100	75-117
106-46-7	1,4-Dichlorobenzene	50	49.6	99	76-115
75-71-8	Dichlorodifluoromethane	50	46.3	93	43-156
75-34-3	1,1-Dichloroethane	50	49.2	98	75-124
107-06-2	1,2-Dichloroethane	50	50.7	101	74-124
75-35-4	1,1-Dichloroethene	50	50.2	100	64-129
156-59-2	cis-1,2-Dichloroethene	50	49.4	99	74-118
156-60-5	trans-1,2-Dichloroethene	50	50.3	101	71-125
78-87-5	1,2-Dichloropropane	50	49.0	98	80-119
142-28-9	1,3-Dichloropropane	50	51.3	103	79-115
594-20-7	2,2-Dichloropropane	50	51.2	102	66-130
563-58-6	1,1-Dichloropropene	50	50.0	100	74-124
10061-01-5	cis-1,3-Dichloropropene	50	52.5	105	80-119
10061-02-6	trans-1,3-Dichloropropene	50	53.3	107	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83566**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7156-BS	1C162845.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83566-15, JC83566-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	50.2	100	75-118
87-68-3	Hexachlorobutadiene	50	49.0	98	64-133
98-82-8	Isopropylbenzene	50	50.5	101	74-122
99-87-6	p-Isopropyltoluene	50	50.4	101	74-121
1634-04-4	Methyl Tert Butyl Ether	50	53.6	107	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	215	108	73-136
74-95-3	Methylene bromide	50	52.4	105	82-120
75-09-2	Methylene chloride	50	52.3	105	73-120
91-20-3	Naphthalene	50	50.8	102	71-130
103-65-1	n-Propylbenzene	50	49.0	98	75-120
100-42-5	Styrene	50	51.8	104	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	53.4	107	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	51.5	103	72-120
127-18-4	Tetrachloroethene	50	56.1	112	69-128
108-88-3	Toluene	50	52.2	104	74-117
87-61-6	1,2,3-Trichlorobenzene	50	50.1	100	72-133
120-82-1	1,2,4-Trichlorobenzene	50	51.1	102	73-132
71-55-6	1,1,1-Trichloroethane	50	52.0	104	73-131
79-00-5	1,1,2-Trichloroethane	50	51.9	104	79-117
79-01-6	Trichloroethene	50	55.0	110	80-120
75-69-4	Trichlorofluoromethane	50	51.2	102	63-141
96-18-4	1,2,3-Trichloropropane	50	49.7	99	77-121
95-63-6	1,2,4-Trimethylbenzene	50	49.9	100	76-119
108-67-8	1,3,5-Trimethylbenzene	50	50.0	100	74-119
75-01-4	Vinyl chloride	50	50.6	101	55-145
	m,p-Xylene	100	101	101	75-120
95-47-6	o-Xylene	50	51.1	102	75-119
1330-20-7	Xylene (total)	150	152	101	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	75-127%
17060-07-0	1,2-Dichloroethane-D4	89%	75-130%
2037-26-5	Toluene-D8	97%	80-120%
460-00-4	4-Bromofluorobenzene	93%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10602-BS	D262881.D	1	03/08/19	TDN	n/a	n/a	VD10602

The QC reported here applies to the following samples: Method: SW846 8260C

JC83566-13, JC83566-14, JC83566-23

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
156-59-2	cis-1,2-Dichloroethene	2500	2330	93	74-118
75-01-4	Vinyl chloride	2500	2400	96	55-145

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	112%	75-130%
2037-26-5	Toluene-D8	103%	80-120%
460-00-4	4-Bromofluorobenzene	98%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-1MS	3C150036.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-1 ^a	3C150026.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-1, JC83566-2, JC83566-3, JC83566-4, JC83566-5, JC83566-6, JC83566-7, JC83566-8, JC83566-9, JC83566-10, JC83566-13, JC83566-14, JC83566-17, JC83566-18, JC83566-19, JC83566-20, JC83566-23

CAS No.	Compound	JC83566-1 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	ND		209	193	92	10-157
71-43-2	Benzene	ND		52.3	49.2	94	58-125
108-86-1	Bromobenzene	ND		52.3	42.3	81	50-129
74-97-5	Bromochloromethane	ND		52.3	51.8	99	60-127
75-27-4	Bromodichloromethane	ND		52.3	51.1	98	57-128
75-25-2	Bromoform	ND		52.3	43.7	84	48-133
74-83-9	Bromomethane	ND		52.3	50.8	97	31-141
78-93-3	2-Butanone (MEK)	ND		209	195	93	29-146
104-51-8	n-Butylbenzene	ND		52.3	30.6	58	23-149
135-98-8	sec-Butylbenzene	ND		52.3	35.9	69	33-147
98-06-6	tert-Butylbenzene	ND		52.3	39.0	75	39-145
56-23-5	Carbon tetrachloride	ND		52.3	50.6	97	51-143
108-90-7	Chlorobenzene	ND		52.3	43.7	84	54-130
75-00-3	Chloroethane	ND		52.3	58.7	112	22-153
67-66-3	Chloroform	ND		52.3	49.3	94	61-125
74-87-3	Chloromethane	ND		52.3	56.0	107	43-142
95-49-8	o-Chlorotoluene	ND		52.3	41.0	78	47-137
106-43-4	p-Chlorotoluene	ND		52.3	41.0	78	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		52.3	41.9	80	41-127
124-48-1	Dibromochloromethane	ND		52.3	52.2	100	56-127
106-93-4	1,2-Dibromoethane	ND		52.3	45.8	88	54-121
95-50-1	1,2-Dichlorobenzene	ND		52.3	37.8	72	41-134
541-73-1	1,3-Dichlorobenzene	ND		52.3	37.8	72	41-135
106-46-7	1,4-Dichlorobenzene	ND		52.3	37.1	71	41-133
75-71-8	Dichlorodifluoromethane	ND		52.3	51.9	99	30-153
75-34-3	1,1-Dichloroethane	ND		52.3	52.6	101	61-131
107-06-2	1,2-Dichloroethane	ND		52.3	45.0	86	56-126
75-35-4	1,1-Dichloroethene	ND		52.3	53.3	102	53-132
156-59-2	cis-1,2-Dichloroethene	ND		52.3	52.3	100	57-125
156-60-5	trans-1,2-Dichloroethene	ND		52.3	50.9	97	56-130
78-87-5	1,2-Dichloropropane	ND		52.3	48.2	92	63-126
142-28-9	1,3-Dichloropropane	ND		52.3	45.9	88	58-119
594-20-7	2,2-Dichloropropane	ND		52.3	38.3	73	41-135
563-58-6	1,1-Dichloropropene	ND		52.3	49.9	95	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		52.3	46.4	89	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		52.3	44.4	85	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-1MS	3C150036.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-1 ^a	3C150026.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-1, JC83566-2, JC83566-3, JC83566-4, JC83566-5, JC83566-6, JC83566-7, JC83566-8, JC83566-9, JC83566-10, JC83566-13, JC83566-14, JC83566-17, JC83566-18, JC83566-19, JC83566-20, JC83566-23

CAS No.	Compound	JC83566-1 ug/kg	Spike Q	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND	52.3	42.3	81	49-132
87-68-3	Hexachlorobutadiene	ND	52.3	24.4	47	10-165
98-82-8	Isopropylbenzene	ND	52.3	40.9	78	43-141
99-87-6	p-Isopropyltoluene	ND	52.3	35.4	68	34-144
1634-04-4	Methyl Tert Butyl Ether	ND	52.3	48.0	92	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	209	194	93	40-140
74-95-3	Methylene bromide	ND	52.3	48.7	93	57-124
75-09-2	Methylene chloride	ND	52.3	49.4	94	57-123
91-20-3	Naphthalene	ND	52.3	35.2	67	22-145
103-65-1	n-Propylbenzene	ND	52.3	37.7	72	41-139
100-42-5	Styrene	ND	52.3	43.1	82	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND	52.3	47.8	91	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND	52.3	43.2	83	44-127
127-18-4	Tetrachloroethene	ND	52.3	44.7	85	39-154
108-88-3	Toluene	ND	52.3	45.5	87	54-127
87-61-6	1,2,3-Trichlorobenzene	ND	52.3	30.0	57	17-151
120-82-1	1,2,4-Trichlorobenzene	ND	52.3	30.0	57	19-153
71-55-6	1,1,1-Trichloroethane	ND	52.3	49.8	95	57-138
79-00-5	1,1,2-Trichloroethane	ND	52.3	45.5	87	53-127
79-01-6	Trichloroethene	ND	52.3	48.1	92	52-140
75-69-4	Trichlorofluoromethane	ND	52.3	53.0	101	46-142
96-18-4	1,2,3-Trichloropropane	ND	52.3	44.5	85	48-129
95-63-6	1,2,4-Trimethylbenzene	ND	52.3	38.0	73	39-142
108-67-8	1,3,5-Trimethylbenzene	ND	52.3	38.6	74	40-140
75-01-4	Vinyl chloride	ND	52.3	56.6	108	43-146
	m,p-Xylene	ND	105	83.5	80	45-137
95-47-6	o-Xylene	ND	52.3	42.4	81	48-135
1330-20-7	Xylene (total)	ND	157	126	80	46-137

CAS No.	Surrogate Recoveries	MS	JC83566-1	Limits
1868-53-7	Dibromofluoromethane	106%	106%	75-127%
17060-07-0	1,2-Dichloroethane-D4	96%	104%	75-130%
2037-26-5	Toluene-D8	99%	96%	80-120%
460-00-4	4-Bromofluorobenzene	98%	98%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-1MS	3C150036.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-1 ^a	3C150026.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples: Method: SW846 8260C

JC83566-1, JC83566-2, JC83566-3, JC83566-4, JC83566-5, JC83566-6, JC83566-7, JC83566-8, JC83566-9, JC83566-10, JC83566-13, JC83566-14, JC83566-17, JC83566-18, JC83566-19, JC83566-20, JC83566-23

(a) Sample was not frozen within 48 hours storage holding time.

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83679-1MS	1C162858.D	1	03/05/19	PS	n/a	n/a	V1C7156
JC83679-1	1C162848.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-15, JC83566-16

CAS No.	Compound	JC83679-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	ND		230	239	104	10-157
71-43-2	Benzene	ND		57.6	60.1	104	58-125
108-86-1	Bromobenzene	ND		57.6	53.2	92	50-129
74-97-5	Bromochloromethane	ND		57.6	61.5	107	60-127
75-27-4	Bromodichloromethane	ND		57.6	60.9	106	57-128
75-25-2	Bromoform	ND		57.6	60.4	105	48-133
74-83-9	Bromomethane	ND		57.6	48.8	85	31-141
78-93-3	2-Butanone (MEK)	ND		230	236	102	29-146
104-51-8	n-Butylbenzene	ND		57.6	46.0	80	23-149
135-98-8	sec-Butylbenzene	ND		57.6	54.9	95	33-147
98-06-6	tert-Butylbenzene	ND		57.6	58.4	101	39-145
56-23-5	Carbon tetrachloride	ND		57.6	63.5	110	51-143
108-90-7	Chlorobenzene	ND		57.6	57.6	100	54-130
75-00-3	Chloroethane	ND		57.6	61.3	106	22-153
67-66-3	Chloroform	ND		57.6	58.9	102	61-125
74-87-3	Chloromethane	ND		57.6	51.3	89	43-142
95-49-8	o-Chlorotoluene	ND		57.6	52.9	92	47-137
106-43-4	p-Chlorotoluene	ND		57.6	48.2	84	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		57.6	54.9	95	41-127
124-48-1	Dibromochloromethane	ND		57.6	62.9	109	56-127
106-93-4	1,2-Dibromoethane	ND		57.6	61.7	107	54-121
95-50-1	1,2-Dichlorobenzene	ND		57.6	52.2	91	41-134
541-73-1	1,3-Dichlorobenzene	ND		57.6	49.3	86	41-135
106-46-7	1,4-Dichlorobenzene	ND		57.6	48.0	83	41-133
75-71-8	Dichlorodifluoromethane	ND		57.6	51.5	89	30-153
75-34-3	1,1-Dichloroethane	ND		57.6	57.9	101	61-131
107-06-2	1,2-Dichloroethane	ND		57.6	57.7	100	56-126
75-35-4	1,1-Dichloroethene	ND		57.6	56.3	98	53-132
156-59-2	cis-1,2-Dichloroethene	ND		57.6	54.3	94	57-125
156-60-5	trans-1,2-Dichloroethene	ND		57.6	52.4	91	56-130
78-87-5	1,2-Dichloropropane	ND		57.6	58.0	101	63-126
142-28-9	1,3-Dichloropropane	ND		57.6	56.8	99	58-119
594-20-7	2,2-Dichloropropane	ND		57.6	47.8	83	41-135
563-58-6	1,1-Dichloropropene	ND		57.6	53.6	93	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		57.6	54.0	94	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		57.6	51.5	89	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83679-1MS	1C162858.D	1	03/05/19	PS	n/a	n/a	V1C7156
JC83679-1	1C162848.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-15, JC83566-16

CAS No.	Compound	JC83679-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		57.6	56.4	98	49-132
87-68-3	Hexachlorobutadiene	ND		57.6	45.8	80	10-165
98-82-8	Isopropylbenzene	ND		57.6	64.1	111	43-141
99-87-6	p-Isopropyltoluene	ND		57.6	52.9	92	34-144
1634-04-4	Methyl Tert Butyl Ether	ND		57.6	59.7	104	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		230	235	102	40-140
74-95-3	Methylene bromide	ND		57.6	57.3	99	57-124
75-09-2	Methylene chloride	ND		57.6	57.7	100	57-123
91-20-3	Naphthalene	ND		57.6	51.0	89	22-145
103-65-1	n-Propylbenzene	ND		57.6	55.2	96	41-139
100-42-5	Styrene	ND		57.6	57.1	99	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		57.6	62.8	109	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		57.6	58.0	101	44-127
127-18-4	Tetrachloroethene	ND		57.6	59.0	102	39-154
108-88-3	Toluene	ND		57.6	59.3	103	54-127
87-61-6	1,2,3-Trichlorobenzene	ND		57.6	48.1	84	17-151
120-82-1	1,2,4-Trichlorobenzene	ND		57.6	44.6	77	19-153
71-55-6	1,1,1-Trichloroethane	ND		57.6	60.4	105	57-138
79-00-5	1,1,2-Trichloroethane	ND		57.6	58.8	102	53-127
79-01-6	Trichloroethene	ND		57.6	60.9	106	52-140
75-69-4	Trichlorofluoromethane	ND		57.6	60.5	105	46-142
96-18-4	1,2,3-Trichloropropane	ND		57.6	55.2	96	48-129
95-63-6	1,2,4-Trimethylbenzene	ND		57.6	53.5	93	39-142
108-67-8	1,3,5-Trimethylbenzene	ND		57.6	54.6	95	40-140
75-01-4	Vinyl chloride	ND		57.6	55.2	96	43-146
	m,p-Xylene	ND		115	113	98	45-137
95-47-6	o-Xylene	ND		57.6	59.2	103	48-135
1330-20-7	Xylene (total)	ND		173	172	100	46-137

CAS No.	Surrogate Recoveries	MS	JC83679-1	Limits
1868-53-7	Dibromofluoromethane	94%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	90%	96%	75-130%
2037-26-5	Toluene-D8	97%	97%	80-120%
460-00-4	4-Bromofluorobenzene	92%	94%	79-127%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83731-2MS	D262886.D	1	03/08/19	TDN	n/a	n/a	VD10602
JC83731-2MSD	D262887.D	1	03/08/19	TDN	n/a	n/a	VD10602
JC83731-2	D262884.D	1	03/08/19	TDN	n/a	n/a	VD10602

The QC reported here applies to the following samples: Method: SW846 8260C

JC83566-13, JC83566-14, JC83566-23

CAS No.	Compound	JC83731-2 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethene	ND	3550	2960	83	3550	2970	84	0	57-125/22
75-01-4	Vinyl chloride	ND	3550	2940	83	3550	3070	86	4	43-146/26

CAS No.	Surrogate Recoveries	MS	MSD	JC83731-2	Limits
1868-53-7	Dibromofluoromethane	98%	99%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	113%	113%	115%	75-130%
2037-26-5	Toluene-D8	103%	103%	102%	80-120%
460-00-4	4-Bromofluorobenzene	97%	97%	101%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 3

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-2DUP	3C150037.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-2 ^a	3C150027.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-1, JC83566-2, JC83566-3, JC83566-4, JC83566-5, JC83566-6, JC83566-7, JC83566-8, JC83566-9, JC83566-10, JC83566-13, JC83566-14, JC83566-17, JC83566-18, JC83566-19, JC83566-20, JC83566-23

CAS No.	Compound	JC83566-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
67-64-1	Acetone	52.6		40.6		26	40
71-43-2	Benzene	ND		ND		nc	30
108-86-1	Bromobenzene	ND		ND		nc	30
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	30
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	30
78-93-3	2-Butanone (MEK)	ND		ND		nc	30
104-51-8	n-Butylbenzene	ND		ND		nc	30
135-98-8	sec-Butylbenzene	ND		ND		nc	30
98-06-6	tert-Butylbenzene	ND		ND		nc	30
56-23-5	Carbon tetrachloride	ND		ND		nc	30
108-90-7	Chlorobenzene	ND		ND		nc	30
75-00-3	Chloroethane	ND		ND		nc	30
67-66-3	Chloroform	ND		ND		nc	30
74-87-3	Chloromethane	ND		ND		nc	30
95-49-8	o-Chlorotoluene	ND		ND		nc	30
106-43-4	p-Chlorotoluene	ND		ND		nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	30
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	30
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	30
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	30
107-06-2	1,2-Dichloroethane	ND		ND		nc	30
75-35-4	1,1-Dichloroethene	ND		ND		nc	30
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	30
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	30
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
142-28-9	1,3-Dichloropropane	ND		ND		nc	30
594-20-7	2,2-Dichloropropane	ND		ND		nc	30
563-58-6	1,1-Dichloropropene	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 3

Job Number: JC83566

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-2DUP	3C150037.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-2 ^a	3C150027.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-1, JC83566-2, JC83566-3, JC83566-4, JC83566-5, JC83566-6, JC83566-7, JC83566-8, JC83566-9, JC83566-10, JC83566-13, JC83566-14, JC83566-17, JC83566-18, JC83566-19, JC83566-20, JC83566-23

CAS No.	Compound	JC83566-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
100-41-4	Ethylbenzene	ND	ND			nc	30
87-68-3	Hexachlorobutadiene	ND	ND			nc	30
98-82-8	Isopropylbenzene	ND	ND			nc	30
99-87-6	p-Isopropyltoluene	ND	ND			nc	30
1634-04-4	Methyl Tert Butyl Ether	ND	ND			nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND			nc	30
74-95-3	Methylene bromide	ND	ND			nc	30
75-09-2	Methylene chloride	ND	ND			nc	36
91-20-3	Naphthalene	ND	ND			nc	30
103-65-1	n-Propylbenzene	ND	ND			nc	30
100-42-5	Styrene	ND	ND			nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND			nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND			nc	30
127-18-4	Tetrachloroethene	ND	ND			nc	30
108-88-3	Toluene	ND	ND			nc	24
87-61-6	1,2,3-Trichlorobenzene	ND	ND			nc	30
120-82-1	1,2,4-Trichlorobenzene	ND	ND			nc	30
71-55-6	1,1,1-Trichloroethane	ND	ND			nc	30
79-00-5	1,1,2-Trichloroethane	ND	ND			nc	30
79-01-6	Trichloroethene	ND	ND			nc	30
75-69-4	Trichlorofluoromethane	ND	ND			nc	30
96-18-4	1,2,3-Trichloropropane	ND	ND			nc	30
95-63-6	1,2,4-Trimethylbenzene	ND	ND			nc	30
108-67-8	1,3,5-Trimethylbenzene	ND	ND			nc	30
75-01-4	Vinyl chloride	7.9	ND			200* ^b	30
	m,p-Xylene	ND	ND			nc	32
95-47-6	o-Xylene	ND	ND			nc	30
1330-20-7	Xylene (total)	ND	ND			nc	33

CAS No.	Surrogate Recoveries	DUP	JC83566-2	Limits
1868-53-7	Dibromofluoromethane	108%	107%	75-127%
17060-07-0	1,2-Dichloroethane-D4	103%	109%	75-130%
2037-26-5	Toluene-D8	95%	96%	80-120%
460-00-4	4-Bromofluorobenzene	96%	96%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 3 of 3

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-2DUP	3C150037.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-2 ^a	3C150027.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-1, JC83566-2, JC83566-3, JC83566-4, JC83566-5, JC83566-6, JC83566-7, JC83566-8, JC83566-9, JC83566-10, JC83566-13, JC83566-14, JC83566-17, JC83566-18, JC83566-19, JC83566-20, JC83566-23

- (a) Sample was not frozen within 48 hours storage holding time.
(b) Outside control limits due to sample non-homogeneity.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JC83566**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83679-2DUP	1C162860.D	1	03/05/19	PS	n/a	n/a	V1C7156
JC83679-2	1C162849.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83566-15, JC83566-16

CAS No.	Compound	JC83679-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
67-64-1	Acetone	ND	ND			nc	40
71-43-2	Benzene	ND	ND			nc	30
108-86-1	Bromobenzene	ND	ND			nc	30
74-97-5	Bromochloromethane	ND	ND			nc	30
75-27-4	Bromodichloromethane	ND	ND			nc	30
75-25-2	Bromoform	ND	ND			nc	30
74-83-9	Bromomethane	ND	ND			nc	30
78-93-3	2-Butanone (MEK)	ND	ND			nc	30
104-51-8	n-Butylbenzene	ND	ND			nc	30
135-98-8	sec-Butylbenzene	ND	ND			nc	30
98-06-6	tert-Butylbenzene	ND	ND			nc	30
56-23-5	Carbon tetrachloride	ND	ND			nc	30
108-90-7	Chlorobenzene	ND	ND			nc	30
75-00-3	Chloroethane	ND	ND			nc	30
67-66-3	Chloroform	ND	ND			nc	30
74-87-3	Chloromethane	ND	ND			nc	30
95-49-8	o-Chlorotoluene	ND	ND			nc	30
106-43-4	p-Chlorotoluene	ND	ND			nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND			nc	30
124-48-1	Dibromochloromethane	ND	ND			nc	30
106-93-4	1,2-Dibromoethane	ND	ND			nc	30
95-50-1	1,2-Dichlorobenzene	ND	ND			nc	30
541-73-1	1,3-Dichlorobenzene	ND	ND			nc	30
106-46-7	1,4-Dichlorobenzene	ND	ND			nc	30
75-71-8	Dichlorodifluoromethane	ND	ND			nc	30
75-34-3	1,1-Dichloroethane	ND	ND			nc	30
107-06-2	1,2-Dichloroethane	ND	ND			nc	30
75-35-4	1,1-Dichloroethene	ND	ND			nc	30
156-59-2	cis-1,2-Dichloroethene	ND	ND			nc	30
156-60-5	trans-1,2-Dichloroethene	ND	ND			nc	30
78-87-5	1,2-Dichloropropane	ND	ND			nc	30
142-28-9	1,3-Dichloropropane	ND	ND			nc	30
594-20-7	2,2-Dichloropropane	ND	ND			nc	30
563-58-6	1,1-Dichloropropene	ND	ND			nc	30
10061-01-5	cis-1,3-Dichloropropene	ND	ND			nc	30
10061-02-6	trans-1,3-Dichloropropene	ND	ND			nc	30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 2

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83679-2DUP	1C162860.D	1	03/05/19	PS	n/a	n/a	V1C7156
JC83679-2	1C162849.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83566-15, JC83566-16

CAS No.	Compound	JC83679-2 ug/kg	DUP Q	Q	RPD	Limits
100-41-4	Ethylbenzene	ND	ND	nc	30	
87-68-3	Hexachlorobutadiene	ND	ND	nc	30	
98-82-8	Isopropylbenzene	ND	ND	nc	30	
99-87-6	p-Isopropyltoluene	ND	ND	nc	30	
1634-04-4	Methyl Tert Butyl Ether	ND	ND	nc	30	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND	nc	30	
74-95-3	Methylene bromide	ND	ND	nc	30	
75-09-2	Methylene chloride	ND	ND	nc	36	
91-20-3	Naphthalene	ND	ND	nc	30	
103-65-1	n-Propylbenzene	ND	ND	nc	30	
100-42-5	Styrene	ND	ND	nc	30	
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND	nc	30	
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND	nc	30	
127-18-4	Tetrachloroethene	ND	ND	nc	30	
108-88-3	Toluene	ND	ND	nc	24	
87-61-6	1,2,3-Trichlorobenzene	ND	ND	nc	30	
120-82-1	1,2,4-Trichlorobenzene	ND	ND	nc	30	
71-55-6	1,1,1-Trichloroethane	ND	ND	nc	30	
79-00-5	1,1,2-Trichloroethane	ND	ND	nc	30	
79-01-6	Trichloroethene	ND	ND	nc	30	
75-69-4	Trichlorofluoromethane	ND	ND	nc	30	
96-18-4	1,2,3-Trichloropropane	ND	ND	nc	30	
95-63-6	1,2,4-Trimethylbenzene	ND	ND	nc	30	
108-67-8	1,3,5-Trimethylbenzene	ND	ND	nc	30	
75-01-4	Vinyl chloride	ND	ND	nc	30	
	m,p-Xylene	ND	ND	nc	32	
95-47-6	o-Xylene	ND	ND	nc	30	
1330-20-7	Xylene (total)	ND	ND	nc	33	

CAS No.	Surrogate Recoveries	DUP	JC83679-2	Limits
1868-53-7	Dibromofluoromethane	96%	97%	75-127%
17060-07-0	1,2-Dichloroethane-D4	93%	96%	75-130%
2037-26-5	Toluene-D8	97%	97%	80-120%
460-00-4	4-Bromofluorobenzene	93%	92%	79-127%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7060-BFB
Lab File ID: 1C160437.D
Instrument ID: GCMS1C
Injection Date: 11/03/18
Injection Time: 16:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	8643	16.6	Pass
75	30.0 - 60.0% of mass 95	23272	44.6	Pass
95	Base peak, 100% relative abundance	52165	100.0	Pass
96	5.0 - 9.0% of mass 95	3538	6.78	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	48832	93.6	Pass
175	5.0 - 9.0% of mass 174	3792	7.27 (7.77) ^a	Pass
176	95.0 - 101.0% of mass 174	47341	90.8 (96.9) ^a	Pass
177	5.0 - 9.0% of mass 176	3096	5.94 (6.54) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7060-IC7060	1C160438.D	11/03/18	16:58	00:31	Initial cal 0.5
V1C7060-IC7060	1C160439.D	11/03/18	17:25	00:58	Initial cal 1
V1C7060-IC7060	1C160440.D	11/03/18	17:52	01:25	Initial cal 2
V1C7060-IC7060	1C160441.D	11/03/18	18:18	01:51	Initial cal 4
V1C7060-IC7060	1C160442.D	11/03/18	18:44	02:17	Initial cal 8
V1C7060-IC7060	1C160443.D	11/03/18	19:11	02:44	Initial cal 20
V1C7060-ICC7060	1C160444.D	11/03/18	19:37	03:10	Initial cal 50
V1C7060-IC7060	1C160445.D	11/03/18	20:04	03:37	Initial cal 100
V1C7060-IC7060	1C160446.D	11/03/18	20:30	04:03	Initial cal 200
V1C7060-ICV7060	1C160449.D	11/03/18	21:50	05:23	Initial cal verification 50
V1C7060-ICV7060	1C160450.D	11/03/18	22:16	05:49	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7156-BFB
Lab File ID: 1C162844.D
Instrument ID: GCMS1C
Injection Date: 03/05/19
Injection Time: 09:48

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	12904	17.3	Pass
75	30.0 - 60.0% of mass 95	34133	45.9	Pass
95	Base peak, 100% relative abundance	74381	100.0	Pass
96	5.0 - 9.0% of mass 95	5020	6.75	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	68336	91.9	Pass
175	5.0 - 9.0% of mass 174	5536	7.44 (8.10) ^a	Pass
176	95.0 - 101.0% of mass 174	66000	88.7 (96.6) ^a	Pass
177	5.0 - 9.0% of mass 176	4566	6.14 (6.92) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7156-CC7060	1C162844.D	03/05/19	09:48	00:00	Continuing cal 50
V1C7156-BS	1C162845.D	03/05/19	10:22	00:34	Blank Spike
ZZZZZZ	1C162847A.D	03/05/19	11:26	01:38	(unrelated sample)
V1C7156-MB	1C162847.D	03/05/19	11:26	01:38	Method Blank
JC83679-1	1C162848.D	03/05/19	11:53	02:05	(used for QC only; not part of job JC83566)
JC83679-2	1C162849.D	03/05/19	12:20	02:32	(used for QC only; not part of job JC83566)
ZZZZZZ	1C162850.D	03/05/19	12:47	02:59	(unrelated sample)
ZZZZZZ	1C162851.D	03/05/19	13:14	03:26	(unrelated sample)
ZZZZZZ	1C162852.D	03/05/19	13:41	03:53	(unrelated sample)
ZZZZZZ	1C162853.D	03/05/19	14:08	04:20	(unrelated sample)
ZZZZZZ	1C162854.D	03/05/19	14:35	04:47	(unrelated sample)
ZZZZZZ	1C162855.D	03/05/19	15:02	05:14	(unrelated sample)
ZZZZZZ	1C162856.D	03/05/19	15:29	05:41	(unrelated sample)
JC83679-1MS	1C162858.D	03/05/19	16:23	06:35	Matrix Spike
JC83679-2DUP	1C162860.D	03/05/19	17:17	07:29	Duplicate
ZZZZZZ	1C162861.D	03/05/19	17:44	07:56	(unrelated sample)
ZZZZZZ	1C162862.D	03/05/19	18:12	08:24	(unrelated sample)
JC83566-16	1C162863.D	03/05/19	18:39	08:51	SAP 62 (0)
JC83566-15	1C162864.D	03/05/19	19:06	09:18	SAP 33C (28)
ZZZZZZ	1C162865.D	03/05/19	19:33	09:45	(unrelated sample)
ZZZZZZ	1C162866.D	03/05/19	20:00	10:12	(unrelated sample)
ZZZZZZ	1C162867.D	03/05/19	20:27	10:39	(unrelated sample)
ZZZZZZ	1C162868.D	03/05/19	20:54	11:06	(unrelated sample)
ZZZZZZ	1C162869.D	03/05/19	21:21	11:33	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V3C6743-BFB
Lab File ID: 3C149621.D
Instrument ID: GCMS3C
Injection Date: 02/13/19
Injection Time: 17:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	20405	18.6	Pass
75	30.0 - 60.0% of mass 95	53912	49.2	Pass
95	Base peak, 100% relative abundance	109629	100.0	Pass
96	5.0 - 9.0% of mass 95	7437	6.78	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	102597	93.6	Pass
175	5.0 - 9.0% of mass 174	7596	6.93 (7.40) ^a	Pass
176	95.0 - 101.0% of mass 174	99168	90.5 (96.7) ^a	Pass
177	5.0 - 9.0% of mass 176	6330	5.77 (6.38) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3C6743-IC6743	3C149623.D	02/13/19	18:33	01:06	Initial cal 0.5
V3C6743-IC6743	3C149624.D	02/13/19	18:56	01:29	Initial cal 1
V3C6743-IC6743	3C149628.D	02/13/19	20:29	03:02	Initial cal 2
V3C6743-IC6743	3C149629.D	02/13/19	20:52	03:25	Initial cal 4
V3C6743-IC6743	3C149630.D	02/13/19	21:15	03:48	Initial cal 8
V3C6743-IC6743	3C149631.D	02/13/19	21:39	04:12	Initial cal 20
V3C6743-ICC6743	3C149632.D	02/13/19	22:02	04:35	Initial cal 50
V3C6743-IC6743	3C149633.D	02/13/19	22:25	04:58	Initial cal 100
V3C6743-IC6743	3C149634.D	02/13/19	22:48	05:21	Initial cal 200
V3C6743-ICV6743	3C149637.D	02/13/19	23:59	06:32	Initial cal verification 50
V3C6743-ICV6743	3C149638.D	02/14/19	00:23	06:56	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V3C6759-BFB
Lab File ID: 3C150022.D
Instrument ID: GCMS3C
Injection Date: 03/04/19
Injection Time: 08:42

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	16479	17.2	Pass
75	30.0 - 60.0% of mass 95	45450	47.5	Pass
95	Base peak, 100% relative abundance	95595	100.0	Pass
96	5.0 - 9.0% of mass 95	6452	6.75	Pass
173	Less than 2.0% of mass 174	94	0.10 (0.10) ^a	Pass
174	50.0 - 120.0% of mass 95	96790	101.3	Pass
175	5.0 - 9.0% of mass 174	7152	7.48 (7.39) ^a	Pass
176	95.0 - 101.0% of mass 174	93970	98.3 (97.1) ^a	Pass
177	5.0 - 9.0% of mass 176	6273	6.56 (6.68) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3C6759-CC6743	3C150022.D	03/04/19	08:42	00:00	Continuing cal 50
V3C6759-BS	3C150023.D	03/04/19	09:18	00:36	Blank Spike
V3C6759-MB	3C150025.D	03/04/19	10:13	01:31	Method Blank
ZZZZZZ	3C150025A.D	03/04/19	10:13	01:31	(unrelated sample)
JC83566-1	3C150026.D	03/04/19	10:37	01:55	SAP 56 (0)
JC83566-2	3C150027.D	03/04/19	11:00	02:18	SAP 56 (4)
JC83566-3	3C150028.D	03/04/19	11:23	02:41	SAP 56 (8)
JC83566-4	3C150029.D	03/04/19	11:46	03:04	SAP 56 (12)
JC83566-5	3C150030.D	03/04/19	12:10	03:28	SAP 56 (16)
JC83566-6	3C150031.D	03/04/19	12:33	03:51	SAP 57 (0)
JC83566-7	3C150032.D	03/04/19	12:56	04:14	SAP 57 (4)
JC83566-8	3C150033.D	03/04/19	13:19	04:37	SAP 57 (8)
JC83566-9	3C150034.D	03/04/19	13:43	05:01	SAP 57 (12)
JC83566-10	3C150035.D	03/04/19	14:06	05:24	SAP 57 (16)
JC83566-1MS	3C150036.D	03/04/19	14:29	05:47	Matrix Spike
JC83566-2DUP	3C150037.D	03/04/19	14:53	06:11	Duplicate
ZZZZZZ	3C150038.D	03/04/19	15:16	06:34	(unrelated sample)
ZZZZZZ	3C150039.D	03/04/19	15:39	06:57	(unrelated sample)
ZZZZZZ	3C150040.D	03/04/19	16:02	07:20	(unrelated sample)
ZZZZZZ	3C150041.D	03/04/19	16:26	07:44	(unrelated sample)
JC83566-13	3C150042.D	03/04/19	16:49	08:07	SAP 33C (24)
JC83566-14	3C150043.D	03/04/19	17:12	08:30	SAP 33C (15)
JC83566-17	3C150046.D	03/04/19	18:22	09:40	SAP 62 (4)
JC83566-18	3C150047.D	03/04/19	18:46	10:04	SAP 62 (8)

Instrument Performance Check (BFB)

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample:	V3C6759-BFB	Injection Date:	03/04/19
Lab File ID:	3C150022.D	Injection Time:	08:42
Instrument ID:	GCMS3C		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
JC83566-19	3C150048.D	03/04/19	19:09	10:27	SAP 62 (12)
JC83566-20	3C150049.D	03/04/19	19:32	10:50	SAP 62 (16)
JC83566-23	3C150050.D	03/04/19	19:56	11:14	DUP 2

5.6.4
5

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10552-BFB
Lab File ID: D261493.D
Instrument ID: GCMSD
Injection Date: 01/10/19
Injection Time: 18:32

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	12541	17.8	Pass
75	30.0 - 60.0% of mass 95	33480	47.6	Pass
95	Base peak, 100% relative abundance	70402	100.0	Pass
96	5.0 - 9.0% of mass 95	4644	6.60	Pass
173	Less than 2.0% of mass 174	284	0.40 (0.48) ^a	Pass
174	50.0 - 150.0% of mass 95	58992	83.8	Pass
175	5.0 - 9.0% of mass 174	4190	5.95 (7.10) ^a	Pass
176	95.0 - 101.0% of mass 174	57453	81.6 (97.4) ^a	Pass
177	5.0 - 9.0% of mass 176	3835	5.45 (6.68) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10552-IC10552	D261495.D	01/10/19	19:42	01:10	Initial cal 0.5
VD10552-IC10552	D261496.D	01/10/19	20:10	01:38	Initial cal 1
VD10552-IC10552	D261497.D	01/10/19	20:39	02:07	Initial cal 2
VD10552-IC10552	D261498.D	01/10/19	21:08	02:36	Initial cal 4
VD10552-IC10552	D261499.D	01/10/19	21:36	03:04	Initial cal 8
VD10552-IC10552	D261500.D	01/10/19	22:05	03:33	Initial cal 20
VD10552-ICC10552	D261501.D	01/10/19	22:34	04:02	Initial cal 50
VD10552-IC10552	D261502.D	01/10/19	23:02	04:30	Initial cal 100
VD10552-IC10552	D261503.D	01/10/19	23:31	04:59	Initial cal 200
VD10552-ICV10552	D261506.D	01/11/19	00:57	06:25	Initial cal verification 50
VD10552-ICV10552	D261507.D	01/11/19	01:26	06:54	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10602-BFB
Lab File ID: D262877.D
Instrument ID: GCMSD
Injection Date: 03/08/19
Injection Time: 07:41

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	14343	17.9	Pass
75	30.0 - 60.0% of mass 95	39005	48.7	Pass
95	Base peak, 100% relative abundance	80104	100.0	Pass
96	5.0 - 9.0% of mass 95	5393	6.73	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	71619	89.4	Pass
175	5.0 - 9.0% of mass 174	5411	6.75 (7.56) ^a	Pass
176	95.0 - 101.0% of mass 174	70360	87.8 (98.2) ^a	Pass
177	5.0 - 9.0% of mass 176	4901	6.12 (6.97) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10602-CC10552	D262877.D	03/08/19	07:41	00:00	Continuing cal 50
VD10602-BS	D262881.D	03/08/19	09:39	01:58	Blank Spike
VD10602-MB	D262883.D	03/08/19	10:36	02:55	Method Blank
ZZZZZZ	D262883A.D	03/08/19	10:36	02:55	(unrelated sample)
JC83731-2	D262884.D	03/08/19	11:05	03:24	(used for QC only; not part of job JC83566)
ZZZZZZ	D262885.D	03/08/19	11:33	03:52	(unrelated sample)
JC83731-2MS	D262886.D	03/08/19	12:02	04:21	Matrix Spike
JC83731-2MSD	D262887.D	03/08/19	12:31	04:50	Matrix Spike Duplicate
ZZZZZZ	D262889.D	03/08/19	13:29	05:48	(unrelated sample)
JC83566-13	D262890.D	03/08/19	13:57	06:16	SAP 33C (24)
JC83566-14	D262891.D	03/08/19	14:26	06:45	SAP 33C (15)
JC83566-23	D262892.D	03/08/19	14:55	07:14	DUP 2
ZZZZZZ	D262893.D	03/08/19	15:24	07:43	(unrelated sample)
ZZZZZZ	D262894.D	03/08/19	15:53	08:12	(unrelated sample)
ZZZZZZ	D262895.D	03/08/19	16:21	08:40	(unrelated sample)
ZZZZZZ	D262896.D	03/08/19	16:50	09:09	(unrelated sample)
ZZZZZZ	D262897.D	03/08/19	17:19	09:38	(unrelated sample)
ZZZZZZ	D262898.D	03/08/19	17:48	10:07	(unrelated sample)
ZZZZZZ	D262899.D	03/08/19	18:17	10:36	(unrelated sample)

Surrogate Recovery Summary

Page 1 of 2

Job Number: JC83566

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC83566-1	3C150026.D	106	104	96	98
JC83566-2	3C150027.D	107	109	96	96
JC83566-3	3C150028.D	107	102	96	96
JC83566-4	3C150029.D	106	100	97	97
JC83566-5	3C150030.D	105	104	96	96
JC83566-6	3C150031.D	108	105	97	100
JC83566-7	3C150032.D	107	104	96	97
JC83566-8	3C150033.D	106	100	96	97
JC83566-9	3C150034.D	106	103	97	97
JC83566-10	3C150035.D	108	103	95	97
JC83566-13	D262890.D	98	116	100	103
JC83566-13	3C150042.D	107	101	98	102
JC83566-14	D262891.D	98	116	100	104
JC83566-14	3C150043.D	107	100	97	100
JC83566-15	1C162864.D	97	97	97	96
JC83566-16	1C162863.D	97	96	98	97
JC83566-17	3C150046.D	104	100	98	96
JC83566-18	3C150047.D	104	99	97	98
JC83566-19	3C150048.D	104	101	98	97
JC83566-20	3C150049.D	103	100	97	98
JC83566-23	D262892.D	99	115	99	102
JC83566-23	3C150050.D	105	101	97	99
JC83566-1MS	3C150036.D	106	96	99	98
JC83566-2DUP	3C150037.D	108	103	95	96
JC83679-1MS	1C162858.D	94	90	97	92
JC83679-2DUP	1C162860.D	96	93	97	93
JC83731-2MS	D262886.D	98	113	103	97
JC83731-2MSD	D262887.D	99	113	103	97
V1C7156-BS	1C162845.D	97	89	97	93
V1C7156-MB	1C162847.D	93	87	98	93
V3C6759-BS	3C150023.D	101	100	98	96
V3C6759-MB	3C150025.D	98	95	98	97
VD10602-BS	D262881.D	100	112	103	98
VD10602-MB	D262883.D	99	116	101	102

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane

75-127%

S2 = 1,2-Dichloroethane-D4

75-130%

Surrogate Recovery Summary

Job Number: JC83566
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C	Matrix: SO
---------------------	------------

Samples and QC shown here apply to the above method

Surrogate Compounds	Recovery Limits
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	79-127%

5.7.1
5

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Arcadis

GE, 13th Street, Tell City, IN

ALL00911.0017

SGS Job Number: JC83637

Sampling Dates: 02/27/19 - 02/28/19

Report to:

Arcadis
150 West Market Suite 728
Indianapolis, IN 46204
Daniel.Petzold@Arcadis.com

ATTN: Daniel Petzold

Total number of pages in report: **74**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read 'Brian McGuire'.

Brian McGuire
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	5
Section 3: Sample Results	7
3.1: JC83637-1: SAP68(0)	8
3.2: JC83637-2: SAP68(4)	10
3.3: JC83637-3: SAP68(8)	12
3.4: JC83637-4: SAP68(12)	14
3.5: JC83637-5: SAP68(16)	16
3.6: JC83637-8: SAP69(0)	18
3.7: JC83637-9: SAP69(4)	20
3.8: JC83637-10: SAP69(8)	22
3.9: JC83637-11: SAP69(12)	24
3.10: JC83637-12: SAP69(16)	26
3.11: JC83637-15: SAP63(4)	28
3.12: JC83637-16: SAP63(8)	30
3.13: JC83637-17: SAP63(12)	33
3.14: JC83637-18: SAP63(16)	35
3.15: JC83637-21: AB-12B 24	37
3.16: JC83637-22: AB-12B 28	39
Section 4: Misc. Forms	41
4.1: Chain of Custody	42
Section 5: MS Volatiles - QC Data Summaries	46
5.1: Method Blank Summary	47
5.2: Blank Spike Summary	54
5.3: Matrix Spike Summary	59
5.4: Matrix Spike/Matrix Spike Duplicate Summary	63
5.5: Duplicate Summary	64
5.6: Instrument Performance Checks (BFB)	69
5.7: Surrogate Recovery Summaries	74

Sample Summary

Arcadis

Job No: JC83637

GE, 13th Street, Tell City, IN
Project No: ALL00911.0017

Sample Number	Collected			Received	Matrix		Client Sample ID
	Date	Time	By		Code	Type	
JC83637-1	02/27/19	15:25	KA	03/01/19	SO	Soil	SAP68(0)
JC83637-2	02/27/19	15:30	KA	03/01/19	SO	Soil	SAP68(4)
JC83637-3	02/27/19	15:35	KA	03/01/19	SO	Soil	SAP68(8)
JC83637-4	02/27/19	15:40	KA	03/01/19	SO	Soil	SAP68(12)
JC83637-5	02/27/19	15:45	KA	03/01/19	SO	Soil	SAP68(16)
JC83637-8	02/27/19	16:30	KA	03/01/19	SO	Soil	SAP69(0)
JC83637-9	02/27/19	16:35	KA	03/01/19	SO	Soil	SAP69(4)
JC83637-10	02/27/19	16:40	KA	03/01/19	SO	Soil	SAP69(8)
JC83637-11	02/27/19	16:45	KA	03/01/19	SO	Soil	SAP69(12)
JC83637-12	02/27/19	16:50	KA	03/01/19	SO	Soil	SAP69(16)
JC83637-15	02/28/19	08:25	KA	03/01/19	SO	Soil	SAP63(4)
JC83637-16	02/28/19	08:35	KA	03/01/19	SO	Soil	SAP63(8)
JC83637-17	02/28/19	08:40	KA	03/01/19	SO	Soil	SAP63(12)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary
(continued)

Arcadis

Job No: JC83637

GE, 13th Street, Tell City, IN
Project No: ALL00911.0017

Sample Number	Collected		Time By	Received	Matrix		Client Sample ID
	Date				Code	Type	
JC83637-18	02/28/19	08:45	KA	03/01/19	SO	Soil	SAP63(16)
JC83637-21	02/28/19	12:00	KA	03/01/19	SO	Soil	AB-12B 24
JC83637-22	02/28/19	12:15	KA	03/01/19	SO	Soil	AB-12B 28

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Page 1 of 2

Job Number: JC83637
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/27/19 thru 02/28/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC83637-1	SAP68(0)					
Acetone		59.0	11	5.3	ug/kg	SW846 8260C
JC83637-2	SAP68(4)					
Acetone		70.4	11	5.4	ug/kg	SW846 8260C
JC83637-3	SAP68(8)					
Acetone		37.1	9.8	4.9	ug/kg	SW846 8260C
JC83637-4	SAP68(12)					
Acetone		71.8	13	6.5	ug/kg	SW846 8260C
JC83637-5	SAP68(16)					
Acetone		60.3	10	5.2	ug/kg	SW846 8260C
JC83637-8	SAP69(0)					
Acetone		21.6	11	5.4	ug/kg	SW846 8260C
Trichloroethene		7.4	1.1	0.82	ug/kg	SW846 8260C
JC83637-9	SAP69(4)					
Acetone		43.6	10	5.1	ug/kg	SW846 8260C
JC83637-10	SAP69(8)					
Acetone		67.8	12	5.9	ug/kg	SW846 8260C
JC83637-11	SAP69(12)					
Acetone		180	15	7.3	ug/kg	SW846 8260C
JC83637-12	SAP69(16)					
Acetone		40.3	12	6.2	ug/kg	SW846 8260C
JC83637-15	SAP63(4)					
Acetone		34.0	13	6.7	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		8.3	1.3	1.3	ug/kg	SW846 8260C

Summary of Hits

Page 2 of 2

Job Number: JC83637
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/27/19 thru 02/28/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Trichloroethene		41.8	1.3	1.0	ug/kg	SW846 8260C
JC83637-16	SAP63(8)					
Acetone		7.3 J	11	5.4	ug/kg	SW846 8260C
1,1-Dichloroethene		2.7	1.1	0.70	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		395	130	120	ug/kg	SW846 8260C
trans-1,2-Dichloroethene		5.3	1.1	0.71	ug/kg	SW846 8260C
Trichloroethene		5490	130	96	ug/kg	SW846 8260C
Vinyl chloride		9.7	2.1	0.50	ug/kg	SW846 8260C
JC83637-17	SAP63(12)					
Acetone		22.3	11	5.3	ug/kg	SW846 8260C
Vinyl chloride		45.7	2.1	0.50	ug/kg	SW846 8260C
JC83637-18	SAP63(16)					
Acetone		16.9	12	6.2	ug/kg	SW846 8260C
JC83637-21	AB-12B 24					
Acetone		17.1	12	6.0	ug/kg	SW846 8260C
JC83637-22	AB-12B 28					
Acetone		49.6	11	5.7	ug/kg	SW846 8260C

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SAP68(0)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-1	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	85.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162819.D	1	03/04/19 11:28	PS	n/a	n/a	V1C7155
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	59.0	11	5.3	ug/kg	
71-43-2	Benzene	ND	0.53	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.3	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.47	ug/kg	
75-25-2	Bromoform	ND	5.3	0.43	ug/kg	
74-83-9	Bromomethane	ND	5.3	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.58	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.73	ug/kg	
67-66-3	Chloroform	ND	2.1	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.3	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.71	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP68(0)
Lab Sample ID: JC83637-1
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19
Date Received: 03/01/19
Percent Solids: 85.6

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	0.53	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.74	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.3	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.3	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.3	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.61	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.49	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.81	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.72	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	0.59	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.67	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.50	ug/kg	
	m,p-Xylene	ND	1.1	0.79	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.62	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.62	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-127%
17060-07-0	1,2-Dichloroethane-D4	98%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	93%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP68(4)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-2	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	83.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162820.D	1	03/04/19 11:55	PS	n/a	n/a	V1C7155
Run #2							

Run #	Initial Weight
Run #1	5.6 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	70.4	11	5.4	ug/kg	
71-43-2	Benzene	ND	0.54	0.41	ug/kg	
108-86-1	Bromobenzene	ND	5.4	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.48	ug/kg	
75-25-2	Bromoform	ND	5.4	0.43	ug/kg	
74-83-9	Bromomethane	ND	5.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.74	ug/kg	
67-66-3	Chloroform	ND	2.2	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.90	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.72	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.44	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP68(4)
Lab Sample ID: JC83637-2
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19
Date Received: 03/01/19
Percent Solids: 83.0

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.75	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.35	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.4	0.37	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.34	ug/kg	
100-42-5	Styrene	ND	2.2	0.62	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.50	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.37	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.82	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.73	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	0.60	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.38	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.50	ug/kg	
	m,p-Xylene	ND	1.1	0.80	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.63	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.63	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-127%
17060-07-0	1,2-Dichloroethane-D4	98%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	92%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP68(8)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-3	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	80.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162821.D	1	03/04/19 12:22	PS	n/a	n/a	V1C7155
Run #2							

	Initial Weight
Run #1	6.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	37.1	9.8	4.9	ug/kg	
71-43-2	Benzene	ND	0.49	0.37	ug/kg	
108-86-1	Bromobenzene	ND	4.9	0.39	ug/kg	
74-97-5	Bromochloromethane	ND	4.9	0.42	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.43	ug/kg	
75-25-2	Bromoform	ND	4.9	0.39	ug/kg	
74-83-9	Bromomethane	ND	4.9	0.97	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.8	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.40	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.36	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.54	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	4.9	0.67	ug/kg	
67-66-3	Chloroform	ND	2.0	0.36	ug/kg	
74-87-3	Chloromethane	ND	4.9	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.37	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.55	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.82	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.98	0.32	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.98	0.30	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.98	0.35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.98	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.9	0.62	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.98	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.98	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.98	0.64	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.93	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.98	0.65	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.40	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.36	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP68(8)
Lab Sample ID: JC83637-3
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19
Date Received: 03/01/19
Percent Solids: 80.0

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.42	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.53	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	0.98	0.54	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.9	0.49	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.68	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.31	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.98	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.9	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.9	0.33	ug/kg	
75-09-2	Methylene chloride	ND	4.9	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.9	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.30	ug/kg	
100-42-5	Styrene	ND	2.0	0.56	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.56	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.45	ug/kg	
108-88-3	Toluene	ND	0.98	0.37	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	0.98	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.42	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.33	ug/kg	
79-01-6	Trichloroethene	ND	0.98	0.74	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.9	0.67	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.9	0.54	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.62	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.35	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.46	ug/kg	
	m,p-Xylene	ND	0.98	0.73	ug/kg	
95-47-6	o-Xylene	ND	0.98	0.57	ug/kg	
1330-20-7	Xylene (total)	ND	0.98	0.57	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	97%		75-130%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	92%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP68(12)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-4	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	79.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162822.D	1	03/04/19 12:49	PS	n/a	n/a	V1C7155
Run #2							

Run #	Initial Weight
Run #1	4.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	71.8	13	6.5	ug/kg	
71-43-2	Benzene	ND	0.65	0.49	ug/kg	
108-86-1	Bromobenzene	ND	6.5	0.51	ug/kg	
74-97-5	Bromochloromethane	ND	6.5	0.55	ug/kg	
75-27-4	Bromodichloromethane	ND	2.6	0.57	ug/kg	
75-25-2	Bromoform	ND	6.5	0.52	ug/kg	
74-83-9	Bromomethane	ND	6.5	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	4.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.6	0.53	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.6	0.47	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.6	0.45	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.6	0.71	ug/kg	
108-90-7	Chlorobenzene	ND	2.6	0.46	ug/kg	
75-00-3	Chloroethane	ND	6.5	0.89	ug/kg	
67-66-3	Chloroform	ND	2.6	0.48	ug/kg	
74-87-3	Chloromethane	ND	6.5	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.6	0.49	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.6	0.72	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	2.6	0.44	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.39	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.5	0.82	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.61	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.85	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.86	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.6	0.53	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.6	0.47	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP68(12)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-4	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	79.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.6	0.55	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.6	0.70	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.6	0.45	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.6	0.42	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.71	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.5	0.65	ug/kg	
98-82-8	Isopropylbenzene	ND	2.6	0.90	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.6	0.41	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.5	2.0	ug/kg	
74-95-3	Methylene bromide	ND	6.5	0.44	ug/kg	
75-09-2	Methylene chloride	ND	6.5	3.2	ug/kg	
91-20-3	Naphthalene	ND	6.5	2.6	ug/kg	
103-65-1	n-Propylbenzene	ND	2.6	0.40	ug/kg	
100-42-5	Styrene	ND	2.6	0.74	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.6	0.74	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.6	0.50	ug/kg	
127-18-4	Tetrachloroethene	ND	2.6	0.60	ug/kg	
108-88-3	Toluene	ND	1.3	0.49	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.5	1.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.5	1.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.6	0.55	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.6	0.44	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.98	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.5	0.88	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.5	0.72	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.82	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.46	ug/kg	
75-01-4	Vinyl chloride	ND	2.6	0.61	ug/kg	
	m,p-Xylene	ND	1.3	0.96	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.75	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.75	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		75-127%
17060-07-0	1,2-Dichloroethane-D4	94%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	93%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP68(16)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-5	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	74.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162823.D	1	03/04/19 13:16	PS	n/a	n/a	V1C7155
Run #2							

Run #	Initial Weight
Run #1	6.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	60.3	10	5.2	ug/kg	
71-43-2	Benzene	ND	0.52	0.39	ug/kg	
108-86-1	Bromobenzene	ND	5.2	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.2	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.46	ug/kg	
75-25-2	Bromoform	ND	5.2	0.42	ug/kg	
74-83-9	Bromomethane	ND	5.2	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.38	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.58	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.37	ug/kg	
75-00-3	Chloroethane	ND	5.2	0.72	ug/kg	
67-66-3	Chloroform	ND	2.1	0.39	ug/kg	
74-87-3	Chloromethane	ND	5.2	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.87	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.35	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.36	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.2	0.66	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.40	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.69	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.38	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP68(16)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-5	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	74.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.57	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.58	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.2	0.53	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.73	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.2	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.2	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.2	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.2	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.60	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.60	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.48	ug/kg	
108-88-3	Toluene	ND	1.0	0.39	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.80	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.2	0.71	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.2	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.66	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.49	ug/kg	
	m,p-Xylene	ND	1.0	0.78	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	96%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	91%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP69(0)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-8	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	84.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162824.D	1	03/04/19 13:43	PS	n/a	n/a	V1C7155
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	21.6	11	5.4	ug/kg	
71-43-2	Benzene	ND	0.54	0.41	ug/kg	
108-86-1	Bromobenzene	ND	5.4	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.48	ug/kg	
75-25-2	Bromoform	ND	5.4	0.43	ug/kg	
74-83-9	Bromomethane	ND	5.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.74	ug/kg	
67-66-3	Chloroform	ND	2.2	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.61	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.90	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.72	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.44	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.40	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP69(0)
Lab Sample ID: JC83637-8
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19
Date Received: 03/01/19
Percent Solids: 84.4

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.75	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.35	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.4	0.37	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.34	ug/kg	
100-42-5	Styrene	ND	2.2	0.62	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.50	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.37	ug/kg	
79-01-6	Trichloroethene	7.4	1.1	0.82	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.73	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	0.60	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.38	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.51	ug/kg	
	m,p-Xylene	ND	1.1	0.80	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.63	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.63	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	97%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	93%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP69(4)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-3	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	82.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162825.D	1	03/04/19 14:10	PS	n/a	n/a	V1C7155
Run #2							

Run #	Initial Weight
Run #1	6.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	43.6	10	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.1	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.1	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.1	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	5.1	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.85	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP69(4)
Lab Sample ID: JC83637-9
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19
Date Received: 03/01/19
Percent Solids: 82.4

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.1	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.1	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.1	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.32	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.35	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		75-127%
17060-07-0	1,2-Dichloroethane-D4	100%		75-130%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	92%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP69(8)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-10	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	79.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162826.D	1	03/04/19 14:37	PS	n/a	n/a	V1C7155
Run #2							

Run #	Initial Weight
Run #1	5.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	67.8	12	5.9	ug/kg	
71-43-2	Benzene	ND	0.59	0.45	ug/kg	
108-86-1	Bromobenzene	ND	5.9	0.47	ug/kg	
74-97-5	Bromochloromethane	ND	5.9	0.51	ug/kg	
75-27-4	Bromodichloromethane	ND	2.4	0.52	ug/kg	
75-25-2	Bromoform	ND	5.9	0.48	ug/kg	
74-83-9	Bromomethane	ND	5.9	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	4.4	ug/kg	
104-51-8	n-Butylbenzene	ND	2.4	0.48	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.4	0.43	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.4	0.42	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.4	0.65	ug/kg	
108-90-7	Chlorobenzene	ND	2.4	0.42	ug/kg	
75-00-3	Chloroethane	ND	5.9	0.81	ug/kg	
67-66-3	Chloroform	ND	2.4	0.44	ug/kg	
74-87-3	Chloromethane	ND	5.9	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.4	0.45	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.4	0.67	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.4	0.99	ug/kg	
124-48-1	Dibromochloromethane	ND	2.4	0.40	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.36	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.41	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.9	0.75	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.56	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.78	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.79	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.4	0.48	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.4	0.43	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP69(8)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-10	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	79.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.4	0.51	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.4	0.64	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	0.42	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	0.39	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.65	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.9	0.60	ug/kg	
98-82-8	Isopropylbenzene	ND	2.4	0.83	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.4	0.38	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.42	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.9	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.9	0.40	ug/kg	
75-09-2	Methylene chloride	ND	5.9	3.0	ug/kg	
91-20-3	Naphthalene	ND	5.9	2.4	ug/kg	
103-65-1	n-Propylbenzene	ND	2.4	0.37	ug/kg	
100-42-5	Styrene	ND	2.4	0.68	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.4	0.67	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	0.46	ug/kg	
127-18-4	Tetrachloroethene	ND	2.4	0.55	ug/kg	
108-88-3	Toluene	ND	1.2	0.45	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.9	1.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.9	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.4	0.50	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.4	0.40	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.90	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.9	0.81	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.9	0.66	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	0.75	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	0.42	ug/kg	
75-01-4	Vinyl chloride	ND	2.4	0.56	ug/kg	
	m,p-Xylene	ND	1.2	0.88	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.69	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.69	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	100%		75-130%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	93%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP69(12)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-11	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	77.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162827.D	1	03/04/19 15:04	PS	n/a	n/a	V1C7155
Run #2							

Run #	Initial Weight
Run #1	4.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	180	15	7.3	ug/kg	
71-43-2	Benzene	ND	0.73	0.55	ug/kg	
108-86-1	Bromobenzene	ND	7.3	0.58	ug/kg	
74-97-5	Bromochloromethane	ND	7.3	0.63	ug/kg	
75-27-4	Bromodichloromethane	ND	2.9	0.65	ug/kg	
75-25-2	Bromoform	ND	7.3	0.59	ug/kg	
74-83-9	Bromomethane	ND	7.3	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	15	5.5	ug/kg	
104-51-8	n-Butylbenzene	ND	2.9	0.60	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.9	0.53	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.9	0.51	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.9	0.81	ug/kg	
108-90-7	Chlorobenzene	ND	2.9	0.52	ug/kg	
75-00-3	Chloroethane	ND	7.3	1.0	ug/kg	
67-66-3	Chloroform	ND	2.9	0.54	ug/kg	
74-87-3	Chloromethane	ND	7.3	2.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.9	0.56	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.9	0.82	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	1.2	ug/kg	
124-48-1	Dibromochloromethane	ND	2.9	0.49	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	0.48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	0.45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	0.53	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	0.50	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.3	0.93	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.56	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.69	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.96	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	1.4	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.98	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.9	0.60	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.9	0.54	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP69(12)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-11	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	77.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.9	0.63	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.9	0.80	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.9	0.52	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.9	0.48	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.81	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.3	0.74	ug/kg	
98-82-8	Isopropylbenzene	ND	2.9	1.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.9	0.47	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.52	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.3	2.3	ug/kg	
74-95-3	Methylene bromide	ND	7.3	0.50	ug/kg	
75-09-2	Methylene chloride	ND	7.3	3.7	ug/kg	
91-20-3	Naphthalene	ND	7.3	2.9	ug/kg	
103-65-1	n-Propylbenzene	ND	2.9	0.46	ug/kg	
100-42-5	Styrene	ND	2.9	0.84	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.9	0.83	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.9	0.57	ug/kg	
127-18-4	Tetrachloroethene	ND	2.9	0.68	ug/kg	
108-88-3	Toluene	ND	1.5	0.55	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.3	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.3	1.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.9	0.62	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.9	0.50	ug/kg	
79-01-6	Trichloroethene	ND	1.5	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.3	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.3	0.81	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.9	0.93	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.9	0.52	ug/kg	
75-01-4	Vinyl chloride	ND	2.9	0.69	ug/kg	
	m,p-Xylene	ND	1.5	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.5	0.85	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	0.85	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		75-127%
17060-07-0	1,2-Dichloroethane-D4	100%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	92%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP69(16)	Date Sampled:	02/27/19
Lab Sample ID:	JC83637-12	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	74.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162828.D	1	03/04/19 15:31	PS	n/a	n/a	V1C7155
Run #2							

Run #	Initial Weight
Run #1	5.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	40.3	12	6.2	ug/kg	
71-43-2	Benzene	ND	0.62	0.47	ug/kg	
108-86-1	Bromobenzene	ND	6.2	0.49	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.54	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.55	ug/kg	
75-25-2	Bromoform	ND	6.2	0.50	ug/kg	
74-83-9	Bromomethane	ND	6.2	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	4.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.5	0.51	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.5	0.45	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.5	0.44	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	0.69	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.44	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.86	ug/kg	
67-66-3	Chloroform	ND	2.5	0.46	ug/kg	
74-87-3	Chloromethane	ND	6.2	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.5	0.47	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.5	0.70	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.42	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.38	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.43	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	0.79	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.59	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.82	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.83	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.51	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.5	0.46	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP69(16)
Lab Sample ID: JC83637-12
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19
Date Received: 03/01/19
Percent Solids: 74.3

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.5	0.53	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.5	0.68	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.44	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.41	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.69	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	0.63	ug/kg	
98-82-8	Isopropylbenzene	ND	2.5	0.87	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.5	0.40	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	1.9	ug/kg	
74-95-3	Methylene bromide	ND	6.2	0.42	ug/kg	
75-09-2	Methylene chloride	ND	6.2	3.1	ug/kg	
91-20-3	Naphthalene	ND	6.2	2.5	ug/kg	
103-65-1	n-Propylbenzene	ND	2.5	0.39	ug/kg	
100-42-5	Styrene	ND	2.5	0.72	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.71	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.49	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	0.58	ug/kg	
108-88-3	Toluene	ND	1.2	0.47	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	1.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.53	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.43	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.95	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	0.85	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	0.69	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.79	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.44	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.58	ug/kg	
	m,p-Xylene	ND	1.2	0.93	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.73	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.73	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-127%
17060-07-0	1,2-Dichloroethane-D4	97%		75-130%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	92%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP63(4)						
Lab Sample ID:	JC83637-15					Date Sampled:	02/28/19
Matrix:	SO - Soil					Date Received:	03/01/19
Method:	SW846 8260C					Percent Solids:	82.5
Project:	GE, 13th Street, Tell City, IN						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162834.D	1	03/04/19 18:33	PS	n/a	n/a	V1C7155
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	34.0	13	6.7	ug/kg	
71-43-2	Benzene	ND	0.67	0.51	ug/kg	
108-86-1	Bromobenzene	ND	6.7	0.53	ug/kg	
74-97-5	Bromochloromethane	ND	6.7	0.58	ug/kg	
75-27-4	Bromodichloromethane	ND	2.7	0.60	ug/kg	
75-25-2	Bromoform	ND	6.7	0.54	ug/kg	
74-83-9	Bromomethane	ND	6.7	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	5.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.7	0.55	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.7	0.49	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.7	0.47	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.7	0.74	ug/kg	
108-90-7	Chlorobenzene	ND	2.7	0.48	ug/kg	
75-00-3	Chloroethane	ND	6.7	0.93	ug/kg	
67-66-3	Chloroform	ND	2.7	0.50	ug/kg	
74-87-3	Chloromethane	ND	6.7	2.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.7	0.51	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.7	0.76	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	2.7	0.46	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.44	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.41	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.46	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.7	0.86	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.52	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.63	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.88	ug/kg	
156-59-2	cis-1,2-Dichloroethene	8.3	1.3	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.90	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.7	0.55	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.7	0.49	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP63(4)	Date Sampled:	02/28/19
Lab Sample ID:	JC83637-15	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	82.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.7	0.58	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.7	0.73	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.7	0.47	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.7	0.44	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.74	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.7	0.68	ug/kg	
98-82-8	Isopropylbenzene	ND	2.7	0.94	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.7	0.43	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.47	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.7	2.1	ug/kg	
74-95-3	Methylene bromide	ND	6.7	0.46	ug/kg	
75-09-2	Methylene chloride	ND	6.7	3.4	ug/kg	
91-20-3	Naphthalene	ND	6.7	2.7	ug/kg	
103-65-1	n-Propylbenzene	ND	2.7	0.42	ug/kg	
100-42-5	Styrene	ND	2.7	0.77	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.7	0.77	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.7	0.53	ug/kg	
127-18-4	Tetrachloroethene	ND	2.7	0.62	ug/kg	
108-88-3	Toluene	ND	1.3	0.51	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.7	1.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.7	1.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.7	0.57	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.7	0.46	ug/kg	
79-01-6	Trichloroethene	41.8	1.3	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.7	0.92	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.7	0.75	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.7	0.86	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.7	0.48	ug/kg	
75-01-4	Vinyl chloride	ND	2.7	0.63	ug/kg	
	m,p-Xylene	ND	1.3	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.79	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.79	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	98%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	92%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP63(8)		
Lab Sample ID:	JC83637-16	Date Sampled:	02/28/19
Matrix:	SO - Soil	Date Received:	03/01/19
Method:	SW846 8260C	Percent Solids:	76.6
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162835.D	1	03/04/19 19:00	PS	n/a	n/a	V1C7155
Run #2	D262889.D	1	03/08/19 13:29	TDN	n/a	n/a	VD10602

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.1 g		
Run #2	5.9 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	7.3	11	5.4	ug/kg	J
71-43-2	Benzene	ND	0.54	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.4	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.47	ug/kg	
75-25-2	Bromoform	ND	5.4	0.43	ug/kg	
74-83-9	Bromomethane	ND	5.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.74	ug/kg	
67-66-3	Chloroform	ND	2.1	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	2.7	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	395 ^a	130	120	ug/kg	
156-60-5	trans-1,2-Dichloroethene	5.3	1.1	0.71	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.44	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP63(8)	Date Sampled:	02/28/19
Lab Sample ID:	JC83637-16	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	76.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.75	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.4	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.62	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.49	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.37	ug/kg	
79-01-6	Trichloroethene	5490 ^a	130	96	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.73	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	0.59	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	9.7	2.1	0.50	ug/kg	
	m,p-Xylene	ND	1.1	0.80	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.62	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.62	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	96%	75-127%
17060-07-0	1,2-Dichloroethane-D4	97%	113%	75-130%
2037-26-5	Toluene-D8	96%	101%	80-120%
460-00-4	4-Bromofluorobenzene	94%	100%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP63(8)	Date Sampled:	02/28/19
Lab Sample ID:	JC83637-16	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	76.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP63(12)		
Lab Sample ID:	JC83637-17	Date Sampled:	02/28/19
Matrix:	SO - Soil	Date Received:	03/01/19
Method:	SW846 8260C	Percent Solids:	79.6
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162861.D	1	03/05/19 17:44	PS	n/a	n/a	V1C7156
Run #2							

Run #	Initial Weight
Run #1	5.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	22.3	11	5.3	ug/kg	
71-43-2	Benzene	ND	0.53	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.3	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.47	ug/kg	
75-25-2	Bromoform	ND	5.3	0.43	ug/kg	
74-83-9	Bromomethane	ND	5.3	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.73	ug/kg	
67-66-3	Chloroform	ND	2.1	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.3	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.71	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP63(12)	Date Sampled:	02/28/19
Lab Sample ID:	JC83637-17	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	79.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.74	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.3	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.3	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.3	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.61	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.49	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.81	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.73	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	0.59	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	45.7	2.1	0.50	ug/kg	
	m,p-Xylene	ND	1.1	0.79	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.62	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.62	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		75-127%
17060-07-0	1,2-Dichloroethane-D4	96%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	96%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP63(16)						
Lab Sample ID:	JC83637-18					Date Sampled:	02/28/19
Matrix:	SO - Soil					Date Received:	03/01/19
Method:	SW846 8260C					Percent Solids:	73.7
Project:	GE, 13th Street, Tell City, IN						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162862.D	1	03/05/19 18:12	PS	n/a	n/a	V1C7156
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	16.9	12	6.2	ug/kg	
71-43-2	Benzene	ND	0.62	0.47	ug/kg	
108-86-1	Bromobenzene	ND	6.2	0.49	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.53	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.55	ug/kg	
75-25-2	Bromoform	ND	6.2	0.50	ug/kg	
74-83-9	Bromomethane	ND	6.2	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	4.6	ug/kg	
104-51-8	n-Butylbenzene	ND	2.5	0.50	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.5	0.45	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.5	0.43	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	0.68	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.44	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.85	ug/kg	
67-66-3	Chloroform	ND	2.5	0.46	ug/kg	
74-87-3	Chloromethane	ND	6.2	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.5	0.47	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.5	0.69	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.42	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.38	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.42	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	0.78	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.47	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.58	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.81	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.82	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.50	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.5	0.45	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP63(16)	Date Sampled:	02/28/19
Lab Sample ID:	JC83637-18	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	73.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.5	0.53	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.5	0.67	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.43	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.40	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.68	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	0.62	ug/kg	
98-82-8	Isopropylbenzene	ND	2.5	0.86	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.5	0.40	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.43	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	1.9	ug/kg	
74-95-3	Methylene bromide	ND	6.2	0.42	ug/kg	
75-09-2	Methylene chloride	ND	6.2	3.1	ug/kg	
91-20-3	Naphthalene	ND	6.2	2.5	ug/kg	
103-65-1	n-Propylbenzene	ND	2.5	0.38	ug/kg	
100-42-5	Styrene	ND	2.5	0.71	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.48	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	0.57	ug/kg	
108-88-3	Toluene	ND	1.2	0.46	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	1.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.53	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.42	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.94	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	0.84	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	0.68	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.78	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.44	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.58	ug/kg	
	m,p-Xylene	ND	1.2	0.92	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.72	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.72	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		75-127%
17060-07-0	1,2-Dichloroethane-D4	96%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	96%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AB-12B 24	Date Sampled:	02/28/19
Lab Sample ID:	JC83637-21	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	77.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162838.D	1	03/04/19 20:21	PS	n/a	n/a	V1C7155
Run #2							

Run #	Initial Weight
Run #1	5.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	17.1	12	6.0	ug/kg	
71-43-2	Benzene	ND	0.60	0.45	ug/kg	
108-86-1	Bromobenzene	ND	6.0	0.47	ug/kg	
74-97-5	Bromochloromethane	ND	6.0	0.51	ug/kg	
75-27-4	Bromodichloromethane	ND	2.4	0.53	ug/kg	
75-25-2	Bromoform	ND	6.0	0.48	ug/kg	
74-83-9	Bromomethane	ND	6.0	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	4.5	ug/kg	
104-51-8	n-Butylbenzene	ND	2.4	0.49	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.4	0.43	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.4	0.42	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.4	0.66	ug/kg	
108-90-7	Chlorobenzene	ND	2.4	0.42	ug/kg	
75-00-3	Chloroethane	ND	6.0	0.82	ug/kg	
67-66-3	Chloroform	ND	2.4	0.44	ug/kg	
74-87-3	Chloromethane	ND	6.0	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.4	0.45	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.4	0.67	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.4	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.4	0.40	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.36	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.41	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.0	0.76	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.56	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.78	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.79	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.4	0.49	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.4	0.44	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: AB-12B 24
Lab Sample ID: JC83637-21
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/01/19
Percent Solids: 77.7

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.4	0.51	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.4	0.65	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	0.42	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	0.39	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.66	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.0	0.60	ug/kg	
98-82-8	Isopropylbenzene	ND	2.4	0.83	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.4	0.38	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.42	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.0	1.9	ug/kg	
74-95-3	Methylene bromide	ND	6.0	0.41	ug/kg	
75-09-2	Methylene chloride	ND	6.0	3.0	ug/kg	
91-20-3	Naphthalene	ND	6.0	2.4	ug/kg	
103-65-1	n-Propylbenzene	ND	2.4	0.37	ug/kg	
100-42-5	Styrene	ND	2.4	0.69	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.4	0.68	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	0.46	ug/kg	
127-18-4	Tetrachloroethene	ND	2.4	0.55	ug/kg	
108-88-3	Toluene	ND	1.2	0.45	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.0	1.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.4	0.51	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.4	0.41	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.91	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.0	0.81	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.0	0.66	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	0.76	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	0.43	ug/kg	
75-01-4	Vinyl chloride	ND	2.4	0.56	ug/kg	
	m,p-Xylene	ND	1.2	0.89	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.69	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.69	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	97%		75-130%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AB-12B 28	Date Sampled:	02/28/19
Lab Sample ID:	JC83637-22	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	81.8
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162839.D	1	03/04/19 20:48	PS	n/a	n/a	V1C7155
Run #2							

Run #	Initial Weight
Run #1	5.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	49.6	11	5.7	ug/kg	
71-43-2	Benzene	ND	0.57	0.43	ug/kg	
108-86-1	Bromobenzene	ND	5.7	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.50	ug/kg	
75-25-2	Bromoform	ND	5.7	0.46	ug/kg	
74-83-9	Bromomethane	ND	5.7	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	0.46	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	0.41	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	0.40	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.62	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.40	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.78	ug/kg	
67-66-3	Chloroform	ND	2.3	0.42	ug/kg	
74-87-3	Chloromethane	ND	5.7	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.3	0.43	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.3	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.95	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.38	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.72	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.74	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.76	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.46	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.3	0.42	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AB-12B 28	Date Sampled:	02/28/19
Lab Sample ID:	JC83637-22	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	81.8
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.3	0.49	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.3	0.61	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.40	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.37	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.62	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	0.57	ug/kg	
98-82-8	Isopropylbenzene	ND	2.3	0.79	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.3	0.36	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.7	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.7	0.38	ug/kg	
75-09-2	Methylene chloride	ND	5.7	2.8	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.3	0.35	ug/kg	
100-42-5	Styrene	ND	2.3	0.65	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.3	0.65	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.44	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.52	ug/kg	
108-88-3	Toluene	ND	1.1	0.43	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.39	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.86	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.77	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	0.63	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.72	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.40	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.53	ug/kg	
	m,p-Xylene	ND	1.1	0.84	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.66	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.66	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	97%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	94%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

PAGE ___ OF ___

2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking # 46360061 3390
Accutest Quote #
Bottle Order Control # ER-022119-168
Accutest Job # JC 83637

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)										Matrix Codes	
Company Name Arcadis		Project Name GE Tell City												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipes FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank	
Street Address 150 W. Market, Suite 728		Street													
City Indianapolis, IN 46204		City													
Project Contact Daniel.Petzold@arcadis.com		Project # ALL00911.0017													
Phone # 317-709-0081		Client Purchase Order #													
Sample(s) Name(s) K1111111 3177524636		Project Manager Jon Akin													
Field ID / Point of Collection		MEQHD/Vol #													
Date		Time													
Sampled by		Matrix													
# of bottles															
HCT															
HNO3															
H2SO4															
NONE															
DI Water															
MEOH															
ENCORE															
LAB USE ONLY															
Turnaround Time (Business Days)															
Approved By (Accutest PM) / Date:															
<input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> other															
Emergency & Rush T/A data available VIA Lablink															
Data Deliverable Information															
<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> FULLT1 (Level 3+4) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Commercial "C"															
<input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDC Format <input type="checkbox"/> Other															
Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data															
Comments / Special Instructions															
INITIAL ASSESSMENT															
LABEL VERIFICATION															
Sample Custody must be documented below each time samples change possession, including courier delivery.															
Relinquished By: [Signature]		Date Time: 2-28-19 1:00													
Received By: 1 [Signature]		Date Time: 3/1/19 09:12													
Relinquished By: 2 [Signature]		Date Time: 3/1/19 09:12													
Received By: 3 [Signature]		Date Time: 3/1/19 09:12													
Relinquished By: 4 [Signature]		Date Time: 3/1/19 09:12													
Received By: 5 [Signature]		Date Time: 3/1/19 09:12													
Custody Seal #															
<input type="checkbox"/> Intact <input type="checkbox"/> Not intact															
Preserved where applicable															
On Ice															
Cooler Temp. 3.8°C 56															

JC83637: Chain of Custody

Page 1 of 4

2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

ACCUTEST LABORATORIES		2235 Route 130, Dayton, NJ 08810 TEL: 732-329-0200 FAX: 732-329-3499/3480 www.acctest.com		FED-EX Tracking # _____ Accutest Quote # _____		Bottle Order Control # _____ Accutest Job # JL83637																																																																																																																																																																																																																																																																											
Client / Reporting Information Company Name: Arcadis Street Address: 150 W. Market, Suite 728 City: Indianapolis, IN 46204 Project Contact: Daniel.Petzold@arcadis.com Phone #: 317-709-0081 Fax #: _____		Project Information Project Name: GE Tell City Street: _____ Billing Information (if different from Report to) Company Name: _____ Project #: ALL00911.0017 Client Purchase Order #: _____ Project Manager: Jon Akin Attention: _____		Requested Analysis (see TEST CODE sheet) <div style="float: right; width: 150px;">Matrix Codes</div> <div style="clear: both;"></div> <div style="position: relative; height: 300px;"> VOCs (8260) <!-- Matrix Content --> </div> <div style="font-size: small; margin-top: 5px;"> DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED-Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank </div>		LAB USE ONLY																																																																																																																																																																																																																																																																											
Sample ID(s) Name(s): K Atell 3177524636 Phone #: _____		Collection Data Table: <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th rowspan="2">Accutest Sample #</th> <th rowspan="2">Field ID / Point of Collection</th> <th rowspan="2">MECH/DI Val #</th> <th colspan="2">Collection</th> <th rowspan="2">Sampled by</th> <th rowspan="2">Matrix</th> <th rowspan="2"># of bottles</th> <th colspan="10">Number of preserved Bottles</th> </tr> <tr> <th>Date</th> <th>Time</th> <th>HCl</th> <th>NOH</th> <th>HN03</th> <th>H2SO4</th> <th>NH0LE</th> <th>DI Water</th> <th>MEDH</th> <th>PAC/CAP</th> </tr> </thead> <tbody> <tr><td>13</td><td>SAP 63(20) hold</td><td></td><td>2-27-14</td><td>16:55</td><td>K</td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></tr> <tr><td>14</td><td>SAP 63(24) hold</td><td></td><td>2-27-14</td><td>17:00</td><td>K</td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></tr> <tr><td>15</td><td>SAP 63(4)</td><td></td><td>2-28-14</td><td>8:25</td><td>DP</td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></tr> <tr><td>16</td><td>SAP 63(8)</td><td></td><td>2-28-14</td><td>8:35</td><td></td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></tr> <tr><td>17</td><td>SAP 63(12)</td><td></td><td>2-28-14</td><td>8:40</td><td></td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></tr> <tr><td>18</td><td>SAP 63(16)</td><td></td><td>2-28-14</td><td>8:45</td><td></td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></tr> <tr><td>19</td><td>SAP 63(20) Hold</td><td></td><td>2-28-14</td><td>8:50</td><td></td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></tr> <tr><td>20</td><td>SAP 63(24) Hold</td><td></td><td>2-28-14</td><td>8:55</td><td></td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></tr> <tr><td>21</td><td>AB-12B 24</td><td></td><td>2-28-14</td><td>12:00</td><td></td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></tr> <tr><td>22</td><td>AB-12B 28</td><td></td><td>2-28-14</td><td>12:15</td><td></td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>SO</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		Accutest Sample #	Field ID / Point of Collection	MECH/DI Val #	Collection		Sampled by	Matrix	# of bottles	Number of preserved Bottles										Date	Time	HCl	NOH	HN03	H2SO4	NH0LE	DI Water	MEDH	PAC/CAP	13	SAP 63(20) hold		2-27-14	16:55	K	SO	4											X		14	SAP 63(24) hold		2-27-14	17:00	K	SO	4											X		15	SAP 63(4)		2-28-14	8:25	DP	SO	4											X		16	SAP 63(8)		2-28-14	8:35		SO	4											X		17	SAP 63(12)		2-28-14	8:40		SO	4											X		18	SAP 63(16)		2-28-14	8:45		SO	4											X		19	SAP 63(20) Hold		2-28-14	8:50		SO	4											X		20	SAP 63(24) Hold		2-28-14	8:55		SO	4											X		21	AB-12B 24		2-28-14	12:00		SO	4											X		22	AB-12B 28		2-28-14	12:15		SO	4											X								SO	4																			SO	4													Turnaround Time (Business days): _____ Data Deliverable Information: _____ Comments / Special Instructions: _____	
Accutest Sample #	Field ID / Point of Collection	MECH/DI Val #	Collection				Sampled by	Matrix				# of bottles	Number of preserved Bottles																																																																																																																																																																																																																																																																				
			Date	Time	HCl	NOH			HN03	H2SO4	NH0LE		DI Water	MEDH	PAC/CAP																																																																																																																																																																																																																																																																		
13	SAP 63(20) hold		2-27-14	16:55	K	SO	4											X																																																																																																																																																																																																																																																															
14	SAP 63(24) hold		2-27-14	17:00	K	SO	4											X																																																																																																																																																																																																																																																															
15	SAP 63(4)		2-28-14	8:25	DP	SO	4											X																																																																																																																																																																																																																																																															
16	SAP 63(8)		2-28-14	8:35		SO	4											X																																																																																																																																																																																																																																																															
17	SAP 63(12)		2-28-14	8:40		SO	4											X																																																																																																																																																																																																																																																															
18	SAP 63(16)		2-28-14	8:45		SO	4											X																																																																																																																																																																																																																																																															
19	SAP 63(20) Hold		2-28-14	8:50		SO	4											X																																																																																																																																																																																																																																																															
20	SAP 63(24) Hold		2-28-14	8:55		SO	4											X																																																																																																																																																																																																																																																															
21	AB-12B 24		2-28-14	12:00		SO	4											X																																																																																																																																																																																																																																																															
22	AB-12B 28		2-28-14	12:15		SO	4											X																																																																																																																																																																																																																																																															
						SO	4																																																																																																																																																																																																																																																																										
						SO	4																																																																																																																																																																																																																																																																										
Approved By (Accutest PM) / Date: _____ <input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> other _____ <small>Emergency & Rush T/A data available VIA Lablink</small>		Commercial "A" = Results Only Commercial "B" = Results + QC Summary FULLT1 (Level 3+4) NJ Reduced = Results + QC Summary + Partial Raw data Commercial "C" <input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> FullT1 (Level 3+4) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other _____		Sample Custody must be documented below each time samples change possession, including courier delivery. <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr> <td>Relinquished by Sampler: [Signature]</td> <td>Date Time: 2-28-14 1:00</td> <td>Received By: [Signature]</td> <td>Date Time: 2-28-14 1:00</td> </tr> <tr> <td>Relinquished by Sampler:</td> <td>Date Time:</td> <td>Received By:</td> <td>Date Time:</td> </tr> <tr> <td>Relinquished by:</td> <td>Date Time:</td> <td>Received By:</td> <td>Date Time:</td> </tr> </table>		Relinquished by Sampler: [Signature]	Date Time: 2-28-14 1:00	Received By: [Signature]	Date Time: 2-28-14 1:00	Relinquished by Sampler:	Date Time:	Received By:	Date Time:	Relinquished by:	Date Time:	Received By:	Date Time:																																																																																																																																																																																																																																																																
Relinquished by Sampler: [Signature]	Date Time: 2-28-14 1:00	Received By: [Signature]	Date Time: 2-28-14 1:00																																																																																																																																																																																																																																																																														
Relinquished by Sampler:	Date Time:	Received By:	Date Time:																																																																																																																																																																																																																																																																														
Relinquished by:	Date Time:	Received By:	Date Time:																																																																																																																																																																																																																																																																														

JC83637: Chain of Custody

Page 2 of 4

SGS Sample Receipt Summary

Job Number: JC83637

Client: ARCADIS

Project: GE, 13TH STREET, TELL CITY, IN

Date / Time Received: 3/1/2019 9:30:00 AM

Delivery Method: FedEx

Airbill #s:
Cooler Temps (Raw Measured) °C: Cooler 1: (2.8);

Cooler Temps (Corrected) °C: Cooler 1: (1.9);

Cooler Security
Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

Y or N

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK: ☒ ☐

Cooler Temperature
Y or N

1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: IR Gun
3. Cooler media: Ice (Bag)
4. No. Coolers: 1

Quality Control Preservation
Y or N
N/A

1. Trip Blank present / cooler: ☐ ☒ ☐
2. Trip Blank listed on COC: ☐ ☒ ☐
3. Samples preserved properly: ☒ ☐
4. VOCs headspace free: ☐ ☐ ☒

Sample Integrity - Documentation
Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☐ ☒
3. Sample container label / COC agree: ☐ ☒

Sample Integrity - Condition
Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions
Y or N
N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Test Strip Lot #s:

pH 1-12: 206717

pH 12+: 208717

Other: (Specify)

Comments -1 thru -22: No ID, date or time on soil field kit vials. Set up according to tag that was included in plastic bag.

-15 thru -22: No ID, date or time on intact soil jars. Set up according to tag that was included in plastic bag.

SM089-03
Rev. Date 12/7/17

JC83637: Chain of Custody
Page 3 of 4

Response:

Response: Proceed with analysis

MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 3

Job Number: JC83637**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7155-MB	1C162818.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83637-1, JC83637-2, JC83637-3, JC83637-4, JC83637-5, JC83637-8, JC83637-9, JC83637-10, JC83637-11, JC83637-12, JC83637-15, JC83637-16, JC83637-21, JC83637-22

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83637**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7155-MB	1C162818.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83637-1, JC83637-2, JC83637-3, JC83637-4, JC83637-5, JC83637-8, JC83637-9, JC83637-10, JC83637-11, JC83637-12, JC83637-15, JC83637-16, JC83637-21, JC83637-22

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 75-127%
17060-07-0	1,2-Dichloroethane-D4	92% 75-130%
2037-26-5	Toluene-D8	96% 80-120%
460-00-4	4-Bromofluorobenzene	92% 79-127%

Method Blank Summary

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7155-MB	1C162818.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method:

JC83637-1, JC83637-2, JC83637-3, JC83637-4, JC83637-5, JC83637-8, JC83637-9, JC83637-10, JC83637-11, JC83637-12, JC83637-15, JC83637-16, JC83637-21, JC83637-22

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 3

Job Number: JC83637**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7156-MB	1C162847.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83637-17, JC83637-18

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83637**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7156-MB	1C162847.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83637-17, JC83637-18

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	93% 75-127%
17060-07-0	1,2-Dichloroethane-D4	87% 75-130%
2037-26-5	Toluene-D8	98% 80-120%
460-00-4	4-Bromofluorobenzene	93% 79-127%

Method Blank Summary

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7156-MB	1C162847.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples: Method:

JC83637-17, JC83637-18

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 1

Job Number: JC83637

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10602-MB	D262883.D	1	03/08/19	TDN	n/a	n/a	VD10602

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-16

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	50	48	ug/kg	
79-01-6	Trichloroethene	ND	50	38	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	99% 75-127%
17060-07-0	1,2-Dichloroethane-D4	116% 75-130%
2037-26-5	Toluene-D8	101% 80-120%
460-00-4	4-Bromofluorobenzene	102% 79-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Page 1 of 2

Job Number: JC83637**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7155-BS	1C162816.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83637-1, JC83637-2, JC83637-3, JC83637-4, JC83637-5, JC83637-8, JC83637-9, JC83637-10, JC83637-11, JC83637-12, JC83637-15, JC83637-16, JC83637-21, JC83637-22

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	207	104	48-149
71-43-2	Benzene	50	45.5	91	74-117
108-86-1	Bromobenzene	50	45.1	90	77-117
74-97-5	Bromochloromethane	50	49.0	98	82-121
75-27-4	Bromodichloromethane	50	46.9	94	78-119
75-25-2	Bromoform	50	50.4	101	76-130
74-83-9	Bromomethane	50	44.4	89	58-137
78-93-3	2-Butanone (MEK)	200	203	102	65-143
104-51-8	n-Butylbenzene	50	44.5	89	74-123
135-98-8	sec-Butylbenzene	50	44.9	90	74-123
98-06-6	tert-Butylbenzene	50	46.6	93	73-124
56-23-5	Carbon tetrachloride	50	48.6	97	69-136
108-90-7	Chlorobenzene	50	47.3	95	79-117
75-00-3	Chloroethane	50	45.7	91	62-139
67-66-3	Chloroform	50	45.1	90	76-119
74-87-3	Chloromethane	50	44.1	88	52-144
95-49-8	o-Chlorotoluene	50	44.7	89	77-118
106-43-4	p-Chlorotoluene	50	44.0	88	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	49.7	99	72-124
124-48-1	Dibromochloromethane	50	49.6	99	78-122
106-93-4	1,2-Dibromoethane	50	51.7	103	80-116
95-50-1	1,2-Dichlorobenzene	50	46.0	92	77-117
541-73-1	1,3-Dichlorobenzene	50	45.4	91	75-117
106-46-7	1,4-Dichlorobenzene	50	45.0	90	76-115
75-71-8	Dichlorodifluoromethane	50	42.5	85	43-156
75-34-3	1,1-Dichloroethane	50	43.8	88	75-124
107-06-2	1,2-Dichloroethane	50	45.4	91	74-124
75-35-4	1,1-Dichloroethene	50	44.6	89	64-129
156-59-2	cis-1,2-Dichloroethene	50	43.8	88	74-118
156-60-5	trans-1,2-Dichloroethene	50	45.2	90	71-125
78-87-5	1,2-Dichloropropane	50	44.1	88	80-119
142-28-9	1,3-Dichloropropane	50	45.5	91	79-115
594-20-7	2,2-Dichloropropane	50	46.1	92	66-130
563-58-6	1,1-Dichloropropene	50	44.6	89	74-124
10061-01-5	cis-1,3-Dichloropropene	50	46.5	93	80-119
10061-02-6	trans-1,3-Dichloropropene	50	47.5	95	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83637

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7155-BS	1C162816.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-1, JC83637-2, JC83637-3, JC83637-4, JC83637-5, JC83637-8, JC83637-9, JC83637-10, JC83637-11, JC83637-12, JC83637-15, JC83637-16, JC83637-21, JC83637-22

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	45.6	91	75-118
87-68-3	Hexachlorobutadiene	50	45.6	91	64-133
98-82-8	Isopropylbenzene	50	46.1	92	74-122
99-87-6	p-Isopropyltoluene	50	46.4	93	74-121
1634-04-4	Methyl Tert Butyl Ether	50	46.7	93	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	193	97	73-136
74-95-3	Methylene bromide	50	46.8	94	82-120
75-09-2	Methylene chloride	50	45.7	91	73-120
91-20-3	Naphthalene	50	46.0	92	71-130
103-65-1	n-Propylbenzene	50	43.9	88	75-120
100-42-5	Styrene	50	46.6	93	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	47.9	96	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	46.4	93	72-120
127-18-4	Tetrachloroethene	50	50.0	100	69-128
108-88-3	Toluene	50	46.6	93	74-117
87-61-6	1,2,3-Trichlorobenzene	50	45.8	92	72-133
120-82-1	1,2,4-Trichlorobenzene	50	45.8	92	73-132
71-55-6	1,1,1-Trichloroethane	50	46.5	93	73-131
79-00-5	1,1,2-Trichloroethane	50	46.0	92	79-117
79-01-6	Trichloroethene	50	50.0	100	80-120
75-69-4	Trichlorofluoromethane	50	44.9	90	63-141
96-18-4	1,2,3-Trichloropropane	50	45.6	91	77-121
95-63-6	1,2,4-Trimethylbenzene	50	45.1	90	76-119
108-67-8	1,3,5-Trimethylbenzene	50	45.1	90	74-119
75-01-4	Vinyl chloride	50	44.6	89	55-145
	m,p-Xylene	100	91.9	92	75-120
95-47-6	o-Xylene	50	46.4	93	75-119
1330-20-7	Xylene (total)	150	138	92	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	94%	75-127%
17060-07-0	1,2-Dichloroethane-D4	90%	75-130%
2037-26-5	Toluene-D8	96%	80-120%
460-00-4	4-Bromofluorobenzene	94%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC83637

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7156-BS	1C162845.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-17, JC83637-18

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	227	114	48-149
71-43-2	Benzene	50	50.5	101	74-117
108-86-1	Bromobenzene	50	50.1	100	77-117
74-97-5	Bromochloromethane	50	55.9	112	82-121
75-27-4	Bromodichloromethane	50	51.8	104	78-119
75-25-2	Bromoform	50	55.8	112	76-130
74-83-9	Bromomethane	50	49.7	99	58-137
78-93-3	2-Butanone (MEK)	200	227	114	65-143
104-51-8	n-Butylbenzene	50	48.9	98	74-123
135-98-8	sec-Butylbenzene	50	49.3	99	74-123
98-06-6	tert-Butylbenzene	50	51.1	102	73-124
56-23-5	Carbon tetrachloride	50	55.2	110	69-136
108-90-7	Chlorobenzene	50	52.1	104	79-117
75-00-3	Chloroethane	50	51.0	102	62-139
67-66-3	Chloroform	50	50.9	102	76-119
74-87-3	Chloromethane	50	48.3	97	52-144
95-49-8	o-Chlorotoluene	50	49.0	98	77-118
106-43-4	p-Chlorotoluene	50	48.1	96	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	52.7	105	72-124
124-48-1	Dibromochloromethane	50	56.1	112	78-122
106-93-4	1,2-Dibromoethane	50	57.6	115	80-116
95-50-1	1,2-Dichlorobenzene	50	51.1	102	77-117
541-73-1	1,3-Dichlorobenzene	50	49.8	100	75-117
106-46-7	1,4-Dichlorobenzene	50	49.6	99	76-115
75-71-8	Dichlorodifluoromethane	50	46.3	93	43-156
75-34-3	1,1-Dichloroethane	50	49.2	98	75-124
107-06-2	1,2-Dichloroethane	50	50.7	101	74-124
75-35-4	1,1-Dichloroethene	50	50.2	100	64-129
156-59-2	cis-1,2-Dichloroethene	50	49.4	99	74-118
156-60-5	trans-1,2-Dichloroethene	50	50.3	101	71-125
78-87-5	1,2-Dichloropropane	50	49.0	98	80-119
142-28-9	1,3-Dichloropropane	50	51.3	103	79-115
594-20-7	2,2-Dichloropropane	50	51.2	102	66-130
563-58-6	1,1-Dichloropropene	50	50.0	100	74-124
10061-01-5	cis-1,3-Dichloropropene	50	52.5	105	80-119
10061-02-6	trans-1,3-Dichloropropene	50	53.3	107	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83637**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7156-BS	1C162845.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83637-17, JC83637-18

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	50.2	100	75-118
87-68-3	Hexachlorobutadiene	50	49.0	98	64-133
98-82-8	Isopropylbenzene	50	50.5	101	74-122
99-87-6	p-Isopropyltoluene	50	50.4	101	74-121
1634-04-4	Methyl Tert Butyl Ether	50	53.6	107	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	215	108	73-136
74-95-3	Methylene bromide	50	52.4	105	82-120
75-09-2	Methylene chloride	50	52.3	105	73-120
91-20-3	Naphthalene	50	50.8	102	71-130
103-65-1	n-Propylbenzene	50	49.0	98	75-120
100-42-5	Styrene	50	51.8	104	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	53.4	107	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	51.5	103	72-120
127-18-4	Tetrachloroethene	50	56.1	112	69-128
108-88-3	Toluene	50	52.2	104	74-117
87-61-6	1,2,3-Trichlorobenzene	50	50.1	100	72-133
120-82-1	1,2,4-Trichlorobenzene	50	51.1	102	73-132
71-55-6	1,1,1-Trichloroethane	50	52.0	104	73-131
79-00-5	1,1,2-Trichloroethane	50	51.9	104	79-117
79-01-6	Trichloroethene	50	55.0	110	80-120
75-69-4	Trichlorofluoromethane	50	51.2	102	63-141
96-18-4	1,2,3-Trichloropropane	50	49.7	99	77-121
95-63-6	1,2,4-Trimethylbenzene	50	49.9	100	76-119
108-67-8	1,3,5-Trimethylbenzene	50	50.0	100	74-119
75-01-4	Vinyl chloride	50	50.6	101	55-145
	m,p-Xylene	100	101	101	75-120
95-47-6	o-Xylene	50	51.1	102	75-119
1330-20-7	Xylene (total)	150	152	101	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	75-127%
17060-07-0	1,2-Dichloroethane-D4	89%	75-130%
2037-26-5	Toluene-D8	97%	80-120%
460-00-4	4-Bromofluorobenzene	93%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: JC83637

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10602-BS	D262881.D	1	03/08/19	TDN	n/a	n/a	VD10602

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
156-59-2	cis-1,2-Dichloroethene	2500	2330	93	74-118
79-01-6	Trichloroethene	2500	2670	107	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	112%	75-130%
2037-26-5	Toluene-D8	103%	80-120%
460-00-4	4-Bromofluorobenzene	98%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83637-1MS	1C162829.D	1	03/04/19	PS	n/a	n/a	V1C7155
JC83637-1	1C162819.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-1, JC83637-2, JC83637-3, JC83637-4, JC83637-5, JC83637-8, JC83637-9, JC83637-10, JC83637-11, JC83637-12, JC83637-15, JC83637-16, JC83637-21, JC83637-22

CAS No.	Compound	JC83637-1 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	59.0		212	204	68	10-157
71-43-2	Benzene	ND		53.1	52.8	99	58-125
108-86-1	Bromobenzene	ND		53.1	48.0	90	50-129
74-97-5	Bromochloromethane	ND		53.1	57.0	107	60-127
75-27-4	Bromodichloromethane	ND		53.1	54.3	102	57-128
75-25-2	Bromoform	ND		53.1	50.5	95	48-133
74-83-9	Bromomethane	ND		53.1	57.7	109	31-141
78-93-3	2-Butanone (MEK)	ND		212	185	87	29-146
104-51-8	n-Butylbenzene	ND		53.1	41.1	77	23-149
135-98-8	sec-Butylbenzene	ND		53.1	46.9	88	33-147
98-06-6	tert-Butylbenzene	ND		53.1	50.1	94	39-145
56-23-5	Carbon tetrachloride	ND		53.1	59.2	111	51-143
108-90-7	Chlorobenzene	ND		53.1	50.7	95	54-130
75-00-3	Chloroethane	ND		53.1	60.1	113	22-153
67-66-3	Chloroform	ND		53.1	54.9	103	61-125
74-87-3	Chloromethane	ND		53.1	55.2	104	43-142
95-49-8	o-Chlorotoluene	ND		53.1	47.2	89	47-137
106-43-4	p-Chlorotoluene	ND		53.1	44.8	84	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		53.1	43.2	81	41-127
124-48-1	Dibromochloromethane	ND		53.1	53.5	101	56-127
106-93-4	1,2-Dibromoethane	ND		53.1	52.4	99	54-121
95-50-1	1,2-Dichlorobenzene	ND		53.1	46.6	88	41-134
541-73-1	1,3-Dichlorobenzene	ND		53.1	45.2	85	41-135
106-46-7	1,4-Dichlorobenzene	ND		53.1	44.1	83	41-133
75-71-8	Dichlorodifluoromethane	ND		53.1	51.8	98	30-153
75-34-3	1,1-Dichloroethane	ND		53.1	54.0	102	61-131
107-06-2	1,2-Dichloroethane	ND		53.1	50.7	95	56-126
75-35-4	1,1-Dichloroethene	ND		53.1	53.9	102	53-132
156-59-2	cis-1,2-Dichloroethene	ND		53.1	52.0	98	57-125
156-60-5	trans-1,2-Dichloroethene	ND		53.1	51.8	98	56-130
78-87-5	1,2-Dichloropropane	ND		53.1	51.1	96	63-126
142-28-9	1,3-Dichloropropane	ND		53.1	48.3	91	58-119
594-20-7	2,2-Dichloropropane	ND		53.1	44.6	84	41-135
563-58-6	1,1-Dichloropropene	ND		53.1	52.0	98	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		53.1	49.2	93	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		53.1	47.6	90	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83637-1MS	1C162829.D	1	03/04/19	PS	n/a	n/a	V1C7155
JC83637-1	1C162819.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-1, JC83637-2, JC83637-3, JC83637-4, JC83637-5, JC83637-8, JC83637-9, JC83637-10, JC83637-11, JC83637-12, JC83637-15, JC83637-16, JC83637-21, JC83637-22

CAS No.	Compound	JC83637-1 ug/kg	Spike Q	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND	53.1	49.8	94	49-132
87-68-3	Hexachlorobutadiene	ND	53.1	40.0	75	10-165
98-82-8	Isopropylbenzene	ND	53.1	50.7	95	43-141
99-87-6	p-Isopropyltoluene	ND	53.1	47.2	89	34-144
1634-04-4	Methyl Tert Butyl Ether	ND	53.1	51.2	96	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	212	178	84	40-140
74-95-3	Methylene bromide	ND	53.1	51.1	96	57-124
75-09-2	Methylene chloride	ND	53.1	54.3	102	57-123
91-20-3	Naphthalene	ND	53.1	38.3	72	22-145
103-65-1	n-Propylbenzene	ND	53.1	46.3	87	41-139
100-42-5	Styrene	ND	53.1	48.6	92	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND	53.1	54.5	103	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND	53.1	45.2	85	44-127
127-18-4	Tetrachloroethene	ND	53.1	52.8	99	39-154
108-88-3	Toluene	ND	53.1	51.4	97	54-127
87-61-6	1,2,3-Trichlorobenzene	ND	53.1	40.7	77	17-151
120-82-1	1,2,4-Trichlorobenzene	ND	53.1	40.2	76	19-153
71-55-6	1,1,1-Trichloroethane	ND	53.1	56.8	107	57-138
79-00-5	1,1,2-Trichloroethane	ND	53.1	49.2	93	53-127
79-01-6	Trichloroethene	ND	53.1	56.7	107	52-140
75-69-4	Trichlorofluoromethane	ND	53.1	58.4	110	46-142
96-18-4	1,2,3-Trichloropropane	ND	53.1	43.2	81	48-129
95-63-6	1,2,4-Trimethylbenzene	ND	53.1	47.4	89	39-142
108-67-8	1,3,5-Trimethylbenzene	ND	53.1	48.1	91	40-140
75-01-4	Vinyl chloride	ND	53.1	58.2	110	43-146
	m,p-Xylene	ND	106	99.3	94	45-137
95-47-6	o-Xylene	ND	53.1	50.9	96	48-135
1330-20-7	Xylene (total)	ND	159	150	94	46-137

CAS No.	Surrogate Recoveries	MS	JC83637-1	Limits
1868-53-7	Dibromofluoromethane	99%	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	90%	98%	75-130%
2037-26-5	Toluene-D8	96%	97%	80-120%
460-00-4	4-Bromofluorobenzene	93%	93%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83679-1MS	1C162858.D	1	03/05/19	PS	n/a	n/a	V1C7156
JC83679-1	1C162848.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-17, JC83637-18

CAS No.	Compound	JC83679-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	ND		230	239	104	10-157
71-43-2	Benzene	ND		57.6	60.1	104	58-125
108-86-1	Bromobenzene	ND		57.6	53.2	92	50-129
74-97-5	Bromochloromethane	ND		57.6	61.5	107	60-127
75-27-4	Bromodichloromethane	ND		57.6	60.9	106	57-128
75-25-2	Bromoform	ND		57.6	60.4	105	48-133
74-83-9	Bromomethane	ND		57.6	48.8	85	31-141
78-93-3	2-Butanone (MEK)	ND		230	236	102	29-146
104-51-8	n-Butylbenzene	ND		57.6	46.0	80	23-149
135-98-8	sec-Butylbenzene	ND		57.6	54.9	95	33-147
98-06-6	tert-Butylbenzene	ND		57.6	58.4	101	39-145
56-23-5	Carbon tetrachloride	ND		57.6	63.5	110	51-143
108-90-7	Chlorobenzene	ND		57.6	57.6	100	54-130
75-00-3	Chloroethane	ND		57.6	61.3	106	22-153
67-66-3	Chloroform	ND		57.6	58.9	102	61-125
74-87-3	Chloromethane	ND		57.6	51.3	89	43-142
95-49-8	o-Chlorotoluene	ND		57.6	52.9	92	47-137
106-43-4	p-Chlorotoluene	ND		57.6	48.2	84	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		57.6	54.9	95	41-127
124-48-1	Dibromochloromethane	ND		57.6	62.9	109	56-127
106-93-4	1,2-Dibromoethane	ND		57.6	61.7	107	54-121
95-50-1	1,2-Dichlorobenzene	ND		57.6	52.2	91	41-134
541-73-1	1,3-Dichlorobenzene	ND		57.6	49.3	86	41-135
106-46-7	1,4-Dichlorobenzene	ND		57.6	48.0	83	41-133
75-71-8	Dichlorodifluoromethane	ND		57.6	51.5	89	30-153
75-34-3	1,1-Dichloroethane	ND		57.6	57.9	101	61-131
107-06-2	1,2-Dichloroethane	ND		57.6	57.7	100	56-126
75-35-4	1,1-Dichloroethene	ND		57.6	56.3	98	53-132
156-59-2	cis-1,2-Dichloroethene	ND		57.6	54.3	94	57-125
156-60-5	trans-1,2-Dichloroethene	ND		57.6	52.4	91	56-130
78-87-5	1,2-Dichloropropane	ND		57.6	58.0	101	63-126
142-28-9	1,3-Dichloropropane	ND		57.6	56.8	99	58-119
594-20-7	2,2-Dichloropropane	ND		57.6	47.8	83	41-135
563-58-6	1,1-Dichloropropene	ND		57.6	53.6	93	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		57.6	54.0	94	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		57.6	51.5	89	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83679-1MS	1C162858.D	1	03/05/19	PS	n/a	n/a	V1C7156
JC83679-1	1C162848.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-17, JC83637-18

CAS No.	Compound	JC83679-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		57.6	56.4	98	49-132
87-68-3	Hexachlorobutadiene	ND		57.6	45.8	80	10-165
98-82-8	Isopropylbenzene	ND		57.6	64.1	111	43-141
99-87-6	p-Isopropyltoluene	ND		57.6	52.9	92	34-144
1634-04-4	Methyl Tert Butyl Ether	ND		57.6	59.7	104	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		230	235	102	40-140
74-95-3	Methylene bromide	ND		57.6	57.3	99	57-124
75-09-2	Methylene chloride	ND		57.6	57.7	100	57-123
91-20-3	Naphthalene	ND		57.6	51.0	89	22-145
103-65-1	n-Propylbenzene	ND		57.6	55.2	96	41-139
100-42-5	Styrene	ND		57.6	57.1	99	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		57.6	62.8	109	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		57.6	58.0	101	44-127
127-18-4	Tetrachloroethene	ND		57.6	59.0	102	39-154
108-88-3	Toluene	ND		57.6	59.3	103	54-127
87-61-6	1,2,3-Trichlorobenzene	ND		57.6	48.1	84	17-151
120-82-1	1,2,4-Trichlorobenzene	ND		57.6	44.6	77	19-153
71-55-6	1,1,1-Trichloroethane	ND		57.6	60.4	105	57-138
79-00-5	1,1,2-Trichloroethane	ND		57.6	58.8	102	53-127
79-01-6	Trichloroethene	ND		57.6	60.9	106	52-140
75-69-4	Trichlorofluoromethane	ND		57.6	60.5	105	46-142
96-18-4	1,2,3-Trichloropropane	ND		57.6	55.2	96	48-129
95-63-6	1,2,4-Trimethylbenzene	ND		57.6	53.5	93	39-142
108-67-8	1,3,5-Trimethylbenzene	ND		57.6	54.6	95	40-140
75-01-4	Vinyl chloride	ND		57.6	55.2	96	43-146
	m,p-Xylene	ND		115	113	98	45-137
95-47-6	o-Xylene	ND		57.6	59.2	103	48-135
1330-20-7	Xylene (total)	ND		173	172	100	46-137

CAS No.	Surrogate Recoveries	MS	JC83679-1	Limits
1868-53-7	Dibromofluoromethane	94%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	90%	96%	75-130%
2037-26-5	Toluene-D8	97%	97%	80-120%
460-00-4	4-Bromofluorobenzene	92%	94%	79-127%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83731-2MS	D262886.D	1	03/08/19	TDN	n/a	n/a	VD10602
JC83731-2MSD	D262887.D	1	03/08/19	TDN	n/a	n/a	VD10602
JC83731-2	D262884.D	1	03/08/19	TDN	n/a	n/a	VD10602

The QC reported here applies to the following samples: Method: SW846 8260C

JC83637-16

CAS No.	Compound	JC83731-2 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethene	ND	3550	2960	83	3550	2970	84	0	57-125/22
79-01-6	Trichloroethene	ND	3550	3420	96	3550	3410	96	0	52-140/24

CAS No.	Surrogate Recoveries	MS	MSD	JC83731-2	Limits
1868-53-7	Dibromofluoromethane	98%	99%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	113%	113%	115%	75-130%
2037-26-5	Toluene-D8	103%	103%	102%	80-120%
460-00-4	4-Bromofluorobenzene	97%	97%	101%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 3

Job Number: JC83637

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83637-2DUP	1C162830.D	1	03/04/19	PS	n/a	n/a	V1C7155
JC83637-2	1C162820.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-1, JC83637-2, JC83637-3, JC83637-4, JC83637-5, JC83637-8, JC83637-9, JC83637-10, JC83637-11, JC83637-12, JC83637-15, JC83637-16, JC83637-21, JC83637-22

CAS No.	Compound	JC83637-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
67-64-1	Acetone	70.4		109		43* a	40
71-43-2	Benzene	ND		ND		nc	30
108-86-1	Bromobenzene	ND		ND		nc	30
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	30
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	30
78-93-3	2-Butanone (MEK)	ND		ND		nc	30
104-51-8	n-Butylbenzene	ND		ND		nc	30
135-98-8	sec-Butylbenzene	ND		ND		nc	30
98-06-6	tert-Butylbenzene	ND		ND		nc	30
56-23-5	Carbon tetrachloride	ND		ND		nc	30
108-90-7	Chlorobenzene	ND		ND		nc	30
75-00-3	Chloroethane	ND		ND		nc	30
67-66-3	Chloroform	ND		ND		nc	30
74-87-3	Chloromethane	ND		ND		nc	30
95-49-8	o-Chlorotoluene	ND		ND		nc	30
106-43-4	p-Chlorotoluene	ND		ND		nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	30
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	30
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	30
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	30
107-06-2	1,2-Dichloroethane	ND		ND		nc	30
75-35-4	1,1-Dichloroethene	ND		ND		nc	30
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	30
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	30
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
142-28-9	1,3-Dichloropropane	ND		ND		nc	30
594-20-7	2,2-Dichloropropane	ND		ND		nc	30
563-58-6	1,1-Dichloropropene	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 3

Job Number: JC83637

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83637-2DUP	1C162830.D	1	03/04/19	PS	n/a	n/a	V1C7155
JC83637-2	1C162820.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-1, JC83637-2, JC83637-3, JC83637-4, JC83637-5, JC83637-8, JC83637-9, JC83637-10, JC83637-11, JC83637-12, JC83637-15, JC83637-16, JC83637-21, JC83637-22

CAS No.	Compound	JC83637-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
100-41-4	Ethylbenzene	ND		ND		nc	30
87-68-3	Hexachlorobutadiene	ND		ND		nc	30
98-82-8	Isopropylbenzene	ND		ND		nc	30
99-87-6	p-Isopropyltoluene	ND		ND		nc	30
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	30
74-95-3	Methylene bromide	ND		ND		nc	30
75-09-2	Methylene chloride	ND		ND		nc	36
91-20-3	Naphthalene	ND		ND		nc	30
103-65-1	n-Propylbenzene	ND		ND		nc	30
100-42-5	Styrene	ND		ND		nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	30
127-18-4	Tetrachloroethene	ND		ND		nc	30
108-88-3	Toluene	ND		ND		nc	24
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	30
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	30
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	30
79-01-6	Trichloroethene	ND		ND		nc	30
75-69-4	Trichlorofluoromethane	ND		ND		nc	30
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	30
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	30
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	30
75-01-4	Vinyl chloride	ND		ND		nc	30
	m,p-Xylene	ND		ND		nc	32
95-47-6	o-Xylene	ND		ND		nc	30
1330-20-7	Xylene (total)	ND		ND		nc	33

CAS No.	Surrogate Recoveries	DUP	JC83637-2	Limits
1868-53-7	Dibromofluoromethane	98%	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	94%	98%	75-130%
2037-26-5	Toluene-D8	98%	96%	80-120%
460-00-4	4-Bromofluorobenzene	93%	92%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 3 of 3

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83637-2DUP	1C162830.D	1	03/04/19	PS	n/a	n/a	V1C7155
JC83637-2	1C162820.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-1, JC83637-2, JC83637-3, JC83637-4, JC83637-5, JC83637-8, JC83637-9, JC83637-10, JC83637-11, JC83637-12, JC83637-15, JC83637-16, JC83637-21, JC83637-22

(a) High RPD due to possible sample nonhomogeneity.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JC83637**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83679-2DUP	1C162860.D	1	03/05/19	PS	n/a	n/a	V1C7156
JC83679-2	1C162849.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83637-17, JC83637-18

CAS No.	Compound	JC83679-2 ug/kg	DUP Q	Q	RPD	Limits
67-64-1	Acetone	ND	ND	nc		40
71-43-2	Benzene	ND	ND	nc		30
108-86-1	Bromobenzene	ND	ND	nc		30
74-97-5	Bromochloromethane	ND	ND	nc		30
75-27-4	Bromodichloromethane	ND	ND	nc		30
75-25-2	Bromoform	ND	ND	nc		30
74-83-9	Bromomethane	ND	ND	nc		30
78-93-3	2-Butanone (MEK)	ND	ND	nc		30
104-51-8	n-Butylbenzene	ND	ND	nc		30
135-98-8	sec-Butylbenzene	ND	ND	nc		30
98-06-6	tert-Butylbenzene	ND	ND	nc		30
56-23-5	Carbon tetrachloride	ND	ND	nc		30
108-90-7	Chlorobenzene	ND	ND	nc		30
75-00-3	Chloroethane	ND	ND	nc		30
67-66-3	Chloroform	ND	ND	nc		30
74-87-3	Chloromethane	ND	ND	nc		30
95-49-8	o-Chlorotoluene	ND	ND	nc		30
106-43-4	p-Chlorotoluene	ND	ND	nc		30
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND	nc		30
124-48-1	Dibromochloromethane	ND	ND	nc		30
106-93-4	1,2-Dibromoethane	ND	ND	nc		30
95-50-1	1,2-Dichlorobenzene	ND	ND	nc		30
541-73-1	1,3-Dichlorobenzene	ND	ND	nc		30
106-46-7	1,4-Dichlorobenzene	ND	ND	nc		30
75-71-8	Dichlorodifluoromethane	ND	ND	nc		30
75-34-3	1,1-Dichloroethane	ND	ND	nc		30
107-06-2	1,2-Dichloroethane	ND	ND	nc		30
75-35-4	1,1-Dichloroethene	ND	ND	nc		30
156-59-2	cis-1,2-Dichloroethene	ND	ND	nc		30
156-60-5	trans-1,2-Dichloroethene	ND	ND	nc		30
78-87-5	1,2-Dichloropropane	ND	ND	nc		30
142-28-9	1,3-Dichloropropane	ND	ND	nc		30
594-20-7	2,2-Dichloropropane	ND	ND	nc		30
563-58-6	1,1-Dichloropropene	ND	ND	nc		30
10061-01-5	cis-1,3-Dichloropropene	ND	ND	nc		30
10061-02-6	trans-1,3-Dichloropropene	ND	ND	nc		30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 2

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83679-2DUP	1C162860.D	1	03/05/19	PS	n/a	n/a	V1C7156
JC83679-2	1C162849.D	1	03/05/19	PS	n/a	n/a	V1C7156

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83637-17, JC83637-18

CAS No.	Compound	JC83679-2 ug/kg	DUP Q	Q	RPD	Limits
100-41-4	Ethylbenzene	ND	ND	nc	30	
87-68-3	Hexachlorobutadiene	ND	ND	nc	30	
98-82-8	Isopropylbenzene	ND	ND	nc	30	
99-87-6	p-Isopropyltoluene	ND	ND	nc	30	
1634-04-4	Methyl Tert Butyl Ether	ND	ND	nc	30	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND	nc	30	
74-95-3	Methylene bromide	ND	ND	nc	30	
75-09-2	Methylene chloride	ND	ND	nc	36	
91-20-3	Naphthalene	ND	ND	nc	30	
103-65-1	n-Propylbenzene	ND	ND	nc	30	
100-42-5	Styrene	ND	ND	nc	30	
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND	nc	30	
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND	nc	30	
127-18-4	Tetrachloroethene	ND	ND	nc	30	
108-88-3	Toluene	ND	ND	nc	24	
87-61-6	1,2,3-Trichlorobenzene	ND	ND	nc	30	
120-82-1	1,2,4-Trichlorobenzene	ND	ND	nc	30	
71-55-6	1,1,1-Trichloroethane	ND	ND	nc	30	
79-00-5	1,1,2-Trichloroethane	ND	ND	nc	30	
79-01-6	Trichloroethene	ND	ND	nc	30	
75-69-4	Trichlorofluoromethane	ND	ND	nc	30	
96-18-4	1,2,3-Trichloropropane	ND	ND	nc	30	
95-63-6	1,2,4-Trimethylbenzene	ND	ND	nc	30	
108-67-8	1,3,5-Trimethylbenzene	ND	ND	nc	30	
75-01-4	Vinyl chloride	ND	ND	nc	30	
	m,p-Xylene	ND	ND	nc	32	
95-47-6	o-Xylene	ND	ND	nc	30	
1330-20-7	Xylene (total)	ND	ND	nc	33	

CAS No.	Surrogate Recoveries	DUP	JC83679-2	Limits
1868-53-7	Dibromofluoromethane	96%	97%	75-127%
17060-07-0	1,2-Dichloroethane-D4	93%	96%	75-130%
2037-26-5	Toluene-D8	97%	97%	80-120%
460-00-4	4-Bromofluorobenzene	93%	92%	79-127%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7060-BFB
Lab File ID: 1C160437.D
Instrument ID: GCMS1C
Injection Date: 11/03/18
Injection Time: 16:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	8643	16.6	Pass
75	30.0 - 60.0% of mass 95	23272	44.6	Pass
95	Base peak, 100% relative abundance	52165	100.0	Pass
96	5.0 - 9.0% of mass 95	3538	6.78	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	48832	93.6	Pass
175	5.0 - 9.0% of mass 174	3792	7.27 (7.77) ^a	Pass
176	95.0 - 101.0% of mass 174	47341	90.8 (96.9) ^a	Pass
177	5.0 - 9.0% of mass 176	3096	5.94 (6.54) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7060-IC7060	1C160438.D	11/03/18	16:58	00:31	Initial cal 0.5
V1C7060-IC7060	1C160439.D	11/03/18	17:25	00:58	Initial cal 1
V1C7060-IC7060	1C160440.D	11/03/18	17:52	01:25	Initial cal 2
V1C7060-IC7060	1C160441.D	11/03/18	18:18	01:51	Initial cal 4
V1C7060-IC7060	1C160442.D	11/03/18	18:44	02:17	Initial cal 8
V1C7060-IC7060	1C160443.D	11/03/18	19:11	02:44	Initial cal 20
V1C7060-ICC7060	1C160444.D	11/03/18	19:37	03:10	Initial cal 50
V1C7060-IC7060	1C160445.D	11/03/18	20:04	03:37	Initial cal 100
V1C7060-IC7060	1C160446.D	11/03/18	20:30	04:03	Initial cal 200
V1C7060-ICV7060	1C160449.D	11/03/18	21:50	05:23	Initial cal verification 50
V1C7060-ICV7060	1C160450.D	11/03/18	22:16	05:49	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7155-BFB
Lab File ID: 1C162815.D
Instrument ID: GCMS1C
Injection Date: 03/04/19
Injection Time: 09:26

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	12394	17.2	Pass
75	30.0 - 60.0% of mass 95	32936	45.8	Pass
95	Base peak, 100% relative abundance	71939	100.0	Pass
96	5.0 - 9.0% of mass 95	4699	6.53	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	71232	99.0	Pass
175	5.0 - 9.0% of mass 174	5586	7.76 (7.84) ^a	Pass
176	95.0 - 101.0% of mass 174	68893	95.8 (96.7) ^a	Pass
177	5.0 - 9.0% of mass 176	4561	6.34 (6.62) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7155-CC7060	1C162815.D	03/04/19	09:26	00:00	Continuing cal 50
V1C7155-BS	1C162816.D	03/04/19	10:02	00:36	Blank Spike
V1C7155-MB	1C162818.D	03/04/19	11:02	01:36	Method Blank
JC83637-1	1C162819.D	03/04/19	11:28	02:02	SAP68(0)
JC83637-2	1C162820.D	03/04/19	11:55	02:29	SAP68(4)
JC83637-3	1C162821.D	03/04/19	12:22	02:56	SAP68(8)
JC83637-4	1C162822.D	03/04/19	12:49	03:23	SAP68(12)
JC83637-5	1C162823.D	03/04/19	13:16	03:50	SAP68(16)
JC83637-8	1C162824.D	03/04/19	13:43	04:17	SAP69(0)
JC83637-9	1C162825.D	03/04/19	14:10	04:44	SAP69(4)
JC83637-10	1C162826.D	03/04/19	14:37	05:11	SAP69(8)
JC83637-11	1C162827.D	03/04/19	15:04	05:38	SAP69(12)
JC83637-12	1C162828.D	03/04/19	15:31	06:05	SAP69(16)
JC83637-1MS	1C162829.D	03/04/19	16:18	06:52	Matrix Spike
JC83637-2DUP	1C162830.D	03/04/19	16:45	07:19	Duplicate
ZZZZZZ	1C162831.D	03/04/19	17:12	07:46	(unrelated sample)
ZZZZZZ	1C162832.D	03/04/19	17:39	08:13	(unrelated sample)
ZZZZZZ	1C162833.D	03/04/19	18:06	08:40	(unrelated sample)
JC83637-15	1C162834.D	03/04/19	18:33	09:07	SAP63(4)
JC83637-16	1C162835.D	03/04/19	19:00	09:34	SAP63(8)
JC83637-21	1C162838.D	03/04/19	20:21	10:55	AB-12B 24
JC83637-22	1C162839.D	03/04/19	20:48	11:22	AB-12B 28
ZZZZZZ	1C162840.D	03/04/19	21:15	11:49	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7156-BFB
Lab File ID: 1C162844.D
Instrument ID: GCMS1C
Injection Date: 03/05/19
Injection Time: 09:48

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	12904	17.3	Pass
75	30.0 - 60.0% of mass 95	34133	45.9	Pass
95	Base peak, 100% relative abundance	74381	100.0	Pass
96	5.0 - 9.0% of mass 95	5020	6.75	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	68336	91.9	Pass
175	5.0 - 9.0% of mass 174	5536	7.44 (8.10) ^a	Pass
176	95.0 - 101.0% of mass 174	66000	88.7 (96.6) ^a	Pass
177	5.0 - 9.0% of mass 176	4566	6.14 (6.92) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7156-CC7060	1C162844.D	03/05/19	09:48	00:00	Continuing cal 50
V1C7156-BS	1C162845.D	03/05/19	10:22	00:34	Blank Spike
ZZZZZZ	1C162847A.D	03/05/19	11:26	01:38	(unrelated sample)
V1C7156-MB	1C162847.D	03/05/19	11:26	01:38	Method Blank
JC83679-1	1C162848.D	03/05/19	11:53	02:05	(used for QC only; not part of job JC83637)
JC83679-2	1C162849.D	03/05/19	12:20	02:32	(used for QC only; not part of job JC83637)
ZZZZZZ	1C162850.D	03/05/19	12:47	02:59	(unrelated sample)
ZZZZZZ	1C162851.D	03/05/19	13:14	03:26	(unrelated sample)
ZZZZZZ	1C162852.D	03/05/19	13:41	03:53	(unrelated sample)
ZZZZZZ	1C162853.D	03/05/19	14:08	04:20	(unrelated sample)
ZZZZZZ	1C162854.D	03/05/19	14:35	04:47	(unrelated sample)
ZZZZZZ	1C162855.D	03/05/19	15:02	05:14	(unrelated sample)
ZZZZZZ	1C162856.D	03/05/19	15:29	05:41	(unrelated sample)
JC83679-1MS	1C162858.D	03/05/19	16:23	06:35	Matrix Spike
JC83679-2DUP	1C162860.D	03/05/19	17:17	07:29	Duplicate
JC83637-17	1C162861.D	03/05/19	17:44	07:56	SAP63(12)
JC83637-18	1C162862.D	03/05/19	18:12	08:24	SAP63(16)
ZZZZZZ	1C162863.D	03/05/19	18:39	08:51	(unrelated sample)
ZZZZZZ	1C162864.D	03/05/19	19:06	09:18	(unrelated sample)
ZZZZZZ	1C162865.D	03/05/19	19:33	09:45	(unrelated sample)
ZZZZZZ	1C162866.D	03/05/19	20:00	10:12	(unrelated sample)
ZZZZZZ	1C162867.D	03/05/19	20:27	10:39	(unrelated sample)
ZZZZZZ	1C162868.D	03/05/19	20:54	11:06	(unrelated sample)
ZZZZZZ	1C162869.D	03/05/19	21:21	11:33	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10552-BFB
Lab File ID: D261493.D
Instrument ID: GCMSD
Injection Date: 01/10/19
Injection Time: 18:32

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	12541	17.8	Pass
75	30.0 - 60.0% of mass 95	33480	47.6	Pass
95	Base peak, 100% relative abundance	70402	100.0	Pass
96	5.0 - 9.0% of mass 95	4644	6.60	Pass
173	Less than 2.0% of mass 174	284	0.40 (0.48) ^a	Pass
174	50.0 - 150.0% of mass 95	58992	83.8	Pass
175	5.0 - 9.0% of mass 174	4190	5.95 (7.10) ^a	Pass
176	95.0 - 101.0% of mass 174	57453	81.6 (97.4) ^a	Pass
177	5.0 - 9.0% of mass 176	3835	5.45 (6.68) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10552-IC10552	D261495.D	01/10/19	19:42	01:10	Initial cal 0.5
VD10552-IC10552	D261496.D	01/10/19	20:10	01:38	Initial cal 1
VD10552-IC10552	D261497.D	01/10/19	20:39	02:07	Initial cal 2
VD10552-IC10552	D261498.D	01/10/19	21:08	02:36	Initial cal 4
VD10552-IC10552	D261499.D	01/10/19	21:36	03:04	Initial cal 8
VD10552-IC10552	D261500.D	01/10/19	22:05	03:33	Initial cal 20
VD10552-ICC10552	D261501.D	01/10/19	22:34	04:02	Initial cal 50
VD10552-IC10552	D261502.D	01/10/19	23:02	04:30	Initial cal 100
VD10552-IC10552	D261503.D	01/10/19	23:31	04:59	Initial cal 200
VD10552-ICV10552	D261506.D	01/11/19	00:57	06:25	Initial cal verification 50
VD10552-ICV10552	D261507.D	01/11/19	01:26	06:54	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83637
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10602-BFB
Lab File ID: D262877.D
Instrument ID: GCMSD
Injection Date: 03/08/19
Injection Time: 07:41

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	14343	17.9	Pass
75	30.0 - 60.0% of mass 95	39005	48.7	Pass
95	Base peak, 100% relative abundance	80104	100.0	Pass
96	5.0 - 9.0% of mass 95	5393	6.73	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	71619	89.4	Pass
175	5.0 - 9.0% of mass 174	5411	6.75 (7.56) ^a	Pass
176	95.0 - 101.0% of mass 174	70360	87.8 (98.2) ^a	Pass
177	5.0 - 9.0% of mass 176	4901	6.12 (6.97) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10602-CC10552	D262877.D	03/08/19	07:41	00:00	Continuing cal 50
VD10602-BS	D262881.D	03/08/19	09:39	01:58	Blank Spike
VD10602-MB	D262883.D	03/08/19	10:36	02:55	Method Blank
ZZZZZZ	D262883A.D	03/08/19	10:36	02:55	(unrelated sample)
JC83731-2	D262884.D	03/08/19	11:05	03:24	(used for QC only; not part of job JC83637)
ZZZZZZ	D262885.D	03/08/19	11:33	03:52	(unrelated sample)
JC83731-2MS	D262886.D	03/08/19	12:02	04:21	Matrix Spike
JC83731-2MSD	D262887.D	03/08/19	12:31	04:50	Matrix Spike Duplicate
JC83637-16	D262889.D	03/08/19	13:29	05:48	SAP63(8)
ZZZZZZ	D262890.D	03/08/19	13:57	06:16	(unrelated sample)
ZZZZZZ	D262891.D	03/08/19	14:26	06:45	(unrelated sample)
ZZZZZZ	D262892.D	03/08/19	14:55	07:14	(unrelated sample)
ZZZZZZ	D262893.D	03/08/19	15:24	07:43	(unrelated sample)
ZZZZZZ	D262894.D	03/08/19	15:53	08:12	(unrelated sample)
ZZZZZZ	D262895.D	03/08/19	16:21	08:40	(unrelated sample)
ZZZZZZ	D262896.D	03/08/19	16:50	09:09	(unrelated sample)
ZZZZZZ	D262897.D	03/08/19	17:19	09:38	(unrelated sample)
ZZZZZZ	D262898.D	03/08/19	17:48	10:07	(unrelated sample)
ZZZZZZ	D262899.D	03/08/19	18:17	10:36	(unrelated sample)

Surrogate Recovery Summary

Page 1 of 1

Job Number: JC83637

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC83637-1	1C162819.D	100	98	97	93
JC83637-2	1C162820.D	100	98	96	92
JC83637-3	1C162821.D	101	97	95	92
JC83637-4	1C162822.D	99	94	96	93
JC83637-5	1C162823.D	101	96	97	91
JC83637-8	1C162824.D	101	97	96	93
JC83637-9	1C162825.D	102	100	95	92
JC83637-10	1C162826.D	101	100	95	93
JC83637-11	1C162827.D	102	100	96	92
JC83637-12	1C162828.D	100	97	95	92
JC83637-15	1C162834.D	101	98	96	92
JC83637-16	D262889.D	96	113	101	100
JC83637-16	1C162835.D	101	97	96	94
JC83637-17	1C162861.D	96	96	97	96
JC83637-18	1C162862.D	96	96	98	96
JC83637-21	1C162838.D	101	97	99	98
JC83637-22	1C162839.D	101	97	97	94
JC83637-1MS	1C162829.D	99	90	96	93
JC83637-2DUP	1C162830.D	98	94	98	93
JC83679-1MS	1C162858.D	94	90	97	92
JC83679-2DUP	1C162860.D	96	93	97	93
JC83731-2MS	D262886.D	98	113	103	97
JC83731-2MSD	D262887.D	99	113	103	97
V1C7155-BS	1C162816.D	94	90	96	94
V1C7155-MB	1C162818.D	96	92	96	92
V1C7156-BS	1C162845.D	97	89	97	93
V1C7156-MB	1C162847.D	93	87	98	93
VD10602-BS	D262881.D	100	112	103	98
VD10602-MB	D262883.D	99	116	101	102

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane

75-127%

S2 = 1,2-Dichloroethane-D4

75-130%

S3 = Toluene-D8

80-120%

S4 = 4-Bromofluorobenzene

79-127%

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Arcadis

GE, 13th Street, Tell City, IN

ALL00911.0017

SGS Job Number: JC83727

Sampling Dates: 02/28/19 - 03/01/19

Report to:

Arcadis
150 West Market Suite 728
Indianapolis, IN 46204
Daniel.Petzold@Arcadis.com

ATTN: Daniel Petzold

Total number of pages in report: **153**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read 'Brian McGuire'.

Brian McGuire
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	5
Section 3: Sample Results	9
3.1: JC83727-1: SAP 76-4	10
3.2: JC83727-2: SAP 76-8	12
3.3: JC83727-3: SAP 76-12	14
3.4: JC83727-4: SAP 76-16	16
3.5: JC83727-7: SAP 75-4	18
3.6: JC83727-8: SAP 75-8	21
3.7: JC83727-9: SAP 75-12	24
3.8: JC83727-10: SAP 75-16	26
3.9: JC83727-13: SAP 23B-20	28
3.10: JC83727-14: SAP 23B-24	30
3.11: JC83727-16: SAP 70-4	32
3.12: JC83727-17: SAP 70-8	34
3.13: JC83727-18: SAP 70-12	36
3.14: JC83727-19: SAP 70-16	38
3.15: JC83727-22: SAP 71-4	40
3.16: JC83727-23: SAP 71-8	42
3.17: JC83727-24: SAP 71-12	44
3.18: JC83727-25: SAP 71 (16)	47
3.19: JC83727-28: SAP 17B (20)	49
3.20: JC83727-29: SAP 17B (24)	52
3.21: JC83727-30: SAP 17B (28)	54
3.22: JC83727-31: P 26 (4)	57
3.23: JC83727-32: P 26 (16)	60
3.24: JC83727-35: DUP X	63
3.25: JC83727-36: DUP 3	66
Section 4: Misc. Forms	69
4.1: Chain of Custody	70
Section 5: MS Volatiles - QC Data Summaries	75
5.1: Method Blank Summary	76
5.2: Blank Spike Summary	96
5.3: Matrix Spike Summary	113
5.4: Matrix Spike/Matrix Spike Duplicate Summary	122
5.5: Duplicate Summary	128
5.6: Instrument Performance Checks (BFB)	138
5.7: Surrogate Recovery Summaries	152

Sample Summary

Arcadis

Job No: JC83727

GE, 13th Street, Tell City, IN
Project No: ALL00911.0017

Sample Number	Collected			Received	Matrix		Client Sample ID
	Date	Time	By		Code	Type	
JC83727-1	02/28/19	13:00	DP	03/02/19	SO	Soil	SAP 76-4
JC83727-2	02/28/19	13:05	DP	03/02/19	SO	Soil	SAP 76-8
JC83727-3	02/28/19	13:10	DP	03/02/19	SO	Soil	SAP 76-12
JC83727-4	02/28/19	13:40	DP	03/02/19	SO	Soil	SAP 76-16
JC83727-7	02/28/19	13:35	DP	03/02/19	SO	Soil	SAP 75-4
JC83727-8	02/28/19	13:40	DP	03/02/19	SO	Soil	SAP 75-8
JC83727-9	02/28/19	13:53	DP	03/02/19	SO	Soil	SAP 75-12
JC83727-10	02/28/19	14:00	DP	03/02/19	SO	Soil	SAP 75-16
JC83727-13	02/28/19	14:25	DP	03/02/19	SO	Soil	SAP 23B-20
JC83727-14	02/28/19	14:30	DP	03/02/19	SO	Soil	SAP 23B-24
JC83727-16	02/28/19	15:00	DP	03/02/19	SO	Soil	SAP 70-4
JC83727-17	02/28/19	15:10	DP	03/02/19	SO	Soil	SAP 70-8
JC83727-18	02/28/19	15:15	DP	03/02/19	SO	Soil	SAP 70-12

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary

(continued)

Arcadis

Job No: JC83727GE, 13th Street, Tell City, IN
Project No: ALL00911.0017

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
JC83727-19	02/28/19	15:20 DP	03/02/19	SO	Soil	SAP 70-16
JC83727-22	02/28/19	16:00 DP	03/02/19	SO	Soil	SAP 71-4
JC83727-23	02/28/19	16:05 DP	03/02/19	SO	Soil	SAP 71-8
JC83727-24	02/28/19	16:10 DP	03/02/19	SO	Soil	SAP 71-12
JC83727-25	02/28/19	16:15 DP	03/02/19	SO	Soil	SAP 71 (16)
JC83727-28	03/01/19	08:00 DP	03/02/19	SO	Soil	SAP 17B (20)
JC83727-29	03/01/19	08:10 DP	03/02/19	SO	Soil	SAP 17B (24)
JC83727-30	03/01/19	08:15 DP	03/02/19	SO	Soil	SAP 17B (28)
JC83727-31	03/01/19	08:40 DP	03/02/19	SO	Soil	P 26 (4)
JC83727-32	03/01/19	08:50 DP	03/02/19	SO	Soil	P 26 (16)
JC83727-35	03/01/19	00:00 DP	03/02/19	SO	Soil	DUP X
JC83727-36	03/01/19	00:00 DP	03/02/19	SO	Soil	DUP 3

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Page 1 of 4

Job Number: JC83727
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/28/19 thru 03/01/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC83727-1	SAP 76-4					
Acetone		12.5 J	16	8.1	ug/kg	SW846 8260C
JC83727-2	SAP 76-8					
Acetone		13.8	11	5.5	ug/kg	SW846 8260C
JC83727-3	SAP 76-12					
Acetone		37.4	15	7.6	ug/kg	SW846 8260C
JC83727-4	SAP 76-16					
Acetone		21.7	10	5.0	ug/kg	SW846 8260C
JC83727-7	SAP 75-4					
Acetone		19.1	11	5.3	ug/kg	SW846 8260C
Chloroform		1.7 J	2.1	0.40	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		155	1.1	1.0	ug/kg	SW846 8260C
trans-1,2-Dichloroethene		6.3	1.1	0.71	ug/kg	SW846 8260C
Tetrachloroethene		2.4	2.1	0.49	ug/kg	SW846 8260C
1,1,2-Trichloroethane		1.1 J	2.1	0.37	ug/kg	SW846 8260C
Trichloroethene		23700	1200	930	ug/kg	SW846 8260C
JC83727-8	SAP 75-8					
Acetone		106	12	6.1	ug/kg	SW846 8260C
Bromomethane		1.6 J	6.1	1.2	ug/kg	SW846 8260C
1,1-Dichloroethene		26.4	1.2	0.80	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		6720	150	140	ug/kg	SW846 8260C
trans-1,2-Dichloroethene		51.3	1.2	0.81	ug/kg	SW846 8260C
Toluene		0.73 J	1.2	0.46	ug/kg	SW846 8260C
Trichloroethene		26100	150	110	ug/kg	SW846 8260C
Vinyl chloride		1.8 J	2.4	0.57	ug/kg	SW846 8260C
JC83727-9	SAP 75-12					
Acetone		13.4	9.6	4.8	ug/kg	SW846 8260C
JC83727-10	SAP 75-16					
Acetone		28.6	9.9	4.9	ug/kg	SW846 8260C

Summary of Hits

Job Number: JC83727
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/28/19 thru 03/01/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC83727-13 SAP 23B-20						
Acetone		30.5	9.5	4.8	ug/kg	SW846 8260C
JC83727-14 SAP 23B-24						
Acetone		34.6	9.5	4.8	ug/kg	SW846 8260C
JC83727-16 SAP 70-4						
Acetone		11.9	5.3	2.7	ug/kg	SW846 8260C
Tetrachloroethene		0.80 J	1.1	0.25	ug/kg	SW846 8260C
Trichloroethene		14.7	0.53	0.40	ug/kg	SW846 8260C
JC83727-17 SAP 70-8						
Acetone		28.3	10	5.1	ug/kg	SW846 8260C
Tetrachloroethene		0.68 J	2.0	0.47	ug/kg	SW846 8260C
Trichloroethene		16.5	1.0	0.77	ug/kg	SW846 8260C
JC83727-18 SAP 70-12						
Acetone		16.0	11	5.7	ug/kg	SW846 8260C
Tetrachloroethene		1.3 J	2.3	0.53	ug/kg	SW846 8260C
Trichloroethene		14.8	1.1	0.87	ug/kg	SW846 8260C
JC83727-19 SAP 70-16						
Acetone		46.0	17	8.5	ug/kg	SW846 8260C
Tetrachloroethene		3.4	3.4	0.79	ug/kg	SW846 8260C
Trichloroethene		59.5	1.7	1.3	ug/kg	SW846 8260C
JC83727-22 SAP 71-4						
Acetone		18.1	10	5.1	ug/kg	SW846 8260C
Tetrachloroethene		0.97 J	2.0	0.47	ug/kg	SW846 8260C
Trichloroethene		90.9	1.0	0.77	ug/kg	SW846 8260C
JC83727-23 SAP 71-8						
Tetrachloroethene		1.3 J	2.2	0.52	ug/kg	SW846 8260C
Trichloroethene		65.8	1.1	0.86	ug/kg	SW846 8260C

Summary of Hits

Job Number: JC83727
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/28/19 thru 03/01/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC83727-24 SAP 71-12						
Acetone		9.7 J	10	5.2	ug/kg	SW846 8260C
Chloroform		0.47 J	2.1	0.39	ug/kg	SW846 8260C
Tetrachloroethene		6.8	2.1	0.48	ug/kg	SW846 8260C
Trichloroethene		1210	120	88	ug/kg	SW846 8260C
JC83727-25 SAP 71 (16)						
Acetone		26.4	11	5.4	ug/kg	SW846 8260C
JC83727-28 SAP 17B (20)						
cis-1,2-Dichloroethene ^a		9130	120	120	ug/kg	SW846 8260C
Trichloroethene		1560000	12000	9500	ug/kg	SW846 8260C
JC83727-29 SAP 17B (24)						
Acetone		33.5	9.3	4.7	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		50.9	0.93	0.89	ug/kg	SW846 8260C
trans-1,2-Dichloroethene		0.76 J	0.93	0.62	ug/kg	SW846 8260C
Trichloroethene		4.8	0.93	0.71	ug/kg	SW846 8260C
Vinyl chloride		14.4	1.9	0.44	ug/kg	SW846 8260C
JC83727-30 SAP 17B (28)						
Acetone		15.9	8.9	4.4	ug/kg	SW846 8260C
Trichloroethene		10	0.89	0.67	ug/kg	SW846 8260C
JC83727-31 P 26 (4)						
Tetrachloroethene		28300	2300	540	ug/kg	SW846 8260C
JC83727-32 P 26 (16)						
Acetone		35.1	11	5.3	ug/kg	SW846 8260C
Trichloroethene		1.1	1.1	0.81	ug/kg	SW846 8260C
JC83727-35 DUP X						
cis-1,2-Dichloroethene ^a		8540	120	110	ug/kg	SW846 8260C
Trichloroethene		1410000	12000	9000	ug/kg	SW846 8260C

Summary of Hits

Job Number: JC83727
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/28/19 thru 03/01/19

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

JC83727-36 DUP 3

Acetone	39.4	11	5.5	ug/kg	SW846 8260C
1,1-Dichloroethene	15.8	1.1	0.72	ug/kg	SW846 8260C
cis-1,2-Dichloroethene	2350	110	100	ug/kg	SW846 8260C
trans-1,2-Dichloroethene	21.5	1.1	0.73	ug/kg	SW846 8260C
Tetrachloroethene	0.53 J	2.2	0.51	ug/kg	SW846 8260C
Trichloroethene	9490	110	83	ug/kg	SW846 8260C
Vinyl chloride	1.0 J	2.2	0.52	ug/kg	SW846 8260C

(a) Diluted due to high concentration of target compound.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SAP 76-4	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-1	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	73.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162878.D	1	03/06/19 11:46	PS	n/a	n/a	V1C7157
Run #2							

Run #	Initial Weight
Run #1	4.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	12.5	16	8.1	ug/kg	J
71-43-2	Benzene	ND	0.81	0.61	ug/kg	
108-86-1	Bromobenzene	ND	8.1	0.64	ug/kg	
74-97-5	Bromochloromethane	ND	8.1	0.69	ug/kg	
75-27-4	Bromodichloromethane	ND	3.2	0.71	ug/kg	
75-25-2	Bromoform	ND	8.1	0.65	ug/kg	
74-83-9	Bromomethane	ND	8.1	1.6	ug/kg	
78-93-3	2-Butanone (MEK)	ND	16	6.0	ug/kg	
104-51-8	n-Butylbenzene	ND	3.2	0.66	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.2	0.59	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.2	0.57	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.2	0.89	ug/kg	
108-90-7	Chlorobenzene	ND	3.2	0.57	ug/kg	
75-00-3	Chloroethane	ND	8.1	1.1	ug/kg	
67-66-3	Chloroform	ND	3.2	0.60	ug/kg	
74-87-3	Chloromethane	ND	8.1	3.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.2	0.61	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.2	0.91	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.2	1.3	ug/kg	
124-48-1	Dibromochloromethane	ND	3.2	0.54	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.6	0.52	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.6	0.49	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.6	0.58	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.6	0.55	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	8.1	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.62	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.76	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.2	0.66	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.2	0.59	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 76-4
Lab Sample ID: JC83727-1
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/02/19
Percent Solids: 73.9

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	3.2	0.69	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.2	0.87	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.2	0.57	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.2	0.53	ug/kg	
100-41-4	Ethylbenzene	ND	1.6	0.89	ug/kg	
87-68-3	Hexachlorobutadiene	ND	8.1	0.81	ug/kg	
98-82-8	Isopropylbenzene	ND	3.2	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.2	0.52	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	0.57	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	8.1	2.5	ug/kg	
74-95-3	Methylene bromide	ND	8.1	0.55	ug/kg	
75-09-2	Methylene chloride	ND	8.1	4.0	ug/kg	
91-20-3	Naphthalene	ND	8.1	3.2	ug/kg	
103-65-1	n-Propylbenzene	ND	3.2	0.50	ug/kg	
100-42-5	Styrene	ND	3.2	0.93	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.2	0.92	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.2	0.63	ug/kg	
127-18-4	Tetrachloroethene	ND	3.2	0.74	ug/kg	
108-88-3	Toluene	ND	1.6	0.61	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	8.1	1.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	8.1	1.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.2	0.69	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.2	0.55	ug/kg	
79-01-6	Trichloroethene	ND	1.6	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	8.1	1.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	8.1	0.89	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.2	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.2	0.58	ug/kg	
75-01-4	Vinyl chloride	ND	3.2	0.76	ug/kg	
	m,p-Xylene	ND	1.6	1.2	ug/kg	
95-47-6	o-Xylene	ND	1.6	0.94	ug/kg	
1330-20-7	Xylene (total)	ND	1.6	0.94	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		75-127%
17060-07-0	1,2-Dichloroethane-D4	97%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	96%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 76-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-2	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	80.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162879.D	1	03/06/19 12:13	PS	n/a	n/a	V1C7157
Run #2							

Run #	Initial Weight
Run #1	5.6 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	13.8	11	5.5	ug/kg	
71-43-2	Benzene	ND	0.55	0.42	ug/kg	
108-86-1	Bromobenzene	ND	5.5	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	0.48	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.49	ug/kg	
75-25-2	Bromoform	ND	5.5	0.45	ug/kg	
74-83-9	Bromomethane	ND	5.5	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.1	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.45	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.40	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.39	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.61	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.39	ug/kg	
75-00-3	Chloroethane	ND	5.5	0.76	ug/kg	
67-66-3	Chloroform	ND	2.2	0.41	ug/kg	
74-87-3	Chloromethane	ND	5.5	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.42	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.62	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.93	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.37	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.40	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.38	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	0.70	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.43	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.52	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.73	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.74	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.45	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.41	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 76-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-2	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	80.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.48	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.39	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.36	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.61	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	0.56	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.77	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.36	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.39	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.5	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.5	0.38	ug/kg	
75-09-2	Methylene chloride	ND	5.5	2.8	ug/kg	
91-20-3	Naphthalene	ND	5.5	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.35	ug/kg	
100-42-5	Styrene	ND	2.2	0.64	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.63	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.43	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.51	ug/kg	
108-88-3	Toluene	ND	1.1	0.42	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.38	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.84	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	0.75	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	0.61	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.70	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.40	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.83	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.65	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.65	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		75-127%
17060-07-0	1,2-Dichloroethane-D4	93%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	94%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 76-12	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-3	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	76.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162880.D	1	03/06/19 12:40	PS	n/a	n/a	V1C7157
Run #2							

	Initial Weight
Run #1	4.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	37.4	15	7.6	ug/kg	
71-43-2	Benzene	ND	0.76	0.57	ug/kg	
108-86-1	Bromobenzene	ND	7.6	0.60	ug/kg	
74-97-5	Bromochloromethane	ND	7.6	0.65	ug/kg	
75-27-4	Bromodichloromethane	ND	3.0	0.67	ug/kg	
75-25-2	Bromoform	ND	7.6	0.61	ug/kg	
74-83-9	Bromomethane	ND	7.6	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	15	5.7	ug/kg	
104-51-8	n-Butylbenzene	ND	3.0	0.62	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.0	0.55	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.0	0.53	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.0	0.83	ug/kg	
108-90-7	Chlorobenzene	ND	3.0	0.54	ug/kg	
75-00-3	Chloroethane	ND	7.6	1.0	ug/kg	
67-66-3	Chloroform	ND	3.0	0.56	ug/kg	
74-87-3	Chloromethane	ND	7.6	3.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.0	0.58	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.0	0.85	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.3	ug/kg	
124-48-1	Dibromochloromethane	ND	3.0	0.51	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	0.49	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	0.46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	0.54	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	0.52	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.6	0.96	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.58	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.71	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.0	0.62	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.0	0.56	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 76-12	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-3	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	76.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	3.0	0.65	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.0	0.82	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.0	0.53	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.84	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.6	0.76	ug/kg	
98-82-8	Isopropylbenzene	ND	3.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.0	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.53	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.6	2.4	ug/kg	
74-95-3	Methylene bromide	ND	7.6	0.52	ug/kg	
75-09-2	Methylene chloride	ND	7.6	3.8	ug/kg	
91-20-3	Naphthalene	ND	7.6	3.0	ug/kg	
103-65-1	n-Propylbenzene	ND	3.0	0.47	ug/kg	
100-42-5	Styrene	ND	3.0	0.87	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.0	0.87	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.0	0.59	ug/kg	
127-18-4	Tetrachloroethene	ND	3.0	0.70	ug/kg	
108-88-3	Toluene	ND	1.5	0.57	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.6	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.6	1.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.0	0.65	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.0	0.52	ug/kg	
79-01-6	Trichloroethene	ND	1.5	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.6	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.6	0.84	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.0	0.96	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.0	0.54	ug/kg	
75-01-4	Vinyl chloride	ND	3.0	0.71	ug/kg	
	m,p-Xylene	ND	1.5	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.5	0.88	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	0.88	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		75-127%
17060-07-0	1,2-Dichloroethane-D4	93%		75-130%
2037-26-5	Toluene-D8	105%		80-120%
460-00-4	4-Bromofluorobenzene	109%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 76-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-4	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	81.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162881.D	1	03/06/19 13:06	PS	n/a	n/a	V1C7157
Run #2							

Run #	Initial Weight
Run #1	6.1 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	21.7	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.0	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 76-16
Lab Sample ID: JC83727-4
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/02/19
Percent Solids: 81.4

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		75-127%
17060-07-0	1,2-Dichloroethane-D4	95%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	95%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 75-4	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-7	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	75.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162882.D	1	03/06/19 13:33	PS	n/a	n/a	V1C7157
Run #2	D262916.D	1	03/11/19 10:06	TDN	n/a	n/a	VD10603
Run #3	D262894.D	1	03/08/19 15:53	TDN	n/a	n/a	VD10602

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.2 g		
Run #2	6.3 g	10.0 ml	10.0 ul
Run #3	6.3 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	19.1	11	5.3	ug/kg	
71-43-2	Benzene	ND	0.53	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.3	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.47	ug/kg	
75-25-2	Bromoform	ND	5.3	0.43	ug/kg	
74-83-9	Bromomethane	ND	5.3	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.73	ug/kg	
67-66-3	Chloroform	1.7	2.1	0.40	ug/kg	J
74-87-3	Chloromethane	ND	5.3	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	155	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	6.3	1.1	0.71	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 75-4
Lab Sample ID: JC83727-7
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/02/19
Percent Solids: 75.4

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	2.1	0.44	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.1	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.75	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.3	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.3	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.3	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.61	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.42	ug/kg	
127-18-4	Tetrachloroethene	2.4	2.1	0.49	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	1.1	2.1	0.37	ug/kg	J
79-01-6	Trichloroethene	23700 ^a	1200	930	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.73	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	0.59	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.50	ug/kg	
	m,p-Xylene	ND	1.1	0.80	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.62	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.62	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	98%	102%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	98%	123%	117%	75-130%
2037-26-5	Toluene-D8	95%	98%	101%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 75-4	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-7	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	75.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
460-00-4	4-Bromofluorobenzene	94%	103%	101%	79-127%

(a) Result is from Run# 2

ND = Not detected

MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 75-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-8	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	79.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162883.D	1	03/06/19 14:00	PS	n/a	n/a	V1C7157
Run #2	D262895.D	1	03/08/19 16:21	TDN	n/a	n/a	VD10602

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.2 g		
Run #2	4.7 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	106	12	6.1	ug/kg	
71-43-2	Benzene	ND	0.61	0.46	ug/kg	
108-86-1	Bromobenzene	ND	6.1	0.48	ug/kg	
74-97-5	Bromochloromethane	ND	6.1	0.52	ug/kg	
75-27-4	Bromodichloromethane	ND	2.4	0.54	ug/kg	
75-25-2	Bromoform	ND	6.1	0.49	ug/kg	
74-83-9	Bromomethane	1.6	6.1	1.2	ug/kg	J
78-93-3	2-Butanone (MEK)	ND	12	4.6	ug/kg	
104-51-8	n-Butylbenzene	ND	2.4	0.50	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.4	0.44	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.4	0.43	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.4	0.67	ug/kg	
108-90-7	Chlorobenzene	ND	2.4	0.43	ug/kg	
75-00-3	Chloroethane	ND	6.1	0.84	ug/kg	
67-66-3	Chloroform	ND	2.4	0.45	ug/kg	
74-87-3	Chloromethane	ND	6.1	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.4	0.46	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.4	0.68	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.4	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.4	0.41	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.37	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.42	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.1	0.77	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.47	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.57	ug/kg	
75-35-4	1,1-Dichloroethene	26.4	1.2	0.80	ug/kg	
156-59-2	cis-1,2-Dichloroethene	6720 ^a	150	140	ug/kg	
156-60-5	trans-1,2-Dichloroethene	51.3	1.2	0.81	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.4	0.50	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.4	0.45	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 75-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-8	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	79.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.4	0.52	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.4	0.66	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	0.43	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	0.40	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.67	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.1	0.61	ug/kg	
98-82-8	Isopropylbenzene	ND	2.4	0.85	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.4	0.39	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.43	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.1	1.9	ug/kg	
74-95-3	Methylene bromide	ND	6.1	0.41	ug/kg	
75-09-2	Methylene chloride	ND	6.1	3.0	ug/kg	
91-20-3	Naphthalene	ND	6.1	2.4	ug/kg	
103-65-1	n-Propylbenzene	ND	2.4	0.38	ug/kg	
100-42-5	Styrene	ND	2.4	0.70	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.4	0.69	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	0.47	ug/kg	
127-18-4	Tetrachloroethene	ND	2.4	0.56	ug/kg	
108-88-3	Toluene	0.73	1.2	0.46	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	1.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.4	0.52	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.4	0.42	ug/kg	
79-01-6	Trichloroethene	26100 ^a	150	110	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.1	0.83	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.1	0.68	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	0.77	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	0.43	ug/kg	
75-01-4	Vinyl chloride	1.8	2.4	0.57	ug/kg	J
	m,p-Xylene	ND	1.2	0.91	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.71	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.71	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	99%	75-127%
17060-07-0	1,2-Dichloroethane-D4	97%	116%	75-130%
2037-26-5	Toluene-D8	95%	101%	80-120%
460-00-4	4-Bromofluorobenzene	100%	101%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 75-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-8	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	79.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 75-12	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-9	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	78.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162916.D	1	03/07/19 18:52	PS	n/a	n/a	V1C7158
Run #2							

Run #	Initial Weight
Run #1	6.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	13.4	9.6	4.8	ug/kg	
71-43-2	Benzene	ND	0.48	0.36	ug/kg	
108-86-1	Bromobenzene	ND	4.8	0.38	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.41	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.42	ug/kg	
75-25-2	Bromoform	ND	4.8	0.39	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.95	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.6	3.6	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.39	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.35	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.53	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.34	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.66	ug/kg	
67-66-3	Chloroform	ND	1.9	0.36	ug/kg	
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.54	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.80	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.32	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.96	0.31	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.96	0.29	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.96	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.96	0.33	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.96	0.37	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.96	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.96	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.96	0.92	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.96	0.64	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.39	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.35	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 75-12	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-9	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	78.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.9	0.41	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.52	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	0.96	0.53	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	0.48	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.67	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.31	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.96	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.8	0.33	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.8	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.30	ug/kg	
100-42-5	Styrene	ND	1.9	0.55	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.55	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.37	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.44	ug/kg	
108-88-3	Toluene	ND	0.96	0.36	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	0.96	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.41	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.33	ug/kg	
79-01-6	Trichloroethene	ND	0.96	0.73	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.65	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	0.53	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.61	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.34	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.96	0.71	ug/kg	
95-47-6	o-Xylene	ND	0.96	0.56	ug/kg	
1330-20-7	Xylene (total)	ND	0.96	0.56	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		75-127%
17060-07-0	1,2-Dichloroethane-D4	97%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	100%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 75-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-10	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	79.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162917.D	1	03/07/19 19:19	PS	n/a	n/a	V1C7158
Run #2							

Run #	Initial Weight
Run #1	6.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	28.6	9.9	4.9	ug/kg	
71-43-2	Benzene	ND	0.49	0.37	ug/kg	
108-86-1	Bromobenzene	ND	4.9	0.39	ug/kg	
74-97-5	Bromochloromethane	ND	4.9	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	4.9	0.40	ug/kg	
74-83-9	Bromomethane	ND	4.9	0.98	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.9	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.40	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.36	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.54	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	4.9	0.68	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	4.9	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.83	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.99	0.32	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.99	0.30	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.99	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.99	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.9	0.63	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.99	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.99	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.99	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.99	0.95	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.99	0.66	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.40	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.36	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 75-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-10	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	79.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.42	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	0.99	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.9	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.69	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.99	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.9	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.9	0.34	ug/kg	
75-09-2	Methylene chloride	ND	4.9	2.5	ug/kg	
91-20-3	Naphthalene	ND	4.9	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.57	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.56	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	0.99	0.37	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	0.99	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.99	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.42	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	0.99	0.75	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.9	0.67	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.9	0.55	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.63	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.35	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.46	ug/kg	
	m,p-Xylene	ND	0.99	0.74	ug/kg	
95-47-6	o-Xylene	ND	0.99	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	0.99	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		75-127%
17060-07-0	1,2-Dichloroethane-D4	97%		75-130%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	106%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 23B-20	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-13	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	78.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162918.D	1	03/07/19 19:46	PS	n/a	n/a	V1C7158
Run #2							

	Initial Weight
Run #1	6.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	30.5	9.5	4.8	ug/kg	
71-43-2	Benzene	ND	0.48	0.36	ug/kg	
108-86-1	Bromobenzene	ND	4.8	0.38	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.41	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.42	ug/kg	
75-25-2	Bromoform	ND	4.8	0.38	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.95	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.5	3.6	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.39	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.35	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.33	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.52	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.34	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.65	ug/kg	
67-66-3	Chloroform	ND	1.9	0.35	ug/kg	
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.53	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.80	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.32	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.95	0.31	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.95	0.29	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.95	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.95	0.33	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.60	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.95	0.37	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.95	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.95	0.62	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.95	0.91	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.95	0.63	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.39	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.35	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 23B-20	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-13	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	78.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.9	0.41	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.52	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	0.95	0.53	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	0.48	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.66	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.31	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.95	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.8	0.32	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.8	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.30	ug/kg	
100-42-5	Styrene	ND	1.9	0.55	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.54	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.37	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.44	ug/kg	
108-88-3	Toluene	ND	0.95	0.36	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	0.95	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.41	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.33	ug/kg	
79-01-6	Trichloroethene	ND	0.95	0.73	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.65	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	0.53	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.60	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.34	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.95	0.71	ug/kg	
95-47-6	o-Xylene	ND	0.95	0.55	ug/kg	
1330-20-7	Xylene (total)	ND	0.95	0.55	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		75-127%
17060-07-0	1,2-Dichloroethane-D4	98%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 23B-24	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-14	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	83.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162887.D	1	03/06/19 15:48	PS	n/a	n/a	V1C7157
Run #2							

Run #	Initial Weight
Run #1	6.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	34.6	9.5	4.8	ug/kg	
71-43-2	Benzene	ND	0.48	0.36	ug/kg	
108-86-1	Bromobenzene	ND	4.8	0.38	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.41	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.42	ug/kg	
75-25-2	Bromoform	ND	4.8	0.38	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.95	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.5	3.6	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.39	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.35	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.33	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.52	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.34	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.65	ug/kg	
67-66-3	Chloroform	ND	1.9	0.35	ug/kg	
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.54	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.80	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.32	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.95	0.31	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.95	0.29	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.95	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.95	0.33	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.95	0.37	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.95	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.95	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.95	0.91	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.95	0.64	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.39	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.35	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 23B-24
Lab Sample ID: JC83727-14
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/02/19
Percent Solids: 83.3

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.9	0.41	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.52	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	0.95	0.53	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	0.48	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.66	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.31	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.95	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.8	0.32	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.8	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.30	ug/kg	
100-42-5	Styrene	ND	1.9	0.55	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.54	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.37	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.44	ug/kg	
108-88-3	Toluene	ND	0.95	0.36	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	0.95	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.95	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.41	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.33	ug/kg	
79-01-6	Trichloroethene	ND	0.95	0.73	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.65	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	0.53	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.61	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.34	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.95	0.71	ug/kg	
95-47-6	o-Xylene	ND	0.95	0.56	ug/kg	
1330-20-7	Xylene (total)	ND	0.95	0.56	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		75-127%
17060-07-0	1,2-Dichloroethane-D4	97%		75-130%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	92%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 70-4	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-16	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	84.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162891.D	1	03/06/19 17:36	PS	n/a	n/a	V1C7157
Run #2							

Run #	Initial Weight
Run #1	11.1 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	11.9	5.3	2.7	ug/kg	
71-43-2	Benzene	ND	0.27	0.20	ug/kg	
108-86-1	Bromobenzene	ND	2.7	0.21	ug/kg	
74-97-5	Bromochloromethane	ND	2.7	0.23	ug/kg	
75-27-4	Bromodichloromethane	ND	1.1	0.24	ug/kg	
75-25-2	Bromoform	ND	2.7	0.21	ug/kg	
74-83-9	Bromomethane	ND	2.7	0.53	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.3	2.0	ug/kg	
104-51-8	n-Butylbenzene	ND	1.1	0.22	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.1	0.19	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.1	0.19	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.1	0.29	ug/kg	
108-90-7	Chlorobenzene	ND	1.1	0.19	ug/kg	
75-00-3	Chloroethane	ND	2.7	0.36	ug/kg	
67-66-3	Chloroform	ND	1.1	0.20	ug/kg	
74-87-3	Chloromethane	ND	2.7	1.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.1	0.20	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.1	0.30	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.1	0.44	ug/kg	
124-48-1	Dibromochloromethane	ND	1.1	0.18	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.53	0.17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.53	0.16	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.53	0.19	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.53	0.18	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	2.7	0.34	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.53	0.20	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.53	0.25	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.53	0.35	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.53	0.51	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.53	0.35	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.1	0.22	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.1	0.19	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 70-4
Lab Sample ID: JC83727-16
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/02/19
Percent Solids: 84.9

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.1	0.23	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.1	0.29	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	0.19	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.17	ug/kg	
100-41-4	Ethylbenzene	ND	0.53	0.29	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2.7	0.27	ug/kg	
98-82-8	Isopropylbenzene	ND	1.1	0.37	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.1	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.53	0.19	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	2.7	0.83	ug/kg	
74-95-3	Methylene bromide	ND	2.7	0.18	ug/kg	
75-09-2	Methylene chloride	ND	2.7	1.3	ug/kg	
91-20-3	Naphthalene	ND	2.7	1.1	ug/kg	
103-65-1	n-Propylbenzene	ND	1.1	0.17	ug/kg	
100-42-5	Styrene	ND	1.1	0.31	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	0.30	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	0.21	ug/kg	
127-18-4	Tetrachloroethene	0.80	1.1	0.25	ug/kg	J
108-88-3	Toluene	ND	0.53	0.20	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	2.7	0.53	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2.7	0.53	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.1	0.23	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.18	ug/kg	
79-01-6	Trichloroethene	14.7	0.53	0.40	ug/kg	
75-69-4	Trichlorofluoromethane	ND	2.7	0.36	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	2.7	0.29	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.1	0.34	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.1	0.19	ug/kg	
75-01-4	Vinyl chloride	ND	1.1	0.25	ug/kg	
	m,p-Xylene	ND	0.53	0.40	ug/kg	
95-47-6	o-Xylene	ND	0.53	0.31	ug/kg	
1330-20-7	Xylene (total)	ND	0.53	0.31	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-127%
17060-07-0	1,2-Dichloroethane-D4	102%		75-130%
2037-26-5	Toluene-D8	94%		80-120%
460-00-4	4-Bromofluorobenzene	92%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 70-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-17	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	85.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162892.D	1	03/06/19 18:03	PS	n/a	n/a	V1C7157
Run #2							

Run #	Initial Weight
Run #1	5.8 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	28.3	10	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.1	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.44	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.1	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.1	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.70	ug/kg	
67-66-3	Chloroform	ND	2.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	5.1	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.85	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 70-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-17	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	85.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.71	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.33	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.1	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.1	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.1	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.32	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/kg	
127-18-4	Tetrachloroethene	0.68	2.0	0.47	ug/kg	J
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.35	ug/kg	
79-01-6	Trichloroethene	16.5	1.0	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.76	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		75-127%
17060-07-0	1,2-Dichloroethane-D4	99%		75-130%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	91%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 70-12	
Lab Sample ID:	JC83727-18	Date Sampled: 02/28/19
Matrix:	SO - Soil	Date Received: 03/02/19
Method:	SW846 8260C	Percent Solids: 79.5
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162893.D	1	03/06/19 18:30	PS	n/a	n/a	V1C7157
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	16.0	11	5.7	ug/kg	
71-43-2	Benzene	ND	0.57	0.43	ug/kg	
108-86-1	Bromobenzene	ND	5.7	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.51	ug/kg	
75-25-2	Bromoform	ND	5.7	0.46	ug/kg	
74-83-9	Bromomethane	ND	5.7	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.3	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	0.47	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	0.42	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	0.40	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.63	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.40	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.79	ug/kg	
67-66-3	Chloroform	ND	2.3	0.43	ug/kg	
74-87-3	Chloromethane	ND	5.7	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.3	0.43	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.3	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.96	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.39	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.54	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.75	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.76	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.47	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.3	0.42	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 70-12	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-18	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	79.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.3	0.49	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.3	0.62	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.40	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.37	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.63	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	0.58	ug/kg	
98-82-8	Isopropylbenzene	ND	2.3	0.80	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.3	0.37	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.7	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.7	0.39	ug/kg	
75-09-2	Methylene chloride	ND	5.7	2.9	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.3	0.36	ug/kg	
100-42-5	Styrene	ND	2.3	0.66	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.3	0.65	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.45	ug/kg	
127-18-4	Tetrachloroethene	1.3	2.3	0.53	ug/kg	J
108-88-3	Toluene	ND	1.1	0.43	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.49	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.39	ug/kg	
79-01-6	Trichloroethene	14.8	1.1	0.87	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.78	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	0.63	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.73	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.41	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.54	ug/kg	
	m,p-Xylene	ND	1.1	0.85	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.67	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.67	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		75-127%
17060-07-0	1,2-Dichloroethane-D4	98%		75-130%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	93%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 70-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-19	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	79.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162894.D	1	03/06/19 18:57	PS	n/a	n/a	V1C7157
Run #2							

Run #	Initial Weight
Run #1	3.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	46.0	17	8.5	ug/kg	
71-43-2	Benzene	ND	0.85	0.64	ug/kg	
108-86-1	Bromobenzene	ND	8.5	0.67	ug/kg	
74-97-5	Bromochloromethane	ND	8.5	0.73	ug/kg	
75-27-4	Bromodichloromethane	ND	3.4	0.75	ug/kg	
75-25-2	Bromoform	ND	8.5	0.69	ug/kg	
74-83-9	Bromomethane	ND	8.5	1.7	ug/kg	
78-93-3	2-Butanone (MEK)	ND	17	6.4	ug/kg	
104-51-8	n-Butylbenzene	ND	3.4	0.69	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.4	0.62	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.4	0.60	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.4	0.93	ug/kg	
108-90-7	Chlorobenzene	ND	3.4	0.60	ug/kg	
75-00-3	Chloroethane	ND	8.5	1.2	ug/kg	
67-66-3	Chloroform	ND	3.4	0.63	ug/kg	
74-87-3	Chloromethane	ND	8.5	3.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.4	0.65	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.4	0.96	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.4	ug/kg	
124-48-1	Dibromochloromethane	ND	3.4	0.57	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.7	0.55	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.52	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.61	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.58	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	8.5	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.65	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.80	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	1.6	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.4	0.69	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.4	0.62	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 70-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-19	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	79.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	3.4	0.73	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.4	0.92	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.4	0.60	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.4	0.56	ug/kg	
100-41-4	Ethylbenzene	ND	1.7	0.94	ug/kg	
87-68-3	Hexachlorobutadiene	ND	8.5	0.86	ug/kg	
98-82-8	Isopropylbenzene	ND	3.4	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.4	0.55	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.60	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	8.5	2.7	ug/kg	
74-95-3	Methylene bromide	ND	8.5	0.58	ug/kg	
75-09-2	Methylene chloride	ND	8.5	4.2	ug/kg	
91-20-3	Naphthalene	ND	8.5	3.4	ug/kg	
103-65-1	n-Propylbenzene	ND	3.4	0.53	ug/kg	
100-42-5	Styrene	ND	3.4	0.98	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.4	0.97	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.4	0.66	ug/kg	
127-18-4	Tetrachloroethene	3.4	3.4	0.79	ug/kg	
108-88-3	Toluene	ND	1.7	0.64	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	8.5	1.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	8.5	1.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.4	0.72	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.4	0.58	ug/kg	
79-01-6	Trichloroethene	59.5	1.7	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	8.5	1.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	8.5	0.94	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.4	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.4	0.61	ug/kg	
75-01-4	Vinyl chloride	ND	3.4	0.80	ug/kg	
	m,p-Xylene	ND	1.7	1.3	ug/kg	
95-47-6	o-Xylene	ND	1.7	0.99	ug/kg	
1330-20-7	Xylene (total)	ND	1.7	0.99	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		75-127%
17060-07-0	1,2-Dichloroethane-D4	99%		75-130%
2037-26-5	Toluene-D8	94%		80-120%
460-00-4	4-Bromofluorobenzene	92%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 71-4	
Lab Sample ID:	JC83727-22	Date Sampled: 02/28/19
Matrix:	SO - Soil	Date Received: 03/02/19
Method:	SW846 8260C	Percent Solids: 86.5
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162908.D	1	03/07/19 15:15	PS	n/a	n/a	V1C7158
Run #2							

	Initial Weight
Run #1	5.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	18.1	10	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.1	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.44	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.1	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.1	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.70	ug/kg	
67-66-3	Chloroform	ND	2.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	5.1	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.39	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.85	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 71-4	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-22	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	86.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.44	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.71	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.33	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.1	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.1	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.1	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.32	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/kg	
127-18-4	Tetrachloroethene	0.97	2.0	0.47	ug/kg	J
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.35	ug/kg	
79-01-6	Trichloroethene	90.9	1.0	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.76	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		75-127%
17060-07-0	1,2-Dichloroethane-D4	96%		75-130%
2037-26-5	Toluene-D8	94%		80-120%
460-00-4	4-Bromofluorobenzene	92%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 71-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-23	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	83.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162909.D	1	03/07/19 15:42	PS	n/a	n/a	V1C7158
Run #2							

Run #	Initial Weight
Run #1	5.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	5.6	ug/kg	
71-43-2	Benzene	ND	0.56	0.42	ug/kg	
108-86-1	Bromobenzene	ND	5.6	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.48	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.50	ug/kg	
75-25-2	Bromoform	ND	5.6	0.45	ug/kg	
74-83-9	Bromomethane	ND	5.6	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.46	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.41	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.39	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.62	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.40	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.77	ug/kg	
67-66-3	Chloroform	ND	2.2	0.42	ug/kg	
74-87-3	Chloromethane	ND	5.6	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.43	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.63	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.94	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.38	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.40	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	0.71	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.43	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.74	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.75	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.46	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.41	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 71-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-23	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	83.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.48	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.61	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.40	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.37	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.62	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	0.57	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.78	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.36	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.6	0.38	ug/kg	
75-09-2	Methylene chloride	ND	5.6	2.8	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.35	ug/kg	
100-42-5	Styrene	ND	2.2	0.65	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.64	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.44	ug/kg	
127-18-4	Tetrachloroethene	1.3	2.2	0.52	ug/kg	J
108-88-3	Toluene	ND	1.1	0.42	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.38	ug/kg	
79-01-6	Trichloroethene	65.8	1.1	0.86	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	0.77	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	0.62	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.71	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.40	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.53	ug/kg	
	m,p-Xylene	ND	1.1	0.84	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.66	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.66	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		75-127%
17060-07-0	1,2-Dichloroethane-D4	95%		75-130%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	91%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 71-12		
Lab Sample ID:	JC83727-24	Date Sampled:	02/28/19
Matrix:	SO - Soil	Date Received:	03/02/19
Method:	SW846 8260C	Percent Solids:	78.8
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162910.D	1	03/07/19 16:09	PS	n/a	n/a	V1C7158
Run #2	D262893.D	1	03/08/19 15:24	TDN	n/a	n/a	VD10602

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.1 g		
Run #2	6.2 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	9.7	10	5.2	ug/kg	J
71-43-2	Benzene	ND	0.52	0.39	ug/kg	
108-86-1	Bromobenzene	ND	5.2	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	5.2	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.46	ug/kg	
75-25-2	Bromoform	ND	5.2	0.42	ug/kg	
74-83-9	Bromomethane	ND	5.2	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.42	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.38	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.57	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.37	ug/kg	
75-00-3	Chloroethane	ND	5.2	0.71	ug/kg	
67-66-3	Chloroform	0.47	2.1	0.39	ug/kg	J
74-87-3	Chloromethane	ND	5.2	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.58	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.87	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.35	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.37	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.36	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.2	0.66	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.40	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.68	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.69	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.42	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.38	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 71-12
Lab Sample ID: JC83727-24
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19

Date Received: 03/02/19

Percent Solids: 78.8

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.56	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.57	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.2	0.52	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.73	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.33	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.2	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.2	0.35	ug/kg	
75-09-2	Methylene chloride	ND	5.2	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.2	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.32	ug/kg	
100-42-5	Styrene	ND	2.1	0.60	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.59	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.41	ug/kg	
127-18-4	Tetrachloroethene	6.8	2.1	0.48	ug/kg	
108-88-3	Toluene	ND	1.0	0.39	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.44	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	1210 ^a	120	88	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.2	0.71	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.2	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.66	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.49	ug/kg	
	m,p-Xylene	ND	1.0	0.78	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	99%	75-127%
17060-07-0	1,2-Dichloroethane-D4	96%	116%	75-130%
2037-26-5	Toluene-D8	95%	101%	80-120%
460-00-4	4-Bromofluorobenzene	92%	102%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 71-12	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-24	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	78.8
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 71 (16)	
Lab Sample ID:	JC83727-25	Date Sampled: 02/28/19
Matrix:	SO - Soil	Date Received: 03/02/19
Method:	SW846 8260C	Percent Solids: 77.7
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162950.D	1	03/09/19 17:48	PS	n/a	n/a	V1C7160
Run #2							

	Initial Weight
Run #1	6.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	26.4	11	5.4	ug/kg	
71-43-2	Benzene	ND	0.54	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.4	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.48	ug/kg	
75-25-2	Bromoform	ND	5.4	0.43	ug/kg	
74-83-9	Bromomethane	ND	5.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.74	ug/kg	
67-66-3	Chloroform	ND	2.1	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.90	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.72	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.44	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 71 (16)	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-25	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	77.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.75	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.4	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.62	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.50	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.37	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.82	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.73	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	0.60	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.50	ug/kg	
	m,p-Xylene	ND	1.1	0.80	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.63	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.63	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-127%
17060-07-0	1,2-Dichloroethane-D4	96%		75-130%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	103%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 17B (20)	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-28	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	79.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	E257818.D	1	03/12/19 15:35	TDN	n/a	n/a	VE11048
Run #2	E257856.D	1	03/13/19 17:20	TDN	n/a	n/a	VE11049
Run #3	E257844.D	1	03/13/19 11:16	TDN	n/a	n/a	VE11049

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.7 g	10.0 ml	100 ul
Run #2	5.7 g	10.0 ml	1.0 ul
Run #3	5.7 g	10.0 ml	2.0 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	1200	620	ug/kg	
71-43-2	Benzene	ND	62	47	ug/kg	
108-86-1	Bromobenzene	ND	620	49	ug/kg	
74-97-5	Bromochloromethane	ND	620	53	ug/kg	
75-27-4	Bromodichloromethane	ND	250	55	ug/kg	
75-25-2	Bromoform	ND	620	50	ug/kg	
74-83-9	Bromomethane ^b	ND	620	120	ug/kg	
78-93-3	2-Butanone (MEK)	ND	1200	460	ug/kg	
104-51-8	n-Butylbenzene	ND	250	51	ug/kg	
135-98-8	sec-Butylbenzene	ND	250	45	ug/kg	
98-06-6	tert-Butylbenzene	ND	250	44	ug/kg	
56-23-5	Carbon tetrachloride	ND	250	68	ug/kg	
108-90-7	Chlorobenzene	ND	250	44	ug/kg	
75-00-3	Chloroethane	ND	620	85	ug/kg	
67-66-3	Chloroform	ND	250	46	ug/kg	
74-87-3	Chloromethane	ND	620	240	ug/kg	
95-49-8	o-Chlorotoluene	ND	250	47	ug/kg	
106-43-4	p-Chlorotoluene	ND	250	70	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	100	ug/kg	
124-48-1	Dibromochloromethane	ND	250	42	ug/kg	
106-93-4	1,2-Dibromoethane ^c	ND	120	40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	120	38	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	120	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	120	43	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	620	79	ug/kg	
75-34-3	1,1-Dichloroethane	ND	120	48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	120	58	ug/kg	
75-35-4	1,1-Dichloroethene	ND	120	82	ug/kg	
156-59-2	cis-1,2-Dichloroethene	9130	120	120	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	120	83	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 17B (20)	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-28	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	79.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	250	51	ug/kg	
142-28-9	1,3-Dichloropropane	ND	250	46	ug/kg	
594-20-7	2,2-Dichloropropane	ND	250	53	ug/kg	
563-58-6	1,1-Dichloropropene	ND	250	68	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	250	44	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	250	41	ug/kg	
100-41-4	Ethylbenzene	ND	120	69	ug/kg	
87-68-3	Hexachlorobutadiene	ND	620	63	ug/kg	
98-82-8	Isopropylbenzene	ND	250	87	ug/kg	
99-87-6	p-Isopropyltoluene	ND	250	40	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	120	44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	620	190	ug/kg	
74-95-3	Methylene bromide	ND	620	42	ug/kg	
75-09-2	Methylene chloride	ND	620	310	ug/kg	
91-20-3	Naphthalene	ND	620	250	ug/kg	
103-65-1	n-Propylbenzene	ND	250	39	ug/kg	
100-42-5	Styrene	ND	250	71	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	71	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	48	ug/kg	
127-18-4	Tetrachloroethene	ND	250	57	ug/kg	
108-88-3	Toluene	ND	120	47	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	620	120	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	620	120	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	250	53	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	250	43	ug/kg	
79-01-6	Trichloroethene	1560000 ^d	12000	9500	ug/kg	
75-69-4	Trichlorofluoromethane	ND	620	85	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	620	69	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	250	79	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	250	44	ug/kg	
75-01-4	Vinyl chloride	ND	250	58	ug/kg	
	m,p-Xylene	ND	120	93	ug/kg	
95-47-6	o-Xylene	ND	120	72	ug/kg	
1330-20-7	Xylene (total)	ND	120	72	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	99%	97%	101%	75-127%
17060-07-0	1,2-Dichloroethane-D4	92%	93%	94%	75-130%
2037-26-5	Toluene-D8	92%	93%	92%	80-120%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 17B (20)	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-28	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	79.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
460-00-4	4-Bromofluorobenzene	102%	103%	103%	79-127%

- (a) Diluted due to high concentration of target compound.
- (b) Associated CCV outside of control limits high, sample was ND.
- (c) Associated CCV and BS outside of control limits high, sample was ND.
- (d) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 17B (24)	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-29	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	82.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162912.D	1	03/07/19 17:04	PS	n/a	n/a	V1C7158
Run #2							

Run #	Initial Weight
Run #1	6.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	33.5	9.3	4.7	ug/kg	
71-43-2	Benzene	ND	0.47	0.35	ug/kg	
108-86-1	Bromobenzene	ND	4.7	0.37	ug/kg	
74-97-5	Bromochloromethane	ND	4.7	0.40	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.41	ug/kg	
75-25-2	Bromoform	ND	4.7	0.38	ug/kg	
74-83-9	Bromomethane	ND	4.7	0.93	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.3	3.5	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.38	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.34	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.33	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.51	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.33	ug/kg	
75-00-3	Chloroethane	ND	4.7	0.64	ug/kg	
67-66-3	Chloroform	ND	1.9	0.35	ug/kg	
74-87-3	Chloromethane	ND	4.7	1.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.53	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.78	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.32	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.93	0.30	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.93	0.29	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.93	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.93	0.32	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.7	0.59	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.93	0.36	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.93	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.93	0.61	ug/kg	
156-59-2	cis-1,2-Dichloroethene	50.9	0.93	0.89	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.76	0.93	0.62	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	1.9	0.38	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.34	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 17B (24)	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-29	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	82.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.9	0.40	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.51	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.33	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	0.93	0.52	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.7	0.47	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.65	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.30	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.93	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.7	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.7	0.32	ug/kg	
75-09-2	Methylene chloride	ND	4.7	2.3	ug/kg	
91-20-3	Naphthalene	ND	4.7	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.29	ug/kg	
100-42-5	Styrene	ND	1.9	0.54	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.53	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.36	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.43	ug/kg	
108-88-3	Toluene	ND	0.93	0.35	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.7	0.93	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.7	0.93	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.40	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.32	ug/kg	
79-01-6	Trichloroethene	4.8	0.93	0.71	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.7	0.64	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.7	0.52	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.59	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.33	ug/kg	
75-01-4	Vinyl chloride	14.4	1.9	0.44	ug/kg	
	m,p-Xylene	ND	0.93	0.70	ug/kg	
95-47-6	o-Xylene	ND	0.93	0.54	ug/kg	
1330-20-7	Xylene (total)	ND	0.93	0.54	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		75-127%
17060-07-0	1,2-Dichloroethane-D4	97%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	95%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 17B (28)	
Lab Sample ID:	JC83727-30	Date Sampled: 03/01/19
Matrix:	SO - Soil	Date Received: 03/02/19
Method:	SW846 8260C	Percent Solids: 80.7
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C224777.D	1	03/04/19 19:08	RS	n/a	n/a	VC8376
Run #2							

Run #	Initial Weight
Run #1	7.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	15.9	8.9	4.4	ug/kg	
71-43-2	Benzene	ND	0.44	0.33	ug/kg	
108-86-1	Bromobenzene	ND	4.4	0.35	ug/kg	
74-97-5	Bromochloromethane	ND	4.4	0.38	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.39	ug/kg	
75-25-2	Bromoform	ND	4.4	0.36	ug/kg	
74-83-9	Bromomethane	ND	4.4	0.88	ug/kg	
78-93-3	2-Butanone (MEK) ^a	ND	8.9	3.3	ug/kg	
104-51-8	n-Butylbenzene	ND	1.8	0.36	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.8	0.32	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.8	0.31	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.49	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.31	ug/kg	
75-00-3	Chloroethane	ND	4.4	0.61	ug/kg	
67-66-3	Chloroform	ND	1.8	0.33	ug/kg	
74-87-3	Chloromethane	ND	4.4	1.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.8	0.34	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.8	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.74	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.30	ug/kg	
106-93-4	1,2-Dibromoethane ^b	ND	0.89	0.29	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.89	0.27	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.89	0.32	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.89	0.30	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.4	0.56	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.89	0.34	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.89	0.42	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.89	0.58	ug/kg	
156-59-2	cis-1,2-Dichloroethene ^b	ND	0.89	0.85	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.89	0.59	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.36	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.8	0.32	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 17B (28)

Lab Sample ID: JC83727-30

Matrix: SO - Soil

Method: SW846 8260C

Project: GE, 13th Street, Tell City, IN

Date Sampled: 03/01/19

Date Received: 03/02/19

Percent Solids: 80.7

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.8	0.38	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.8	0.48	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.31	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.29	ug/kg	
100-41-4	Ethylbenzene	ND	0.89	0.49	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.4	0.45	ug/kg	
98-82-8	Isopropylbenzene	ND	1.8	0.62	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.8	0.28	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.89	0.31	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.4	1.4	ug/kg	
74-95-3	Methylene bromide	ND	4.4	0.30	ug/kg	
75-09-2	Methylene chloride	ND	4.4	2.2	ug/kg	
91-20-3	Naphthalene	ND	4.4	1.8	ug/kg	
103-65-1	n-Propylbenzene	ND	1.8	0.28	ug/kg	
100-42-5	Styrene	ND	1.8	0.51	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.8	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.35	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.41	ug/kg	
108-88-3	Toluene	ND	0.89	0.33	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.4	0.89	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.4	0.89	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.38	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.30	ug/kg	
79-01-6	Trichloroethene	10	0.89	0.67	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.4	0.60	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.4	0.49	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.56	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.32	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.42	ug/kg	
	m,p-Xylene	ND	0.89	0.66	ug/kg	
95-47-6	o-Xylene	ND	0.89	0.52	ug/kg	
1330-20-7	Xylene (total)	ND	0.89	0.52	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		75-127%
17060-07-0	1,2-Dichloroethane-D4	93%		75-130%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	102%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 17B (28)	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-30	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	80.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits high, sample was ND.
(b) This compound in BS is outside in house QC limits bias high.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	P 26 (4)		
Lab Sample ID:	JC83727-31	Date Sampled:	03/01/19
Matrix:	SO - Soil	Date Received:	03/02/19
Method:	SW846 8260C	Percent Solids:	82.1
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	E257842.D	1	03/13/19 10:15	TDN	n/a	n/a	VE11049
Run #2	E257843.D	1	03/13/19 10:45	TDN	n/a	n/a	VE11049

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.8 g	10.0 ml	100 ul
Run #2	5.8 g	10.0 ml	10.0 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	1200	580	ug/kg	
71-43-2	Benzene	ND	58	44	ug/kg	
108-86-1	Bromobenzene	ND	580	46	ug/kg	
74-97-5	Bromochloromethane	ND	580	50	ug/kg	
75-27-4	Bromodichloromethane	ND	230	51	ug/kg	
75-25-2	Bromoform	ND	580	47	ug/kg	
74-83-9	Bromomethane	ND	580	120	ug/kg	
78-93-3	2-Butanone (MEK)	ND	1200	430	ug/kg	
104-51-8	n-Butylbenzene	ND	230	47	ug/kg	
135-98-8	sec-Butylbenzene	ND	230	42	ug/kg	
98-06-6	tert-Butylbenzene	ND	230	41	ug/kg	
56-23-5	Carbon tetrachloride	ND	230	64	ug/kg	
108-90-7	Chlorobenzene	ND	230	41	ug/kg	
75-00-3	Chloroethane	ND	580	80	ug/kg	
67-66-3	Chloroform	ND	230	43	ug/kg	
74-87-3	Chloromethane	ND	580	230	ug/kg	
95-49-8	o-Chlorotoluene	ND	230	44	ug/kg	
106-43-4	p-Chlorotoluene	ND	230	65	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	230	97	ug/kg	
124-48-1	Dibromochloromethane	ND	230	39	ug/kg	
106-93-4	1,2-Dibromoethane ^b	ND	120	38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	120	35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	120	42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	120	40	ug/kg	
75-71-8	Dichlorodifluoromethane ^c	ND	580	74	ug/kg	
75-34-3	1,1-Dichloroethane	ND	120	45	ug/kg	
107-06-2	1,2-Dichloroethane	ND	120	54	ug/kg	
75-35-4	1,1-Dichloroethene	ND	120	76	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	120	110	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	120	77	ug/kg	
78-87-5	1,2-Dichloropropane	ND	230	47	ug/kg	
142-28-9	1,3-Dichloropropane	ND	230	43	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	P 26 (4)	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-31	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	82.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	230	50	ug/kg	
563-58-6	1,1-Dichloropropene	ND	230	63	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	230	41	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	230	38	ug/kg	
100-41-4	Ethylbenzene	ND	120	64	ug/kg	
87-68-3	Hexachlorobutadiene	ND	580	58	ug/kg	
98-82-8	Isopropylbenzene	ND	230	81	ug/kg	
99-87-6	p-Isopropyltoluene	ND	230	37	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	120	41	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	580	180	ug/kg	
74-95-3	Methylene bromide	ND	580	39	ug/kg	
75-09-2	Methylene chloride	ND	580	290	ug/kg	
91-20-3	Naphthalene	ND	580	230	ug/kg	
103-65-1	n-Propylbenzene	ND	230	36	ug/kg	
100-42-5	Styrene	ND	230	67	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	230	66	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	230	45	ug/kg	
127-18-4	Tetrachloroethene	28300 d	2300	540	ug/kg	
108-88-3	Toluene	ND	120	44	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	580	120	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	580	120	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	230	49	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	230	40	ug/kg	
79-01-6	Trichloroethene	ND	120	88	ug/kg	
75-69-4	Trichlorofluoromethane	ND	580	79	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	580	64	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	230	74	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	230	41	ug/kg	
75-01-4	Vinyl chloride	ND	230	54	ug/kg	
	m,p-Xylene	ND	120	86	ug/kg	
95-47-6	o-Xylene	ND	120	68	ug/kg	
1330-20-7	Xylene (total)	ND	120	68	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	94%	94%	75-130%
2037-26-5	Toluene-D8	94%	94%	80-120%
460-00-4	4-Bromofluorobenzene	102%	101%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	P 26 (4)	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-31	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	82.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Diluted due to high concentration of target compound.
- (b) This compound in BS is outside in house QC limits bias high.
- (c) Associated CCV outside of control limits high, sample was ND.
- (d) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	P 26 (16)	
Lab Sample ID:	JC83727-32	Date Sampled: 03/01/19
Matrix:	SO - Soil	Date Received: 03/02/19
Method:	SW846 8260C	Percent Solids: 78.0
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C224778.D	1	03/04/19 19:36	RS	n/a	n/a	VC8376
Run #2							

	Initial Weight
Run #1	6.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	35.1	11	5.3	ug/kg	
71-43-2	Benzene	ND	0.53	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.3	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.47	ug/kg	
75-25-2	Bromoform	ND	5.3	0.43	ug/kg	
74-83-9	Bromomethane	ND	5.3	1.1	ug/kg	
78-93-3	2-Butanone (MEK) ^a	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.73	ug/kg	
67-66-3	Chloroform	ND	2.1	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.3	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane ^b	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene ^b	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.71	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: P 26 (16)
Lab Sample ID: JC83727-32
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 03/01/19
Date Received: 03/02/19
Percent Solids: 78.0

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.74	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.3	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.3	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.3	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.61	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.49	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.37	ug/kg	
79-01-6	Trichloroethene	1.1	1.1	0.81	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.73	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	0.59	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.50	ug/kg	
	m,p-Xylene	ND	1.1	0.80	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.62	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.62	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		75-127%
17060-07-0	1,2-Dichloroethane-D4	92%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	P 26 (16)	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-32	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	78.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

(b) This compound in BS is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP X	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-35	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	80.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	E257820.D	1	03/12/19 16:34	TDN	n/a	n/a	VE11048
Run #2	E257857.D	1	03/13/19 17:50	TDN	n/a	n/a	VE11049
Run #3	E257845.D	1	03/13/19 11:46	TDN	n/a	n/a	VE11049

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.8 g	10.0 ml	100 ul
Run #2	5.8 g	10.0 ml	1.0 ul
Run #3	5.8 g	10.0 ml	2.0 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	1200	590	ug/kg	
71-43-2	Benzene	ND	59	45	ug/kg	
108-86-1	Bromobenzene	ND	590	47	ug/kg	
74-97-5	Bromochloromethane	ND	590	51	ug/kg	
75-27-4	Bromodichloromethane	ND	240	52	ug/kg	
75-25-2	Bromoform	ND	590	48	ug/kg	
74-83-9	Bromomethane ^b	ND	590	120	ug/kg	
78-93-3	2-Butanone (MEK)	ND	1200	440	ug/kg	
104-51-8	n-Butylbenzene	ND	240	48	ug/kg	
135-98-8	sec-Butylbenzene	ND	240	43	ug/kg	
98-06-6	tert-Butylbenzene	ND	240	42	ug/kg	
56-23-5	Carbon tetrachloride	ND	240	65	ug/kg	
108-90-7	Chlorobenzene	ND	240	42	ug/kg	
75-00-3	Chloroethane	ND	590	81	ug/kg	
67-66-3	Chloroform	ND	240	44	ug/kg	
74-87-3	Chloromethane	ND	590	230	ug/kg	
95-49-8	o-Chlorotoluene	ND	240	45	ug/kg	
106-43-4	p-Chlorotoluene	ND	240	67	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	240	99	ug/kg	
124-48-1	Dibromochloromethane	ND	240	40	ug/kg	
106-93-4	1,2-Dibromoethane ^c	ND	120	38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	120	36	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	120	42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	120	41	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	590	75	ug/kg	
75-34-3	1,1-Dichloroethane	ND	120	46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	120	56	ug/kg	
75-35-4	1,1-Dichloroethene	ND	120	78	ug/kg	
156-59-2	cis-1,2-Dichloroethene	8540	120	110	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	120	79	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP X	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-35	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	80.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	240	48	ug/kg	
142-28-9	1,3-Dichloropropane	ND	240	43	ug/kg	
594-20-7	2,2-Dichloropropane	ND	240	51	ug/kg	
563-58-6	1,1-Dichloropropene	ND	240	64	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	240	42	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	240	39	ug/kg	
100-41-4	Ethylbenzene	ND	120	65	ug/kg	
87-68-3	Hexachlorobutadiene	ND	590	60	ug/kg	
98-82-8	Isopropylbenzene	ND	240	83	ug/kg	
99-87-6	p-Isopropyltoluene	ND	240	38	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	120	42	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	590	180	ug/kg	
74-95-3	Methylene bromide	ND	590	40	ug/kg	
75-09-2	Methylene chloride	ND	590	300	ug/kg	
91-20-3	Naphthalene	ND	590	240	ug/kg	
103-65-1	n-Propylbenzene	ND	240	37	ug/kg	
100-42-5	Styrene	ND	240	68	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	240	67	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	240	46	ug/kg	
127-18-4	Tetrachloroethene	ND	240	55	ug/kg	
108-88-3	Toluene	ND	120	45	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	590	120	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	590	120	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	240	50	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	240	40	ug/kg	
79-01-6	Trichloroethene	1410000 ^d	12000	9000	ug/kg	
75-69-4	Trichlorofluoromethane	ND	590	81	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	590	66	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	240	75	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	240	42	ug/kg	
75-01-4	Vinyl chloride	ND	240	56	ug/kg	
	m,p-Xylene	ND	120	88	ug/kg	
95-47-6	o-Xylene	ND	120	69	ug/kg	
1330-20-7	Xylene (total)	ND	120	69	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	98%	99%	101%	75-127%
17060-07-0	1,2-Dichloroethane-D4	92%	92%	95%	75-130%
2037-26-5	Toluene-D8	93%	93%	92%	80-120%

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP X	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-35	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	80.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
460-00-4	4-Bromofluorobenzene	104%	103%	102%	79-127%

- (a) Diluted due to high concentration of target compound.
- (b) Associated CCV outside of control limits high, sample was ND.
- (c) Associated CCV and BS outside of control limits high, sample was ND.
- (d) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP 3						
Lab Sample ID:	JC83727-36					Date Sampled:	03/01/19
Matrix:	SO - Soil					Date Received:	03/02/19
Method:	SW846 8260C					Percent Solids:	78.3
Project:	GE, 13th Street, Tell City, IN						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C224779.D	1	03/04/19 20:04	RS	n/a	n/a	VC8376
Run #2	E257841.D	1	03/13/19 09:45	TDN	n/a	n/a	VE11049

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.8 g		
Run #2	6.7 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	39.4	11	5.5	ug/kg	
71-43-2	Benzene	ND	0.55	0.42	ug/kg	
108-86-1	Bromobenzene	ND	5.5	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	0.47	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.49	ug/kg	
75-25-2	Bromoform	ND	5.5	0.44	ug/kg	
74-83-9	Bromomethane	ND	5.5	1.1	ug/kg	
78-93-3	2-Butanone (MEK) ^a	ND	11	4.1	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.45	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.40	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.39	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.61	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.39	ug/kg	
75-00-3	Chloroethane	ND	5.5	0.76	ug/kg	
67-66-3	Chloroform	ND	2.2	0.41	ug/kg	
74-87-3	Chloromethane	ND	5.5	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.42	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.62	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.92	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.37	ug/kg	
106-93-4	1,2-Dibromoethane ^b	ND	1.1	0.36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.40	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.38	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	0.70	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.52	ug/kg	
75-35-4	1,1-Dichloroethene	15.8	1.1	0.72	ug/kg	
156-59-2	cis-1,2-Dichloroethene	2350 ^c	110	100	ug/kg	
156-60-5	trans-1,2-Dichloroethene	21.5	1.1	0.73	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.45	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.40	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP 3	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-36	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	78.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.47	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.39	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.36	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.61	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	0.55	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.77	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.35	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.39	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.5	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.5	0.37	ug/kg	
75-09-2	Methylene chloride	ND	5.5	2.8	ug/kg	
91-20-3	Naphthalene	ND	5.5	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.34	ug/kg	
100-42-5	Styrene	ND	2.2	0.63	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.63	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.43	ug/kg	
127-18-4	Tetrachloroethene	0.53	2.2	0.51	ug/kg	J
108-88-3	Toluene	ND	1.1	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.38	ug/kg	
79-01-6	Trichloroethene	9490 ^c	110	83	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	0.75	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	0.61	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.70	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.39	ug/kg	
75-01-4	Vinyl chloride	1.0	2.2	0.52	ug/kg	J
	m,p-Xylene	ND	1.1	0.82	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.64	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.64	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	94%	92%	75-130%
2037-26-5	Toluene-D8	99%	94%	80-120%
460-00-4	4-Bromofluorobenzene	104%	102%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP 3	Date Sampled:	03/01/19
Lab Sample ID:	JC83727-36	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	78.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits high, sample was ND.
- (b) This compound in BS is outside in house QC limits bias high.
- (c) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

7715 Route 110, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

PAGE ____ OF ____

785785697716
FED-EX Tracking # 64036 0061 3380
Accutest Quote #
Bottle Order Control #
Accutest Job # JC 83727

Client / Reporting Information				Project Information				Requested Analysis (see TEST CODE sheet)												Matrix Codes	
Company Name Arcadis				Project Name GE Tell City				VOCs (8260)												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank	
Street Address 150 W. Market, Suite 728				Street																	
City State Zip Indianapolis, IN 46204				City State																	
Project Contact Daniel.Petzold@arcadis.com				Project # ALL00911.0017																	
Phone # 317-709-0081				Client Purchase Order #																	
Sampler(s) Name(s)				Project Manager Jon Akin																	
Turnaround Time (Business days)				Data Deliverable Information				Comments / Special Instructions													
<input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> other				Approved By (Accutest PM): / Date: _____ _____ _____ _____ _____ _____ Emergency & Rush TIA data available VIA Lablink				<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> FULLT1 (Level 3+4) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other: _____ Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data												INITIAL ASSESSMENT <u>380</u> LABEL VERIFICATION _____	
Relinquished by Sampler:				Received By:				Relinquished by:												Received By:	
1 <u>OK</u>				3/7/19 1630				2 <u>Ross</u>												2 <u>Dr</u>	
Relinquished by Sampler:				Received By:				Relinquished by:												Received By:	
3				3				4												4	
Relinquished by:				Received By:				Relinquished by:												Received By:	
5				5				5												5	
Custody Seal # 1946				Intact <input checked="" type="checkbox"/> Not Intact <input type="checkbox"/>				Preserved where applicable <input type="checkbox"/>												On Ice <input checked="" type="checkbox"/> Cooler Temp. <u>2.1, 1.9°C IP</u>	

JC83727: Chain of Custody

Page 1 of 5



CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

Page __ of __

Client / Reporting Information				Project Information				Requested Analysis												Matrix Codes	
Company Name: Acadus				Project Name: BE Tell City																DW - Drinking Water GW - Ground Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinsate Blank TB - Trip Blank	
Street Address: 150 W Market				Street: 																	
City: Indianapolis IN				City: 																	
State: 				State: 																	
Zip: 				Zip: 																	
Project Contact: Daniel Petzold				Project # AL 00911																	
Phone # 				Client Purchase Order # 																	
Sampler(s) Name(s): John Aken				Attention: 																	
Turn Around Time (Business Days)				Deliverable																Comments / Special Instructions	
<input type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days <input type="checkbox"/> 2 Business Days <input type="checkbox"/> 1 Business Day <input type="checkbox"/> Other				<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NJ Reduced (Level 3) <input type="checkbox"/> Full Tier I (Level 4) <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NJ DKQP				<input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> MA MCP Criteria <input type="checkbox"/> CT RCP Criteria <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format												<input type="checkbox"/> DQG-QSMS	
Approval needed for 1-3 Business Day TAT				Approval needed for 1-3 Business Day TAT																	
Sample Custody must be documented below each time samples change possession, including courier delivery.																					
Relinquished By: 1/17/19 1630				Received By: Roman				Relinquished By: Roman												Received By: Roman	
Date / Time: 1/17/19 1630				Date / Time: 1/17/19 1630				Date / Time: 1/17/19 1630												Date / Time: 1/17/19 1630	
Relinquished By: 3				Received By: 5				Relinquished By: 4												Received By: 4	
Relinquished By: 5				Received By: 5				Custody Seal # <input type="checkbox"/> Intact <input type="checkbox"/> Preserved where applicable <input type="checkbox"/> On Ice <input type="checkbox"/> Cooler Temp. °C													


EHSQA-QAC-0023-02-FORM-Dayton - Standard COC.xlsx

JC83727: Chain of Custody

Page 2 of 5



SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

		SGS North America Inc. - Dayton 2235 Route 130, Dayton, NJ 08810 TEL: 732-329-0200 FAX: 732-329-3499/3480 www.sgs.com/ehsusa		FED-EX Tracking # _____ SGS Quote # _____		Shipment Order Control # _____ SGS Job # JC 83727	
Client / Reporting Information Company Name: Broadie's Street Address: 150 W. Market City: Indianapolis, IN State: _____ Zip: _____ Project Contact: Daniel Petzold E-Mail: _____ Phone #: _____ Sample(s) Name: K. Mitchell 31755246		Project Information Project Name: GE Tell City Street: _____ City: _____ State: _____ Zip: _____ Billing Information (if different from Report to): Company Name: _____ Street Address: _____ City: _____ State: _____ Zip: _____ Project Manager: Alison Akin Attention: _____		Requested Analysis DW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank		Matrix Codes LAB USE ONLY	
S/S Sample # _____ Field ID / Point of Collection _____ MECH/DI Vial # _____		Date _____ Time _____ Sampled by _____ Seal (ID) _____ (Cont.) _____ Matrix _____ # of bottles _____ Number of preserved bottles: MD, NH ₄ , HNO ₃ , H ₂ SO ₄ , H ₂ PO ₄ , H ₂ CO ₃ , H ₂ PO ₃ , H ₂ PO ₂ , H ₂ PO ₁ , H ₂ PO ₀ , H ₂ PO ₋₁ , H ₂ PO ₋₂ , H ₂ PO ₋₃ , H ₂ PO ₋₄ , H ₂ PO ₋₅ , H ₂ PO ₋₆ , H ₂ PO ₋₇ , H ₂ PO ₋₈ , H ₂ PO ₋₉ , H ₂ PO ₋₁₀ , H ₂ PO ₋₁₁ , H ₂ PO ₋₁₂ , H ₂ PO ₋₁₃ , H ₂ PO ₋₁₄ , H ₂ PO ₋₁₅ , H ₂ PO ₋₁₆ , H ₂ PO ₋₁₇ , H ₂ PO ₋₁₈ , H ₂ PO ₋₁₉ , H ₂ PO ₋₂₀ , H ₂ PO ₋₂₁ , H ₂ PO ₋₂₂ , H ₂ PO ₋₂₃ , H ₂ PO ₋₂₄ , H ₂ PO ₋₂₅ , H ₂ PO ₋₂₆ , H ₂ PO ₋₂₇ , H ₂ PO ₋₂₈ , H ₂ PO ₋₂₉ , H ₂ PO ₋₃₀ , H ₂ PO ₋₃₁ , H ₂ PO ₋₃₂ , H ₂ PO ₋₃₃ , H ₂ PO ₋₃₄ , H ₂ PO ₋₃₅ , H ₂ PO ₋₃₆ , H ₂ PO ₋₃₇ , H ₂ PO ₋₃₈ , H ₂ PO ₋₃₉ , H ₂ PO ₋₄₀ , H ₂ PO ₋₄₁ , H ₂ PO ₋₄₂ , H ₂ PO ₋₄₃ , H ₂ PO ₋₄₄ , H ₂ PO ₋₄₅ , H ₂ PO ₋₄₆ , H ₂ PO ₋₄₇ , H ₂ PO ₋₄₈ , H ₂ PO ₋₄₉ , H ₂ PO ₋₅₀ , H ₂ PO ₋₅₁ , H ₂ PO ₋₅₂ , H ₂ PO ₋₅₃ , H ₂ PO ₋₅₄ , H ₂ PO ₋₅₅ , H ₂ PO ₋₅₆ , H ₂ PO ₋₅₇ , H ₂ PO ₋₅₈ , H ₂ PO ₋₅₉ , H ₂ PO ₋₆₀ , H ₂ PO ₋₆₁ , H ₂ PO ₋₆₂ , H ₂ PO ₋₆₃ , H ₂ PO ₋₆₄ , H ₂ PO ₋₆₅ , H ₂ PO ₋₆₆ , H ₂ PO ₋₆₇ , H ₂ PO ₋₆₈ , H ₂ PO ₋₆₉ , H ₂ PO ₋₇₀ , H ₂ PO ₋₇₁ , H ₂ PO ₋₇₂ , H ₂ PO ₋₇₃ , H ₂ PO ₋₇₄ , H ₂ PO ₋₇₅ , H ₂ PO ₋₇₆ , H ₂ PO ₋₇₇ , H ₂ PO ₋₇₈ , H ₂ PO ₋₇₉ , H ₂ PO ₋₈₀ , H ₂ PO ₋₈₁ , H ₂ PO ₋₈₂ , H ₂ PO ₋₈₃ , H ₂ PO ₋₈₄ , H ₂ PO ₋₈₅ , H ₂ PO ₋₈₆ , H ₂ PO ₋₈₇ , H ₂ PO ₋₈₈ , H ₂ PO ₋₈₉ , H ₂ PO ₋₉₀ , H ₂ PO ₋₉₁ , H ₂ PO ₋₉₂ , H ₂ PO ₋₉₃ , H ₂ PO ₋₉₄ , H ₂ PO ₋₉₅ , H ₂ PO ₋₉₆ , H ₂ PO ₋₉₇ , H ₂ PO ₋₉₈ , H ₂ PO ₋₉₉ , H ₂ PO ₋₁₀₀ , H ₂ PO ₋₁₀₁ , H ₂ PO ₋₁₀₂ , H ₂ PO ₋₁₀₃ , H ₂ PO ₋₁₀₄ , H ₂ PO ₋₁₀₅ , H ₂ PO ₋₁₀₆ , H ₂ PO ₋₁₀₇ , H ₂ PO ₋₁₀₈ , H ₂ PO ₋₁₀₉ , H ₂ PO ₋₁₁₀ , H ₂ PO ₋₁₁₁ , H ₂ PO ₋₁₁₂ , H ₂ PO ₋₁₁₃ , H ₂ PO ₋₁₁₄ , H ₂ PO ₋₁₁₅ , H ₂ PO ₋₁₁₆ , H ₂ PO ₋₁₁₇ , H ₂ PO ₋₁₁₈ , H ₂ PO ₋₁₁₉ , H ₂ PO ₋₁₂₀ , H ₂ PO ₋₁₂₁ , H ₂ PO ₋₁₂₂ , H ₂ PO ₋₁₂₃ , H ₂ PO ₋₁₂₄ , H ₂ PO ₋₁₂₅ , H ₂ PO ₋₁₂₆ , H ₂ PO ₋₁₂₇ , H ₂ PO ₋₁₂₈ , H ₂ PO ₋₁₂₉ , H ₂ PO ₋₁₃₀ , H ₂ PO ₋₁₃₁ , H ₂ PO ₋₁₃₂ , H ₂ PO ₋₁₃₃ , H ₂ PO ₋₁₃₄ , H ₂ PO ₋₁₃₅ , H ₂ PO ₋₁₃₆ , H ₂ PO ₋₁₃₇ , H ₂ PO ₋₁₃₈ , H ₂ PO ₋₁₃₉ , H ₂ PO ₋₁₄₀ , H ₂ PO ₋₁₄₁ , H ₂ PO ₋₁₄₂ , H ₂ PO ₋₁₄₃ , H ₂ PO ₋₁₄₄ , H ₂ PO ₋₁₄₅ , H ₂ PO ₋₁₄₆ , H ₂ PO ₋₁₄₇ , H ₂ PO ₋₁₄₈ , H ₂ PO ₋₁₄₉ , H ₂ PO ₋₁₅₀ , H ₂ PO ₋₁₅₁ , H ₂ PO ₋₁₅₂ , H ₂ PO ₋₁₅₃ , H ₂ PO ₋₁₅₄ , H ₂ PO ₋₁₅₅ , H ₂ PO ₋₁₅₆ , H ₂ PO ₋₁₅₇ , H ₂ PO ₋₁₅₈ , H ₂ PO ₋₁₅₉ , H ₂ PO ₋₁₆₀ , H ₂ PO ₋₁₆₁ , H ₂ PO ₋₁₆₂ , H ₂ PO ₋₁₆₃ , H ₂ PO ₋₁₆₄ , H ₂ PO ₋₁₆₅ , H ₂ PO ₋₁₆₆ , H ₂ PO ₋₁₆₇ , H ₂ PO ₋₁₆₈ , H ₂ PO ₋₁₆₉ , H ₂ PO ₋₁₇₀ , H ₂ PO ₋₁₇₁ , H ₂ PO ₋₁₇₂ , H ₂ PO ₋₁₇₃ , H ₂ PO ₋₁₇₄ , H ₂ PO ₋₁₇₅ , H ₂ PO ₋₁₇₆ , H ₂ PO ₋₁₇₇ , H ₂ PO ₋₁₇₈ , H ₂ PO ₋₁₇₉ , H ₂ PO ₋₁₈₀ , H ₂ PO ₋₁₈₁ , H ₂ PO ₋₁₈₂ , H ₂ PO ₋₁					

EHS-QAC-0023-02-FORM-Dayton - Standard COC.xlsx

JC83727: Chain of Custody

Page 3 of 5

SGS Sample Receipt Summary

Job Number: JC83727

Client: ARCADIS

Project: GE, 13TH STREET, TELL CITY, IN

Date / Time Received: 3/2/2019 10:10:00 AM

Delivery Method: FedEx

Airbill #s:

Cooler Temps (Raw Measured) °C: Cooler 1: (2.1); Cooler 2: (1.9);

Cooler Temps (Corrected) °C: Cooler 1: (1.1); Cooler 2: (0.9);

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK: ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: IR Gun
3. Cooler media: Ice (Bag)
4. No. Coolers: 2

Quality Control Preservation

Y or N

N/A

1. Trip Blank present / cooler: ☐ ☐ ☒
2. Trip Blank listed on COC: ☐ ☐ ☒
3. Samples preserved properly: ☒ ☐
4. VOCs headspace free: ☐ ☐ ☒

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☐ ☒
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N

N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☒ ☐
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Test Strip Lot #s:

pH 1-12: 206717

pH 12+: 208717

Other: (Specify)

Comments

- 1) All bottles and vials rec'd without ID,date,time on labels. Set up according to tag in bag.
- 2) Rec'd additional sample set of 60ml soil, 1 meoh and 2 DI vials DUP 3 not on coc, added to COC in SM.

SM089-02 Rev. Date 12/1/16

JC83727: Chain of Custody

Page 4 of 5

Responded to by: ak

Response Date: 3/4

- 1) Please proceed
- 2) Please run Dup 3 for VOCs

4.1

4

JC83727: Chain of Custody
Page 5 of 5

MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC8376-MB	C224761.D	1	03/04/19	RS	n/a	n/a	VC8376

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-30, JC83727-32, JC83727-36

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC8376-MB	C224761.D	1	03/04/19	RS	n/a	n/a	VC8376

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-30, JC83727-32, JC83727-36

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	107% 75-127%
17060-07-0	1,2-Dichloroethane-D4	92% 75-130%
2037-26-5	Toluene-D8	96% 80-120%
460-00-4	4-Bromofluorobenzene	101% 79-127%

Method Blank Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC8376-MB	C224761.D	1	03/04/19	RS	n/a	n/a	VC8376

The QC reported here applies to the following samples: Method:

JC83727-30, JC83727-32, JC83727-36

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7157-MB	1C162877.D	1	03/06/19	PS	n/a	n/a	V1C7157

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-1, JC83727-2, JC83727-3, JC83727-4, JC83727-7, JC83727-8, JC83727-14, JC83727-16, JC83727-17, JC83727-18, JC83727-19

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7157-MB	1C162877.D	1	03/06/19	PS	n/a	n/a	V1C7157

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-1, JC83727-2, JC83727-3, JC83727-4, JC83727-7, JC83727-8, JC83727-14, JC83727-16, JC83727-17, JC83727-18, JC83727-19

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	91% 75-127%
17060-07-0	1,2-Dichloroethane-D4	84% 75-130%
2037-26-5	Toluene-D8	98% 80-120%
460-00-4	4-Bromofluorobenzene	93% 79-127%

Method Blank Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7157-MB	1C162877.D	1	03/06/19	PS	n/a	n/a	V1C7157

The QC reported here applies to the following samples:

Method:

JC83727-1, JC83727-2, JC83727-3, JC83727-4, JC83727-7, JC83727-8, JC83727-14, JC83727-16, JC83727-17, JC83727-18, JC83727-19

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7158-MB	1C162904.D	1	03/07/19	PS	n/a	n/a	V1C7158

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-9, JC83727-10, JC83727-13, JC83727-22, JC83727-23, JC83727-24, JC83727-29

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7158-MB	1C162904.D	1	03/07/19	PS	n/a	n/a	V1C7158

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-9, JC83727-10, JC83727-13, JC83727-22, JC83727-23, JC83727-24, JC83727-29

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	91% 75-127%
17060-07-0	1,2-Dichloroethane-D4	87% 75-130%
2037-26-5	Toluene-D8	98% 80-120%
460-00-4	4-Bromofluorobenzene	93% 79-127%

Method Blank Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7158-MB	1C162904.D	1	03/07/19	PS	n/a	n/a	V1C7158

The QC reported here applies to the following samples: Method:

JC83727-9, JC83727-10, JC83727-13, JC83727-22, JC83727-23, JC83727-24, JC83727-29

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 1

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10602-MB	D262883.D	1	03/08/19	TDN	n/a	n/a	VD10602

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-7, JC83727-8, JC83727-24

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	50	48	ug/kg	
79-01-6	Trichloroethene	ND	50	38	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	99% 75-127%
17060-07-0	1,2-Dichloroethane-D4	116% 75-130%
2037-26-5	Toluene-D8	101% 80-120%
460-00-4	4-Bromofluorobenzene	102% 79-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 3

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7160-MB	1C162936.D	1	03/09/19	PS	n/a	n/a	V1C7160

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-25

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7160-MB	1C162936.D	1	03/09/19	PS	n/a	n/a	V1C7160

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-25

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	92% 75-127%
17060-07-0	1,2-Dichloroethane-D4	87% 75-130%
2037-26-5	Toluene-D8	96% 80-120%
460-00-4	4-Bromofluorobenzene	92% 79-127%

Method Blank Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7160-MB	1C162936.D	1	03/09/19	PS	n/a	n/a	V1C7160

The QC reported here applies to the following samples: Method:

JC83727-25

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10603-MB	D262915.D	1	03/11/19	TDN	n/a	n/a	VD10603

The QC reported here applies to the following samples: Method: SW846 8260C

JC83727-7

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	50	38	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	97% 75-127%
17060-07-0	1,2-Dichloroethane-D4	119% 75-130%
2037-26-5	Toluene-D8	100% 80-120%
460-00-4	4-Bromofluorobenzene	101% 79-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11048-MB	E257810.D	1	03/12/19	TDN	n/a	n/a	VE11048

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-28, JC83727-35

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	500	250	ug/kg	
71-43-2	Benzene	ND	25	19	ug/kg	
108-86-1	Bromobenzene	ND	250	20	ug/kg	
74-97-5	Bromochloromethane	ND	250	22	ug/kg	
75-27-4	Bromodichloromethane	ND	100	22	ug/kg	
75-25-2	Bromoform	ND	250	20	ug/kg	
74-83-9	Bromomethane	ND	250	50	ug/kg	
78-93-3	2-Butanone (MEK)	ND	500	190	ug/kg	
104-51-8	n-Butylbenzene	ND	100	20	ug/kg	
135-98-8	sec-Butylbenzene	ND	100	18	ug/kg	
98-06-6	tert-Butylbenzene	ND	100	18	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	28	ug/kg	
108-90-7	Chlorobenzene	ND	100	18	ug/kg	
75-00-3	Chloroethane	ND	250	34	ug/kg	
67-66-3	Chloroform	ND	100	19	ug/kg	
74-87-3	Chloromethane	ND	250	98	ug/kg	
95-49-8	o-Chlorotoluene	ND	100	19	ug/kg	
106-43-4	p-Chlorotoluene	ND	100	28	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	42	ug/kg	
124-48-1	Dibromochloromethane	ND	100	17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	50	16	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	50	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	50	18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	50	17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	250	32	ug/kg	
75-34-3	1,1-Dichloroethane	ND	50	19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	50	24	ug/kg	
75-35-4	1,1-Dichloroethene	ND	50	33	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	50	48	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	50	33	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	20	ug/kg	
142-28-9	1,3-Dichloropropane	ND	100	18	ug/kg	
594-20-7	2,2-Dichloropropane	ND	100	21	ug/kg	
563-58-6	1,1-Dichloropropene	ND	100	27	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	100	18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	16	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11048-MB	E257810.D	1	03/12/19	TDN	n/a	n/a	VE11048

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-28, JC83727-35

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	50	28	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	25	ug/kg	
98-82-8	Isopropylbenzene	ND	100	35	ug/kg	
99-87-6	p-Isopropyltoluene	ND	100	16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	50	18	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	250	78	ug/kg	
74-95-3	Methylene bromide	ND	250	17	ug/kg	
75-09-2	Methylene chloride	ND	250	130	ug/kg	
91-20-3	Naphthalene	ND	250	100	ug/kg	
103-65-1	n-Propylbenzene	ND	100	16	ug/kg	
100-42-5	Styrene	ND	100	29	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	29	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	20	ug/kg	
127-18-4	Tetrachloroethene	ND	100	23	ug/kg	
108-88-3	Toluene	ND	50	19	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	50	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	21	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	17	ug/kg	
75-69-4	Trichlorofluoromethane	ND	250	34	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	250	28	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	100	32	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	100	18	ug/kg	
75-01-4	Vinyl chloride	ND	100	23	ug/kg	
	m,p-Xylene	ND	50	37	ug/kg	
95-47-6	o-Xylene	ND	50	29	ug/kg	
1330-20-7	Xylene (total)	ND	50	29	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 75-127%
17060-07-0	1,2-Dichloroethane-D4	90% 75-130%
2037-26-5	Toluene-D8	94% 80-120%
460-00-4	4-Bromofluorobenzene	102% 79-127%

Method Blank Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11048-MB	E257810.D	1	03/12/19	TDN	n/a	n/a	VE11048

The QC reported here applies to the following samples: Method:

JC83727-28, JC83727-35

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	4.14	570	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11049-MB	E257840.D	1	03/13/19	TDN	n/a	n/a	VE11049

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-28, JC83727-31, JC83727-35, JC83727-36

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	500	250	ug/kg	
71-43-2	Benzene	ND	25	19	ug/kg	
108-86-1	Bromobenzene	ND	250	20	ug/kg	
74-97-5	Bromochloromethane	ND	250	22	ug/kg	
75-27-4	Bromodichloromethane	ND	100	22	ug/kg	
75-25-2	Bromoform	ND	250	20	ug/kg	
74-83-9	Bromomethane	ND	250	50	ug/kg	
78-93-3	2-Butanone (MEK)	ND	500	190	ug/kg	
104-51-8	n-Butylbenzene	ND	100	20	ug/kg	
135-98-8	sec-Butylbenzene	ND	100	18	ug/kg	
98-06-6	tert-Butylbenzene	ND	100	18	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	28	ug/kg	
108-90-7	Chlorobenzene	ND	100	18	ug/kg	
75-00-3	Chloroethane	ND	250	34	ug/kg	
67-66-3	Chloroform	ND	100	19	ug/kg	
74-87-3	Chloromethane	ND	250	98	ug/kg	
95-49-8	o-Chlorotoluene	ND	100	19	ug/kg	
106-43-4	p-Chlorotoluene	ND	100	28	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	100	42	ug/kg	
124-48-1	Dibromochloromethane	ND	100	17	ug/kg	
106-93-4	1,2-Dibromoethane	ND	50	16	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	50	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	50	18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	50	17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	250	32	ug/kg	
75-34-3	1,1-Dichloroethane	ND	50	19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	50	24	ug/kg	
75-35-4	1,1-Dichloroethene	ND	50	33	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	50	48	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	50	33	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	20	ug/kg	
142-28-9	1,3-Dichloropropane	ND	100	18	ug/kg	
594-20-7	2,2-Dichloropropane	ND	100	21	ug/kg	
563-58-6	1,1-Dichloropropene	ND	100	27	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	100	18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	100	16	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11049-MB	E257840.D	1	03/13/19	TDN	n/a	n/a	VE11049

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-28, JC83727-31, JC83727-35, JC83727-36

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	50	28	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	25	ug/kg	
98-82-8	Isopropylbenzene	ND	100	35	ug/kg	
99-87-6	p-Isopropyltoluene	ND	100	16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	50	18	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	250	78	ug/kg	
74-95-3	Methylene bromide	ND	250	17	ug/kg	
75-09-2	Methylene chloride	ND	250	130	ug/kg	
91-20-3	Naphthalene	ND	250	100	ug/kg	
103-65-1	n-Propylbenzene	ND	100	16	ug/kg	
100-42-5	Styrene	ND	100	29	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	100	29	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	20	ug/kg	
127-18-4	Tetrachloroethene	ND	100	23	ug/kg	
108-88-3	Toluene	ND	50	19	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	50	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	21	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	17	ug/kg	
79-01-6	Trichloroethene	ND	50	38	ug/kg	
75-69-4	Trichlorofluoromethane	ND	250	34	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	250	28	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	100	32	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	100	18	ug/kg	
75-01-4	Vinyl chloride	ND	100	23	ug/kg	
	m,p-Xylene	ND	50	37	ug/kg	
95-47-6	o-Xylene	ND	50	29	ug/kg	
1330-20-7	Xylene (total)	ND	50	29	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 75-127%
17060-07-0	1,2-Dichloroethane-D4	93% 75-130%
2037-26-5	Toluene-D8	93% 80-120%
460-00-4	4-Bromofluorobenzene	102% 79-127%

Method Blank Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11049-MB	E257840.D	1	03/13/19	TDN	n/a	n/a	VE11049

The QC reported here applies to the following samples: Method:

JC83727-28, JC83727-31, JC83727-35, JC83727-36

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	4.13	680	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Page 1 of 3

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC8376-BS	C224759.D	1	03/04/19	RS	n/a	n/a	VC8376

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-30, JC83727-32, JC83727-36

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	235	118	48-149
71-43-2	Benzene	50	58.6	117	74-117
108-86-1	Bromobenzene	50	55.9	112	77-117
74-97-5	Bromochloromethane	50	58.8	118	82-121
75-27-4	Bromodichloromethane	50	54.6	109	78-119
75-25-2	Bromoform	50	56.3	113	76-130
74-83-9	Bromomethane	50	50.8	102	58-137
78-93-3	2-Butanone (MEK)	200	285	143	65-143
104-51-8	n-Butylbenzene	50	59.0	118	74-123
135-98-8	sec-Butylbenzene	50	56.7	113	74-123
98-06-6	tert-Butylbenzene	50	54.9	110	73-124
56-23-5	Carbon tetrachloride	50	53.1	106	69-136
108-90-7	Chlorobenzene	50	53.0	106	79-117
75-00-3	Chloroethane	50	61.1	122	62-139
67-66-3	Chloroform	50	57.2	114	76-119
74-87-3	Chloromethane	50	51.0	102	52-144
95-49-8	o-Chlorotoluene	50	55.5	111	77-118
106-43-4	p-Chlorotoluene	50	58.7	117	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	59.6	119	72-124
124-48-1	Dibromochloromethane	50	54.1	108	78-122
106-93-4	1,2-Dibromoethane	50	60.2	120* a	80-116
95-50-1	1,2-Dichlorobenzene	50	55.6	111	77-117
541-73-1	1,3-Dichlorobenzene	50	55.5	111	75-117
106-46-7	1,4-Dichlorobenzene	50	54.5	109	76-115
75-71-8	Dichlorodifluoromethane	50	60.5	121	43-156
75-34-3	1,1-Dichloroethane	50	58.0	116	75-124
107-06-2	1,2-Dichloroethane	50	46.9	94	74-124
75-35-4	1,1-Dichloroethene	50	55.4	111	64-129
156-59-2	cis-1,2-Dichloroethene	50	59.8	120* a	74-118
156-60-5	trans-1,2-Dichloroethene	50	59.7	119	71-125
78-87-5	1,2-Dichloropropane	50	55.0	110	80-119
142-28-9	1,3-Dichloropropane	50	56.2	112	79-115
594-20-7	2,2-Dichloropropane	50	55.3	111	66-130
563-58-6	1,1-Dichloropropene	50	59.5	119	74-124
10061-01-5	cis-1,3-Dichloropropene	50	53.8	108	80-119
10061-02-6	trans-1,3-Dichloropropene	50	52.8	106	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC8376-BS	C224759.D	1	03/04/19	RS	n/a	n/a	VC8376

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-30, JC83727-32, JC83727-36

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	55.5	111	75-118
87-68-3	Hexachlorobutadiene	50	55.5	111	64-133
98-82-8	Isopropylbenzene	50	54.4	109	74-122
99-87-6	p-Isopropyltoluene	50	55.3	111	74-121
1634-04-4	Methyl Tert Butyl Ether	50	57.1	114	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	261	131	73-136
74-95-3	Methylene bromide	50	55.2	110	82-120
75-09-2	Methylene chloride	50	53.6	107	73-120
91-20-3	Naphthalene	50	61.4	123	71-130
103-65-1	n-Propylbenzene	50	56.9	114	75-120
100-42-5	Styrene	50	55.2	110	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	49.0	98	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	59.4	119	72-120
127-18-4	Tetrachloroethene	50	53.1	106	69-128
108-88-3	Toluene	50	55.8	112	74-117
87-61-6	1,2,3-Trichlorobenzene	50	58.2	116	72-133
120-82-1	1,2,4-Trichlorobenzene	50	58.7	117	73-132
71-55-6	1,1,1-Trichloroethane	50	54.8	110	73-131
79-00-5	1,1,2-Trichloroethane	50	54.6	109	79-117
79-01-6	Trichloroethene	50	56.1	112	80-120
75-69-4	Trichlorofluoromethane	50	53.3	107	63-141
96-18-4	1,2,3-Trichloropropane	50	58.8	118	77-121
95-63-6	1,2,4-Trimethylbenzene	50	56.2	112	76-119
108-67-8	1,3,5-Trimethylbenzene	50	56.5	113	74-119
75-01-4	Vinyl chloride	50	53.3	107	55-145
	m,p-Xylene	100	111	111	75-120
95-47-6	o-Xylene	50	55.0	110	75-119
1330-20-7	Xylene (total)	150	166	111	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	75-127%
17060-07-0	1,2-Dichloroethane-D4	93%	75-130%
2037-26-5	Toluene-D8	97%	80-120%
460-00-4	4-Bromofluorobenzene	99%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC8376-BS	C224759.D	1	03/04/19	RS	n/a	n/a	VC8376

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-30, JC83727-32, JC83727-36

(a) High percent recoveries and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7157-BS	1C162875.D	1	03/06/19	PS	n/a	n/a	V1C7157

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-1, JC83727-2, JC83727-3, JC83727-4, JC83727-7, JC83727-8, JC83727-14, JC83727-16, JC83727-17, JC83727-18, JC83727-19

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	213	107	48-149
71-43-2	Benzene	50	48.1	96	74-117
108-86-1	Bromobenzene	50	47.3	95	77-117
74-97-5	Bromochloromethane	50	52.6	105	82-121
75-27-4	Bromodichloromethane	50	50.0	100	78-119
75-25-2	Bromoform	50	54.0	108	76-130
74-83-9	Bromomethane	50	48.1	96	58-137
78-93-3	2-Butanone (MEK)	200	214	107	65-143
104-51-8	n-Butylbenzene	50	45.4	91	74-123
135-98-8	sec-Butylbenzene	50	46.7	93	74-123
98-06-6	tert-Butylbenzene	50	47.2	94	73-124
56-23-5	Carbon tetrachloride	50	51.5	103	69-136
108-90-7	Chlorobenzene	50	49.4	99	79-117
75-00-3	Chloroethane	50	47.7	95	62-139
67-66-3	Chloroform	50	47.7	95	76-119
74-87-3	Chloromethane	50	42.6	85	52-144
95-49-8	o-Chlorotoluene	50	46.1	92	77-118
106-43-4	p-Chlorotoluene	50	45.3	91	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	49.8	100	72-124
124-48-1	Dibromochloromethane	50	53.2	106	78-122
106-93-4	1,2-Dibromoethane	50	54.5	109	80-116
95-50-1	1,2-Dichlorobenzene	50	47.6	95	77-117
541-73-1	1,3-Dichlorobenzene	50	46.5	93	75-117
106-46-7	1,4-Dichlorobenzene	50	46.6	93	76-115
75-71-8	Dichlorodifluoromethane	50	42.8	86	43-156
75-34-3	1,1-Dichloroethane	50	46.3	93	75-124
107-06-2	1,2-Dichloroethane	50	48.5	97	74-124
75-35-4	1,1-Dichloroethene	50	47.6	95	64-129
156-59-2	cis-1,2-Dichloroethene	50	46.3	93	74-118
156-60-5	trans-1,2-Dichloroethene	50	47.5	95	71-125
78-87-5	1,2-Dichloropropane	50	46.8	94	80-119
142-28-9	1,3-Dichloropropane	50	48.2	96	79-115
594-20-7	2,2-Dichloropropane	50	48.2	96	66-130
563-58-6	1,1-Dichloropropene	50	47.3	95	74-124
10061-01-5	cis-1,3-Dichloropropene	50	50.0	100	80-119
10061-02-6	trans-1,3-Dichloropropene	50	49.9	100	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7157-BS	1C162875.D	1	03/06/19	PS	n/a	n/a	V1C7157

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-1, JC83727-2, JC83727-3, JC83727-4, JC83727-7, JC83727-8, JC83727-14, JC83727-16, JC83727-17, JC83727-18, JC83727-19

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	47.8	96	75-118
87-68-3	Hexachlorobutadiene	50	46.1	92	64-133
98-82-8	Isopropylbenzene	50	48.0	96	74-122
99-87-6	p-Isopropyltoluene	50	48.0	96	74-121
1634-04-4	Methyl Tert Butyl Ether	50	50.5	101	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	206	103	73-136
74-95-3	Methylene bromide	50	50.3	101	82-120
75-09-2	Methylene chloride	50	48.2	96	73-120
91-20-3	Naphthalene	50	47.8	96	71-130
103-65-1	n-Propylbenzene	50	45.5	91	75-120
100-42-5	Styrene	50	49.3	99	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	51.1	102	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	48.4	97	72-120
127-18-4	Tetrachloroethene	50	53.4	107	69-128
108-88-3	Toluene	50	49.2	98	74-117
87-61-6	1,2,3-Trichlorobenzene	50	47.2	94	72-133
120-82-1	1,2,4-Trichlorobenzene	50	47.8	96	73-132
71-55-6	1,1,1-Trichloroethane	50	48.8	98	73-131
79-00-5	1,1,2-Trichloroethane	50	49.1	98	79-117
79-01-6	Trichloroethene	50	52.8	106	80-120
75-69-4	Trichlorofluoromethane	50	47.3	95	63-141
96-18-4	1,2,3-Trichloropropane	50	46.5	93	77-121
95-63-6	1,2,4-Trimethylbenzene	50	46.6	93	76-119
108-67-8	1,3,5-Trimethylbenzene	50	46.7	93	74-119
75-01-4	Vinyl chloride	50	46.4	93	55-145
	m,p-Xylene	100	95.9	96	75-120
95-47-6	o-Xylene	50	48.5	97	75-119
1330-20-7	Xylene (total)	150	144	96	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	75-127%
17060-07-0	1,2-Dichloroethane-D4	90%	75-130%
2037-26-5	Toluene-D8	96%	80-120%
460-00-4	4-Bromofluorobenzene	93%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7158-BS	1C162902.D	1	03/07/19	PS	n/a	n/a	V1C7158

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-9, JC83727-10, JC83727-13, JC83727-22, JC83727-23, JC83727-24, JC83727-29

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	226	113	48-149
71-43-2	Benzene	50	49.5	99	74-117
108-86-1	Bromobenzene	50	48.3	97	77-117
74-97-5	Bromochloromethane	50	53.8	108	82-121
75-27-4	Bromodichloromethane	50	51.8	104	78-119
75-25-2	Bromoform	50	55.4	111	76-130
74-83-9	Bromomethane	50	46.8	94	58-137
78-93-3	2-Butanone (MEK)	200	220	110	65-143
104-51-8	n-Butylbenzene	50	46.7	93	74-123
135-98-8	sec-Butylbenzene	50	47.8	96	74-123
98-06-6	tert-Butylbenzene	50	48.5	97	73-124
56-23-5	Carbon tetrachloride	50	52.8	106	69-136
108-90-7	Chlorobenzene	50	51.3	103	79-117
75-00-3	Chloroethane	50	47.7	95	62-139
67-66-3	Chloroform	50	48.3	97	76-119
74-87-3	Chloromethane	50	45.3	91	52-144
95-49-8	o-Chlorotoluene	50	46.9	94	77-118
106-43-4	p-Chlorotoluene	50	46.4	93	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	52.2	104	72-124
124-48-1	Dibromochloromethane	50	55.3	111	78-122
106-93-4	1,2-Dibromoethane	50	56.3	113	80-116
95-50-1	1,2-Dichlorobenzene	50	48.8	98	77-117
541-73-1	1,3-Dichlorobenzene	50	48.3	97	75-117
106-46-7	1,4-Dichlorobenzene	50	48.2	96	76-115
75-71-8	Dichlorodifluoromethane	50	43.1	86	43-156
75-34-3	1,1-Dichloroethane	50	47.0	94	75-124
107-06-2	1,2-Dichloroethane	50	50.0	100	74-124
75-35-4	1,1-Dichloroethene	50	47.8	96	64-129
156-59-2	cis-1,2-Dichloroethene	50	46.8	94	74-118
156-60-5	trans-1,2-Dichloroethene	50	48.1	96	71-125
78-87-5	1,2-Dichloropropane	50	47.9	96	80-119
142-28-9	1,3-Dichloropropane	50	49.2	98	79-115
594-20-7	2,2-Dichloropropane	50	49.7	99	66-130
563-58-6	1,1-Dichloropropene	50	47.8	96	74-124
10061-01-5	cis-1,3-Dichloropropene	50	51.7	103	80-119
10061-02-6	trans-1,3-Dichloropropene	50	51.4	103	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7158-BS	1C162902.D	1	03/07/19	PS	n/a	n/a	V1C7158

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-9, JC83727-10, JC83727-13, JC83727-22, JC83727-23, JC83727-24, JC83727-29

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	48.9	98	75-118
87-68-3	Hexachlorobutadiene	50	47.6	95	64-133
98-82-8	Isopropylbenzene	50	49.8	100	74-122
99-87-6	p-Isopropyltoluene	50	49.1	98	74-121
1634-04-4	Methyl Tert Butyl Ether	50	51.0	102	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	213	107	73-136
74-95-3	Methylene bromide	50	52.0	104	82-120
75-09-2	Methylene chloride	50	49.2	98	73-120
91-20-3	Naphthalene	50	49.2	98	71-130
103-65-1	n-Propylbenzene	50	46.2	92	75-120
100-42-5	Styrene	50	50.4	101	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	51.9	104	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	49.7	99	72-120
127-18-4	Tetrachloroethene	50	54.4	109	69-128
108-88-3	Toluene	50	50.3	101	74-117
87-61-6	1,2,3-Trichlorobenzene	50	48.4	97	72-133
120-82-1	1,2,4-Trichlorobenzene	50	48.9	98	73-132
71-55-6	1,1,1-Trichloroethane	50	49.9	100	73-131
79-00-5	1,1,2-Trichloroethane	50	50.7	101	79-117
79-01-6	Trichloroethene	50	55.0	110	80-120
75-69-4	Trichlorofluoromethane	50	48.8	98	63-141
96-18-4	1,2,3-Trichloropropane	50	47.7	95	77-121
95-63-6	1,2,4-Trimethylbenzene	50	47.7	95	76-119
108-67-8	1,3,5-Trimethylbenzene	50	47.7	95	74-119
75-01-4	Vinyl chloride	50	47.1	94	55-145
	m,p-Xylene	100	98.7	99	75-120
95-47-6	o-Xylene	50	50.1	100	75-119
1330-20-7	Xylene (total)	150	149	99	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	93%	75-127%
17060-07-0	1,2-Dichloroethane-D4	91%	75-130%
2037-26-5	Toluene-D8	95%	80-120%
460-00-4	4-Bromofluorobenzene	92%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10602-BS	D262881.D	1	03/08/19	TDN	n/a	n/a	VD10602

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-7, JC83727-8, JC83727-24

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
156-59-2	cis-1,2-Dichloroethene	2500	2330	93	74-118
79-01-6	Trichloroethene	2500	2670	107	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	112%	75-130%
2037-26-5	Toluene-D8	103%	80-120%
460-00-4	4-Bromofluorobenzene	98%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7160-BS	1C162934.D	1	03/09/19	PS	n/a	n/a	V1C7160

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-25

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	222	111	48-149
71-43-2	Benzene	50	50.7	101	74-117
108-86-1	Bromobenzene	50	49.0	98	77-117
74-97-5	Bromochloromethane	50	54.9	110	82-121
75-27-4	Bromodichloromethane	50	52.2	104	78-119
75-25-2	Bromoform	50	55.7	111	76-130
74-83-9	Bromomethane	50	49.3	99	58-137
78-93-3	2-Butanone (MEK)	200	217	109	65-143
104-51-8	n-Butylbenzene	50	47.7	95	74-123
135-98-8	sec-Butylbenzene	50	48.5	97	74-123
98-06-6	tert-Butylbenzene	50	49.4	99	73-124
56-23-5	Carbon tetrachloride	50	54.3	109	69-136
108-90-7	Chlorobenzene	50	52.1	104	79-117
75-00-3	Chloroethane	50	50.2	100	62-139
67-66-3	Chloroform	50	49.7	99	76-119
74-87-3	Chloromethane	50	47.5	95	52-144
95-49-8	o-Chlorotoluene	50	48.0	96	77-118
106-43-4	p-Chlorotoluene	50	47.1	94	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	50.2	100	72-124
124-48-1	Dibromochloromethane	50	55.8	112	78-122
106-93-4	1,2-Dibromoethane	50	57.0	114	80-116
95-50-1	1,2-Dichlorobenzene	50	49.7	99	77-117
541-73-1	1,3-Dichlorobenzene	50	49.1	98	75-117
106-46-7	1,4-Dichlorobenzene	50	48.3	97	76-115
75-71-8	Dichlorodifluoromethane	50	47.5	95	43-156
75-34-3	1,1-Dichloroethane	50	48.3	97	75-124
107-06-2	1,2-Dichloroethane	50	50.7	101	74-124
75-35-4	1,1-Dichloroethene	50	49.7	99	64-129
156-59-2	cis-1,2-Dichloroethene	50	48.6	97	74-118
156-60-5	trans-1,2-Dichloroethene	50	49.8	100	71-125
78-87-5	1,2-Dichloropropane	50	49.0	98	80-119
142-28-9	1,3-Dichloropropane	50	49.4	99	79-115
594-20-7	2,2-Dichloropropane	50	50.5	101	66-130
563-58-6	1,1-Dichloropropene	50	49.5	99	74-124
10061-01-5	cis-1,3-Dichloropropene	50	52.3	105	80-119
10061-02-6	trans-1,3-Dichloropropene	50	52.3	105	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7160-BS	1C162934.D	1	03/09/19	PS	n/a	n/a	V1C7160

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-25

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	49.8	100	75-118
87-68-3	Hexachlorobutadiene	50	48.0	96	64-133
98-82-8	Isopropylbenzene	50	51.2	102	74-122
99-87-6	p-Isopropyltoluene	50	49.9	100	74-121
1634-04-4	Methyl Tert Butyl Ether	50	51.1	102	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	205	103	73-136
74-95-3	Methylene bromide	50	52.1	104	82-120
75-09-2	Methylene chloride	50	50.6	101	73-120
91-20-3	Naphthalene	50	48.3	97	71-130
103-65-1	n-Propylbenzene	50	47.3	95	75-120
100-42-5	Styrene	50	51.8	104	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	53.4	107	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	48.6	97	72-120
127-18-4	Tetrachloroethene	50	56.2	112	69-128
108-88-3	Toluene	50	51.3	103	74-117
87-61-6	1,2,3-Trichlorobenzene	50	48.1	96	72-133
120-82-1	1,2,4-Trichlorobenzene	50	48.9	98	73-132
71-55-6	1,1,1-Trichloroethane	50	51.1	102	73-131
79-00-5	1,1,2-Trichloroethane	50	51.3	103	79-117
79-01-6	Trichloroethene	50	56.7	113	80-120
75-69-4	Trichlorofluoromethane	50	50.8	102	63-141
96-18-4	1,2,3-Trichloropropane	50	47.6	95	77-121
95-63-6	1,2,4-Trimethylbenzene	50	48.5	97	76-119
108-67-8	1,3,5-Trimethylbenzene	50	48.4	97	74-119
75-01-4	Vinyl chloride	50	49.5	99	55-145
	m,p-Xylene	100	102	102	75-120
95-47-6	o-Xylene	50	51.4	103	75-119
1330-20-7	Xylene (total)	150	154	103	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	94%	75-127%
17060-07-0	1,2-Dichloroethane-D4	89%	75-130%
2037-26-5	Toluene-D8	95%	80-120%
460-00-4	4-Bromofluorobenzene	93%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10603-BS	D262913.D	1	03/11/19	TDN	n/a	n/a	VD10603

The QC reported here applies to the following samples: Method: SW846 8260C

JC83727-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
79-01-6	Trichloroethene	2500	2660	106	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	119%	75-130%
2037-26-5	Toluene-D8	103%	80-120%
460-00-4	4-Bromofluorobenzene	97%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 3

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11048-BS	E257808.D	1	03/12/19	TDN	n/a	n/a	VE11048

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-28, JC83727-35

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	10000	10200	102	48-149
71-43-2	Benzene	2500	2620	105	74-117
108-86-1	Bromobenzene	2500	2840	114	77-117
74-97-5	Bromochloromethane	2500	2640	106	82-121
75-27-4	Bromodichloromethane	2500	2630	105	78-119
75-25-2	Bromoform	2500	2980	119	76-130
74-83-9	Bromomethane	2500	3190	128	58-137
78-93-3	2-Butanone (MEK)	10000	10300	103	65-143
104-51-8	n-Butylbenzene	2500	2230	89	74-123
135-98-8	sec-Butylbenzene	2500	2250	90	74-123
98-06-6	tert-Butylbenzene	2500	2340	94	73-124
56-23-5	Carbon tetrachloride	2500	2920	117	69-136
108-90-7	Chlorobenzene	2500	2680	107	79-117
75-00-3	Chloroethane	2500	2980	119	62-139
67-66-3	Chloroform	2500	2450	98	76-119
74-87-3	Chloromethane	2500	2480	99	52-144
95-49-8	o-Chlorotoluene	2500	2720	109	77-118
106-43-4	p-Chlorotoluene	2500	2490	100	75-117
96-12-8	1,2-Dibromo-3-chloropropane	2500	2640	106	72-124
124-48-1	Dibromochloromethane	2500	2720	109	78-122
106-93-4	1,2-Dibromoethane	2500	3010	120* a	80-116
95-50-1	1,2-Dichlorobenzene	2500	2420	97	77-117
541-73-1	1,3-Dichlorobenzene	2500	2550	102	75-117
106-46-7	1,4-Dichlorobenzene	2500	2500	100	76-115
75-71-8	Dichlorodifluoromethane	2500	3080	123	43-156
75-34-3	1,1-Dichloroethane	2500	2600	104	75-124
107-06-2	1,2-Dichloroethane	2500	2220	89	74-124
75-35-4	1,1-Dichloroethene	2500	2690	108	64-129
156-59-2	cis-1,2-Dichloroethene	2500	2560	102	74-118
156-60-5	trans-1,2-Dichloroethene	2500	2770	111	71-125
78-87-5	1,2-Dichloropropane	2500	2750	110	80-119
142-28-9	1,3-Dichloropropane	2500	2560	102	79-115
594-20-7	2,2-Dichloropropane	2500	2680	107	66-130
563-58-6	1,1-Dichloropropene	2500	2550	102	74-124
10061-01-5	cis-1,3-Dichloropropene	2500	2690	108	80-119
10061-02-6	trans-1,3-Dichloropropene	2500	2480	99	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 3

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11048-BS	E257808.D	1	03/12/19	TDN	n/a	n/a	VE11048

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-28, JC83727-35

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	2500	2620	105	75-118
87-68-3	Hexachlorobutadiene	2500	2190	88	64-133
98-82-8	Isopropylbenzene	2500	2540	102	74-122
99-87-6	p-Isopropyltoluene	2500	2320	93	74-121
1634-04-4	Methyl Tert Butyl Ether	2500	2570	103	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	10000	11600	116	73-136
74-95-3	Methylene bromide	2500	2540	102	82-120
75-09-2	Methylene chloride	2500	2730	109	73-120
91-20-3	Naphthalene	2500	2410	96	71-130
103-65-1	n-Propylbenzene	2500	2550	102	75-120
100-42-5	Styrene	2500	2730	109	78-120
630-20-6	1,1,1,2-Tetrachloroethane	2500	2630	105	75-122
79-34-5	1,1,2,2-Tetrachloroethane	2500	2700	108	72-120
127-18-4	Tetrachloroethene	2500	2370	95	69-128
108-88-3	Toluene	2500	2480	99	74-117
87-61-6	1,2,3-Trichlorobenzene	2500	2410	96	72-133
120-82-1	1,2,4-Trichlorobenzene	2500	2220	89	73-132
71-55-6	1,1,1-Trichloroethane	2500	2750	110	73-131
79-00-5	1,1,2-Trichloroethane	2500	2500	100	79-117
75-69-4	Trichlorofluoromethane	2500	2970	119	63-141
96-18-4	1,2,3-Trichloropropane	2500	2700	108	77-121
95-63-6	1,2,4-Trimethylbenzene	2500	2400	96	76-119
108-67-8	1,3,5-Trimethylbenzene	2500	2420	97	74-119
75-01-4	Vinyl chloride	2500	2860	114	55-145
	m,p-Xylene	5000	5420	108	75-120
95-47-6	o-Xylene	2500	2580	103	75-119
1330-20-7	Xylene (total)	7500	7990	107	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	98%	75-130%
2037-26-5	Toluene-D8	94%	80-120%
460-00-4	4-Bromofluorobenzene	102%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11048-BS	E257808.D	1	03/12/19	TDN	n/a	n/a	VE11048

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-28, JC83727-35

(a) High percent recoveries and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 3

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11049-BS	E257838.D	1	03/13/19	TDN	n/a	n/a	VE11049

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-28, JC83727-31, JC83727-35, JC83727-36

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	10000	10000	100	48-149
71-43-2	Benzene	2500	2540	102	74-117
108-86-1	Bromobenzene	2500	2840	114	77-117
74-97-5	Bromochloromethane	2500	2500	100	82-121
75-27-4	Bromodichloromethane	2500	2590	104	78-119
75-25-2	Bromoform	2500	2960	118	76-130
74-83-9	Bromomethane	2500	2940	118	58-137
78-93-3	2-Butanone (MEK)	10000	10100	101	65-143
104-51-8	n-Butylbenzene	2500	2260	90	74-123
135-98-8	sec-Butylbenzene	2500	2230	89	74-123
98-06-6	tert-Butylbenzene	2500	2320	93	73-124
56-23-5	Carbon tetrachloride	2500	2790	112	69-136
108-90-7	Chlorobenzene	2500	2680	107	79-117
75-00-3	Chloroethane	2500	2700	108	62-139
67-66-3	Chloroform	2500	2340	94	76-119
74-87-3	Chloromethane	2500	2370	95	52-144
95-49-8	o-Chlorotoluene	2500	2700	108	77-118
106-43-4	p-Chlorotoluene	2500	2510	100	75-117
96-12-8	1,2-Dibromo-3-chloropropane	2500	2610	104	72-124
124-48-1	Dibromochloromethane	2500	2720	109	78-122
106-93-4	1,2-Dibromoethane	2500	3020	121* a	80-116
95-50-1	1,2-Dichlorobenzene	2500	2430	97	77-117
541-73-1	1,3-Dichlorobenzene	2500	2570	103	75-117
106-46-7	1,4-Dichlorobenzene	2500	2510	100	76-115
75-71-8	Dichlorodifluoromethane	2500	3170	127	43-156
75-34-3	1,1-Dichloroethane	2500	2450	98	75-124
107-06-2	1,2-Dichloroethane	2500	2180	87	74-124
75-35-4	1,1-Dichloroethene	2500	2510	100	64-129
156-59-2	cis-1,2-Dichloroethene	2500	2450	98	74-118
156-60-5	trans-1,2-Dichloroethene	2500	2590	104	71-125
78-87-5	1,2-Dichloropropane	2500	2710	108	80-119
142-28-9	1,3-Dichloropropane	2500	2570	103	79-115
594-20-7	2,2-Dichloropropane	2500	2580	103	66-130
563-58-6	1,1-Dichloropropene	2500	2400	96	74-124
10061-01-5	cis-1,3-Dichloropropene	2500	2690	108	80-119
10061-02-6	trans-1,3-Dichloropropene	2500	2500	100	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11049-BS	E257838.D	1	03/13/19	TDN	n/a	n/a	VE11049

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-28, JC83727-31, JC83727-35, JC83727-36

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	2500	2600	104	75-118
87-68-3	Hexachlorobutadiene	2500	2180	87	64-133
98-82-8	Isopropylbenzene	2500	2500	100	74-122
99-87-6	p-Isopropyltoluene	2500	2300	92	74-121
1634-04-4	Methyl Tert Butyl Ether	2500	2420	97	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	10000	11600	116	73-136
74-95-3	Methylene bromide	2500	2540	102	82-120
75-09-2	Methylene chloride	2500	2560	102	73-120
91-20-3	Naphthalene	2500	2360	94	71-130
103-65-1	n-Propylbenzene	2500	2550	102	75-120
100-42-5	Styrene	2500	2750	110	78-120
630-20-6	1,1,1,2-Tetrachloroethane	2500	2610	104	75-122
79-34-5	1,1,2,2-Tetrachloroethane	2500	2710	108	72-120
127-18-4	Tetrachloroethene	2500	2340	94	69-128
108-88-3	Toluene	2500	2470	99	74-117
87-61-6	1,2,3-Trichlorobenzene	2500	2380	95	72-133
120-82-1	1,2,4-Trichlorobenzene	2500	2240	90	73-132
71-55-6	1,1,1-Trichloroethane	2500	2620	105	73-131
79-00-5	1,1,2-Trichloroethane	2500	2550	102	79-117
79-01-6	Trichloroethene	2500	2580	103	80-120
75-69-4	Trichlorofluoromethane	2500	2730	109	63-141
96-18-4	1,2,3-Trichloropropane	2500	2690	108	77-121
95-63-6	1,2,4-Trimethylbenzene	2500	2380	95	76-119
108-67-8	1,3,5-Trimethylbenzene	2500	2390	96	74-119
75-01-4	Vinyl chloride	2500	2660	106	55-145
	m,p-Xylene	5000	5420	108	75-120
95-47-6	o-Xylene	2500	2540	102	75-119
1330-20-7	Xylene (total)	7500	7960	106	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	75-127%
17060-07-0	1,2-Dichloroethane-D4	97%	75-130%
2037-26-5	Toluene-D8	93%	80-120%
460-00-4	4-Bromofluorobenzene	103%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11049-BS	E257838.D	1	03/13/19	TDN	n/a	n/a	VE11049

The QC reported here applies to the following samples: Method: SW846 8260C
JC83727-28, JC83727-31, JC83727-35, JC83727-36

(a) High percent recoveries and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83549-11MS	C224767.D	1	03/04/19	RS	n/a	n/a	VC8376
JC83549-11	C224763.D	1	03/04/19	RS	n/a	n/a	VC8376

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-30, JC83727-32, JC83727-36

CAS No.	Compound	JC83549-11 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	12.3		207	210	96	10-157
71-43-2	Benzene	ND		51.7	54.0	104	58-125
108-86-1	Bromobenzene	ND		51.7	51.5	100	50-129
74-97-5	Bromochloromethane	ND		51.7	56.5	109	60-127
75-27-4	Bromodichloromethane	ND		51.7	51.2	99	57-128
75-25-2	Bromoform	ND		51.7	51.1	99	48-133
74-83-9	Bromomethane	ND		51.7	49.2	95	31-141
78-93-3	2-Butanone (MEK)	ND		207	272	131	29-146
104-51-8	n-Butylbenzene	ND		51.7	56.1	108	23-149
135-98-8	sec-Butylbenzene	ND		51.7	52.7	102	33-147
98-06-6	tert-Butylbenzene	ND		51.7	51.1	99	39-145
56-23-5	Carbon tetrachloride	ND		51.7	49.9	96	51-143
108-90-7	Chlorobenzene	ND		51.7	49.0	95	54-130
75-00-3	Chloroethane	ND		51.7	57.4	111	22-153
67-66-3	Chloroform	ND		51.7	54.7	106	61-125
74-87-3	Chloromethane	ND		51.7	49.1	95	43-142
95-49-8	o-Chlorotoluene	ND		51.7	51.1	99	47-137
106-43-4	p-Chlorotoluene	ND		51.7	54.8	106	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		51.7	53.5	103	41-127
124-48-1	Dibromochloromethane	ND		51.7	50.8	98	56-127
106-93-4	1,2-Dibromoethane	ND		51.7	55.1	106	54-121
95-50-1	1,2-Dichlorobenzene	ND		51.7	53.0	102	41-134
541-73-1	1,3-Dichlorobenzene	ND		51.7	52.4	101	41-135
106-46-7	1,4-Dichlorobenzene	ND		51.7	51.8	100	41-133
75-71-8	Dichlorodifluoromethane	ND		51.7	56.3	109	30-153
75-34-3	1,1-Dichloroethane	ND		51.7	55.3	107	61-131
107-06-2	1,2-Dichloroethane	ND		51.7	42.8	83	56-126
75-35-4	1,1-Dichloroethene	ND		51.7	52.2	101	53-132
156-59-2	cis-1,2-Dichloroethene	ND		51.7	57.4	111	57-125
156-60-5	trans-1,2-Dichloroethene	ND		51.7	55.8	108	56-130
78-87-5	1,2-Dichloropropane	ND		51.7	51.6	100	63-126
142-28-9	1,3-Dichloropropane	ND		51.7	52.1	101	58-119
594-20-7	2,2-Dichloropropane	ND		51.7	52.7	102	41-135
563-58-6	1,1-Dichloropropene	ND		51.7	56.6	109	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		51.7	51.0	99	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		51.7	49.3	95	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83549-11MS	C224767.D	1	03/04/19	RS	n/a	n/a	VC8376
JC83549-11	C224763.D	1	03/04/19	RS	n/a	n/a	VC8376

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-30, JC83727-32, JC83727-36

CAS No.	Compound	JC83549-11 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		51.7	50.4	97	49-132
87-68-3	Hexachlorobutadiene	ND		51.7	50.9	98	10-165
98-82-8	Isopropylbenzene	ND		51.7	49.5	96	43-141
99-87-6	p-Isopropyltoluene	ND		51.7	51.5	100	34-144
1634-04-4	Methyl Tert Butyl Ether	ND		51.7	53.4	103	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		207	239	115	40-140
74-95-3	Methylene bromide	ND		51.7	51.5	100	57-124
75-09-2	Methylene chloride	ND		51.7	52.1	101	57-123
91-20-3	Naphthalene	ND		51.7	58.6	113	22-145
103-65-1	n-Propylbenzene	ND		51.7	52.9	102	41-139
100-42-5	Styrene	ND		51.7	51.8	100	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		51.7	45.4	88	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		51.7	56.8	110	44-127
127-18-4	Tetrachloroethene	ND		51.7	47.2	91	39-154
108-88-3	Toluene	0.48	J	51.7	50.7	97	54-127
87-61-6	1,2,3-Trichlorobenzene	ND		51.7	56.5	109	17-151
120-82-1	1,2,4-Trichlorobenzene	ND		51.7	57.2	111	19-153
71-55-6	1,1,1-Trichloroethane	ND		51.7	50.9	98	57-138
79-00-5	1,1,2-Trichloroethane	ND		51.7	51.7	100	53-127
79-01-6	Trichloroethene	ND		51.7	51.5	100	52-140
75-69-4	Trichlorofluoromethane	ND		51.7	51.1	99	46-142
96-18-4	1,2,3-Trichloropropane	ND		51.7	53.1	103	48-129
95-63-6	1,2,4-Trimethylbenzene	ND		51.7	52.3	101	39-142
108-67-8	1,3,5-Trimethylbenzene	ND		51.7	52.3	101	40-140
75-01-4	Vinyl chloride	ND		51.7	52.3	101	43-146
	m,p-Xylene	ND		103	101	98	45-137
95-47-6	o-Xylene	ND		51.7	50.4	97	48-135
1330-20-7	Xylene (total)	ND		155	152	98	46-137

CAS No.	Surrogate Recoveries	MS	JC83549-11	Limits
1868-53-7	Dibromofluoromethane	109%	110%	75-127%
17060-07-0	1,2-Dichloroethane-D4	90%	90%	75-130%
2037-26-5	Toluene-D8	97%	96%	80-120%
460-00-4	4-Bromofluorobenzene	98%	100%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83727-1MS	1C162888.D	1	03/06/19	PS	n/a	n/a	V1C7157
JC83727-1	1C162878.D	1	03/06/19	PS	n/a	n/a	V1C7157

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-1, JC83727-2, JC83727-3, JC83727-4, JC83727-7, JC83727-8, JC83727-14, JC83727-16, JC83727-17, JC83727-18, JC83727-19

CAS No.	Compound	JC83727-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	12.5	J	288	349	117	10-157
71-43-2	Benzene	ND		72	68.5	95	58-125
108-86-1	Bromobenzene	ND		72	55.4	77	50-129
74-97-5	Bromochloromethane	ND		72	76.1	106	60-127
75-27-4	Bromodichloromethane	ND		72	68.9	96	57-128
75-25-2	Bromoform	ND		72	66.4	92	48-133
74-83-9	Bromomethane	ND		72	71.6	99	31-141
78-93-3	2-Butanone (MEK)	ND		288	309	107	29-146
104-51-8	n-Butylbenzene	ND		72	46.8	65	23-149
135-98-8	sec-Butylbenzene	ND		72	54.1	75	33-147
98-06-6	tert-Butylbenzene	ND		72	59.0	82	39-145
56-23-5	Carbon tetrachloride	ND		72	74.5	104	51-143
108-90-7	Chlorobenzene	ND		72	62.4	87	54-130
75-00-3	Chloroethane	ND		72	72.9	101	22-153
67-66-3	Chloroform	ND		72	69.1	96	61-125
74-87-3	Chloromethane	ND		72	64.8	90	43-142
95-49-8	o-Chlorotoluene	ND		72	54.4	76	47-137
106-43-4	p-Chlorotoluene	ND		72	50.9	71	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		72	59.4	83	41-127
124-48-1	Dibromochloromethane	ND		72	69.3	96	56-127
106-93-4	1,2-Dibromoethane	ND		72	72.7	101	54-121
95-50-1	1,2-Dichlorobenzene	ND		72	49.7	69	41-134
541-73-1	1,3-Dichlorobenzene	ND		72	49.6	69	41-135
106-46-7	1,4-Dichlorobenzene	ND		72	48.6	68	41-133
75-71-8	Dichlorodifluoromethane	ND		72	66.4	92	30-153
75-34-3	1,1-Dichloroethane	ND		72	69.0	96	61-131
107-06-2	1,2-Dichloroethane	ND		72	69.4	96	56-126
75-35-4	1,1-Dichloroethene	ND		72	70.2	98	53-132
156-59-2	cis-1,2-Dichloroethene	ND		72	66.9	93	57-125
156-60-5	trans-1,2-Dichloroethene	ND		72	69.6	97	56-130
78-87-5	1,2-Dichloropropane	ND		72	66.5	92	63-126
142-28-9	1,3-Dichloropropane	ND		72	65.5	91	58-119
594-20-7	2,2-Dichloropropane	ND		72	70.7	98	41-135
563-58-6	1,1-Dichloropropene	ND		72	65.9	92	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		72	67.9	94	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		72	65.9	92	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83727-1MS	1C162888.D	1	03/06/19	PS	n/a	n/a	V1C7157
JC83727-1	1C162878.D	1	03/06/19	PS	n/a	n/a	V1C7157

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-1, JC83727-2, JC83727-3, JC83727-4, JC83727-7, JC83727-8, JC83727-14, JC83727-16, JC83727-17, JC83727-18, JC83727-19

CAS No.	Compound	JC83727-1 ug/kg	Spike Q	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND	72	61.7	86	49-132
87-68-3	Hexachlorobutadiene	ND	72	44.6	62	10-165
98-82-8	Isopropylbenzene	ND	72	61.2	85	43-141
99-87-6	p-Isopropyltoluene	ND	72	54.3	75	34-144
1634-04-4	Methyl Tert Butyl Ether	ND	72	74.0	103	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	288	284	99	40-140
74-95-3	Methylene bromide	ND	72	69.7	97	57-124
75-09-2	Methylene chloride	ND	72	71.0	99	57-123
91-20-3	Naphthalene	ND	72	44.7	62	22-145
103-65-1	n-Propylbenzene	ND	72	53.7	75	41-139
100-42-5	Styrene	ND	72	60.6	84	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND	72	68.6	95	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND	72	59.9	83	44-127
127-18-4	Tetrachloroethene	ND	72	68.0	94	39-154
108-88-3	Toluene	ND	72	65.2	91	54-127
87-61-6	1,2,3-Trichlorobenzene	ND	72	37.0	51	17-151
120-82-1	1,2,4-Trichlorobenzene	ND	72	38.3	53	19-153
71-55-6	1,1,1-Trichloroethane	ND	72	71.7	100	57-138
79-00-5	1,1,2-Trichloroethane	ND	72	66.8	93	53-127
79-01-6	Trichloroethene	ND	72	72.1	100	52-140
75-69-4	Trichlorofluoromethane	ND	72	72.0	100	46-142
96-18-4	1,2,3-Trichloropropane	ND	72	60.2	84	48-129
95-63-6	1,2,4-Trimethylbenzene	ND	72	54.7	76	39-142
108-67-8	1,3,5-Trimethylbenzene	ND	72	56.1	78	40-140
75-01-4	Vinyl chloride	ND	72	71.6	99	43-146
	m,p-Xylene	ND	144	123	85	45-137
95-47-6	o-Xylene	ND	72	63.7	88	48-135
1330-20-7	Xylene (total)	ND	216	187	87	46-137

CAS No.	Surrogate Recoveries	MS	JC83727-1	Limits
1868-53-7	Dibromofluoromethane	98%	96%	75-127%
17060-07-0	1,2-Dichloroethane-D4	94%	97%	75-130%
2037-26-5	Toluene-D8	95%	96%	80-120%
460-00-4	4-Bromofluorobenzene	92%	96%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 3

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83924-1MS	1C162913.D	1	03/07/19	PS	n/a	n/a	V1C7158
JC83924-1 ^a	1C162905.D	1	03/07/19	PS	n/a	n/a	V1C7158

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-9, JC83727-10, JC83727-13, JC83727-22, JC83727-23, JC83727-24, JC83727-29

CAS No.	Compound	JC83924-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	8.7	J	195	189	92	10-157
71-43-2	Benzene	ND		48.8	46.8	96	58-125
108-86-1	Bromobenzene	ND		48.8	44.3	91	50-129
74-97-5	Bromochloromethane	ND		48.8	49.9	102	60-127
75-27-4	Bromodichloromethane	ND		48.8	48.9	100	57-128
75-25-2	Bromoform	ND		48.8	49.5	101	48-133
74-83-9	Bromomethane	ND		48.8	44.7	92	31-141
78-93-3	2-Butanone (MEK)	ND		195	176	90	29-146
104-51-8	n-Butylbenzene	ND		48.8	38.1	78	23-149
135-98-8	sec-Butylbenzene	ND		48.8	42.0	86	33-147
98-06-6	tert-Butylbenzene	ND		48.8	44.1	90	39-145
56-23-5	Carbon tetrachloride	ND		48.8	49.7	102	51-143
108-90-7	Chlorobenzene	ND		48.8	47.3	97	54-130
75-00-3	Chloroethane	ND		48.8	45.6	93	22-153
67-66-3	Chloroform	ND		48.8	46.4	95	61-125
74-87-3	Chloromethane	ND		48.8	42.6	87	43-142
95-49-8	o-Chlorotoluene	ND		48.8	42.7	87	47-137
106-43-4	p-Chlorotoluene	ND		48.8	41.6	85	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		48.8	41.4	85	41-127
124-48-1	Dibromochloromethane	ND		48.8	50.5	103	56-127
106-93-4	1,2-Dibromoethane	ND		48.8	50.6	104	54-121
95-50-1	1,2-Dichlorobenzene	ND		48.8	43.4	89	41-134
541-73-1	1,3-Dichlorobenzene	ND		48.8	42.3	87	41-135
106-46-7	1,4-Dichlorobenzene	ND		48.8	42.2	86	41-133
75-71-8	Dichlorodifluoromethane	ND		48.8	41.2	84	30-153
75-34-3	1,1-Dichloroethane	ND		48.8	44.6	91	61-131
107-06-2	1,2-Dichloroethane	ND		48.8	46.4	95	56-126
75-35-4	1,1-Dichloroethene	ND		48.8	44.8	92	53-132
156-59-2	cis-1,2-Dichloroethene	ND		48.8	44.6	91	57-125
156-60-5	trans-1,2-Dichloroethene	ND		48.8	45.1	92	56-130
78-87-5	1,2-Dichloropropane	ND		48.8	46.1	94	63-126
142-28-9	1,3-Dichloropropane	ND		48.8	45.0	92	58-119
594-20-7	2,2-Dichloropropane	ND		48.8	38.9	80	41-135
563-58-6	1,1-Dichloropropene	ND		48.8	43.6	89	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		48.8	46.2	95	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		48.8	45.6	93	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83924-1MS	1C162913.D	1	03/07/19	PS	n/a	n/a	V1C7158
JC83924-1 ^a	1C162905.D	1	03/07/19	PS	n/a	n/a	V1C7158

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-9, JC83727-10, JC83727-13, JC83727-22, JC83727-23, JC83727-24, JC83727-29

CAS No.	Compound	JC83924-1 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		48.8	45.7	94	49-132
87-68-3	Hexachlorobutadiene	ND		48.8	35.8	73	10-165
98-82-8	Isopropylbenzene	ND		48.8	46.1	94	43-141
99-87-6	p-Isopropyltoluene	ND		48.8	42.9	88	34-144
1634-04-4	Methyl Tert Butyl Ether	ND		48.8	46.5	95	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		195	178	91	40-140
74-95-3	Methylene bromide	ND		48.8	47.6	97	57-124
75-09-2	Methylene chloride	ND		48.8	47.0	96	57-123
91-20-3	Naphthalene	ND		48.8	39.1	80	22-145
103-65-1	n-Propylbenzene	ND		48.8	41.5	85	41-139
100-42-5	Styrene	ND		48.8	46.9	96	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		48.8	48.8	100	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		48.8	41.8	86	44-127
127-18-4	Tetrachloroethene	ND		48.8	49.3	101	39-154
108-88-3	Toluene	ND		48.8	46.8	96	54-127
87-61-6	1,2,3-Trichlorobenzene	ND		48.8	39.5	81	17-151
120-82-1	1,2,4-Trichlorobenzene	ND		48.8	40.2	82	19-153
71-55-6	1,1,1-Trichloroethane	ND		48.8	46.8	96	57-138
79-00-5	1,1,2-Trichloroethane	ND		48.8	46.2	95	53-127
79-01-6	Trichloroethene	ND		48.8	51.8	106	52-140
75-69-4	Trichlorofluoromethane	ND		48.8	44.7	92	46-142
96-18-4	1,2,3-Trichloropropane	ND		48.8	41.3	85	48-129
95-63-6	1,2,4-Trimethylbenzene	ND		48.8	43.1	88	39-142
108-67-8	1,3,5-Trimethylbenzene	ND		48.8	43.4	89	40-140
75-01-4	Vinyl chloride	ND		48.8	43.9	90	43-146
	m,p-Xylene	ND		97.7	92.5	95	45-137
95-47-6	o-Xylene	ND		48.8	47.1	96	48-135
1330-20-7	Xylene (total)	ND		147	140	96	46-137

CAS No.	Surrogate Recoveries	MS	JC83924-1	Limits
1868-53-7	Dibromofluoromethane	93%	95%	75-127%
17060-07-0	1,2-Dichloroethane-D4	89%	95%	75-130%
2037-26-5	Toluene-D8	96%	96%	80-120%
460-00-4	4-Bromofluorobenzene	93%	95%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83924-1MS	1C162913.D	1	03/07/19	PS	n/a	n/a	V1C7158
JC83924-1 ^a	1C162905.D	1	03/07/19	PS	n/a	n/a	V1C7158

The QC reported here applies to the following samples: Method: SW846 8260C

JC83727-9, JC83727-10, JC83727-13, JC83727-22, JC83727-23, JC83727-24, JC83727-29

(a) Encore vials received outside the holding time.

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83481-2RMS	1C162947.D	1	03/09/19	PS	n/a	n/a	V1C7160
JC83481-2R	1C162937.D	1	03/09/19	PS	n/a	n/a	V1C7160

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-25

CAS No.	Compound	JC83481-2R ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	12.3		183	191	97	10-157
71-43-2	Benzene	ND		45.9	47.3	103	58-125
108-86-1	Bromobenzene	ND		45.9	36.7	80	50-129
74-97-5	Bromochloromethane	ND		45.9	52.1	114	60-127
75-27-4	Bromodichloromethane	ND		45.9	47.6	104	57-128
75-25-2	Bromoform	ND		45.9	42.2	92	48-133
74-83-9	Bromomethane	ND		45.9	51.0	111	31-141
78-93-3	2-Butanone (MEK)	ND		183	173	94	29-146
104-51-8	n-Butylbenzene	ND		45.9	17.1	37	23-149
135-98-8	sec-Butylbenzene	ND		45.9	23.8	52	33-147
98-06-6	tert-Butylbenzene	ND		45.9	29.0	63	39-145
56-23-5	Carbon tetrachloride	ND		45.9	49.7	108	51-143
108-90-7	Chlorobenzene	ND		45.9	39.6	86	54-130
75-00-3	Chloroethane	ND		45.9	51.2	112	22-153
67-66-3	Chloroform	ND		45.9	49.7	108	61-125
74-87-3	Chloromethane	ND		45.9	46.7	102	43-142
95-49-8	o-Chlorotoluene	ND		45.9	32.3	70	47-137
106-43-4	p-Chlorotoluene	ND		45.9	29.6	65	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		45.9	35.9	78	41-127
124-48-1	Dibromochloromethane	ND		45.9	47.1	103	56-127
106-93-4	1,2-Dibromoethane	ND		45.9	46.1	100	54-121
95-50-1	1,2-Dichlorobenzene	ND		45.9	27.7	60	41-134
541-73-1	1,3-Dichlorobenzene	ND		45.9	26.7	58	41-135
106-46-7	1,4-Dichlorobenzene	ND		45.9	26.8	58	41-133
75-71-8	Dichlorodifluoromethane	ND		45.9	46.1	100	30-153
75-34-3	1,1-Dichloroethane	ND		45.9	48.9	107	61-131
107-06-2	1,2-Dichloroethane	ND		45.9	46.4	101	56-126
75-35-4	1,1-Dichloroethene	ND		45.9	48.1	105	53-132
156-59-2	cis-1,2-Dichloroethene	ND		45.9	45.9	100	57-125
156-60-5	trans-1,2-Dichloroethene	ND		45.9	46.2	101	56-130
78-87-5	1,2-Dichloropropane	ND		45.9	45.8	100	63-126
142-28-9	1,3-Dichloropropane	ND		45.9	43.7	95	58-119
594-20-7	2,2-Dichloropropane	ND		45.9	44.8	98	41-135
563-58-6	1,1-Dichloropropene	ND		45.9	42.4	92	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		45.9	42.9	94	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		45.9	41.5	90	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Page 2 of 2

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83481-2RMS	1C162947.D	1	03/09/19	PS	n/a	n/a	V1C7160
JC83481-2R	1C162937.D	1	03/09/19	PS	n/a	n/a	V1C7160

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-25

CAS No.	Compound	JC83481-2R ug/kg	Spike Q	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		45.9	37.8	82 49-132
87-68-3	Hexachlorobutadiene	ND		45.9	9.5	21 10-165
98-82-8	Isopropylbenzene	ND		45.9	32.5	71 43-141
99-87-6	p-Isopropyltoluene	ND		45.9	23.4	51 34-144
1634-04-4	Methyl Tert Butyl Ether	ND		45.9	48.9	107 58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		183	163	89 40-140
74-95-3	Methylene bromide	ND		45.9	44.8	98 57-124
75-09-2	Methylene chloride	ND		45.9	50.9	111 57-123
91-20-3	Naphthalene	2.2	J	45.9	22.2	44 22-145
103-65-1	n-Propylbenzene	ND		45.9	28.8	63 41-139
100-42-5	Styrene	ND		45.9	37.0	81 46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		45.9	44.9	98 53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		45.9	39.2	85 44-127
127-18-4	Tetrachloroethene	0.87	J	45.9	39.0	83 39-154
108-88-3	Toluene	ND		45.9	44.5	97 54-127
87-61-6	1,2,3-Trichlorobenzene	ND		45.9	11.9	26 17-151
120-82-1	1,2,4-Trichlorobenzene	ND		45.9	13.0	28 19-153
71-55-6	1,1,1-Trichloroethane	ND		45.9	49.7	108 57-138
79-00-5	1,1,2-Trichloroethane	ND		45.9	44.3	97 53-127
79-01-6	Trichloroethene	ND		45.9	47.3	103 52-140
75-69-4	Trichlorofluoromethane	ND		45.9	49.2	107 46-142
96-18-4	1,2,3-Trichloropropane	ND		45.9	41.1	90 48-129
95-63-6	1,2,4-Trimethylbenzene	ND		45.9	29.3	64 39-142
108-67-8	1,3,5-Trimethylbenzene	ND		45.9	30.0	65 40-140
75-01-4	Vinyl chloride	ND		45.9	49.1	107 43-146
	m,p-Xylene	ND		91.7	73.3	80 45-137
95-47-6	o-Xylene	ND		45.9	37.7	82 48-135
1330-20-7	Xylene (total)	ND		138	111	81 46-137

CAS No.	Surrogate Recoveries	MS	JC83481-2R Limits
1868-53-7	Dibromofluoromethane	99%	100% 75-127%
17060-07-0	1,2-Dichloroethane-D4	90%	96% 75-130%
2037-26-5	Toluene-D8	98%	100% 80-120%
460-00-4	4-Bromofluorobenzene	97%	108% 79-127%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83731-2MS	D262886.D	1	03/08/19	TDN	n/a	n/a	VD10602
JC83731-2MSD	D262887.D	1	03/08/19	TDN	n/a	n/a	VD10602
JC83731-2	D262884.D	1	03/08/19	TDN	n/a	n/a	VD10602

The QC reported here applies to the following samples: Method: SW846 8260C

JC83727-7, JC83727-8, JC83727-24

CAS No.	Compound	JC83731-2 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethene	ND	3550	2960	83	3550	2970	84	0	57-125/22
79-01-6	Trichloroethene	ND	3550	3420	96	3550	3410	96	0	52-140/24

CAS No.	Surrogate Recoveries	MS	MSD	JC83731-2	Limits
1868-53-7	Dibromofluoromethane	98%	99%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	113%	113%	115%	75-130%
2037-26-5	Toluene-D8	103%	103%	102%	80-120%
460-00-4	4-Bromofluorobenzene	97%	97%	101%	79-127%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83608-41MS	D262925.D	1	03/11/19	TDN	n/a	n/a	VD10603
JC83608-41MSD	D262926.D	1	03/11/19	TDN	n/a	n/a	VD10603
JC83608-41 ^a	D262920.D	1	03/11/19	TDN	n/a	n/a	VD10603

The QC reported here applies to the following samples: Method: SW846 8260C

JC83727-7

CAS No.	Compound	JC83608-41 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
79-01-6	Trichloroethene	ND	12800	12000	93	12800	12400	97	3	52-140/24

CAS No.	Surrogate Recoveries	MS	MSD	JC83608-41	Limits
1868-53-7	Dibromofluoromethane	95%	98%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	112%	114%	122%	75-130%
2037-26-5	Toluene-D8	102%	101%	102%	80-120%
460-00-4	4-Bromofluorobenzene	108%	111%	123%	79-127%

(a) Diluted due to high concentration of non-target compound.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84031-1MS	E257823.D	1	03/12/19	TDN	n/a	n/a	VE11048
JC84031-1MSD	E257824.D	1	03/12/19	TDN	n/a	n/a	VE11048
JC84031-1	E257812.D	1	03/12/19	TDN	n/a	n/a	VE11048

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-28, JC83727-35

CAS No.	Compound	JC84031-1 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		16700	96	16700	15800	95	2	10-157/31
71-43-2	Benzene	ND		4180	103	4180	4200	101	2	58-125/22
108-86-1	Bromobenzene	ND		4180	112	4180	4460	107	5	50-129/22
74-97-5	Bromochloromethane	ND		4180	98	4180	4020	96	2	60-127/22
75-27-4	Bromodichloromethane	ND		4180	104	4180	4230	101	2	57-128/22
75-25-2	Bromoform	ND		4180	112	4180	4630	111	1	48-133/21
74-83-9	Bromomethane	ND		4180	71	4180	2970	71	0	31-141/28
78-93-3	2-Butanone (MEK)	ND		16700	102	16700	16500	99	3	29-146/27
104-51-8	n-Butylbenzene	ND		4180	87	4180	3470	83	4	23-149/29
135-98-8	sec-Butylbenzene	ND		4180	87	4180	3540	85	3	33-147/26
98-06-6	tert-Butylbenzene	ND		4180	91	4180	3660	88	4	39-145/26
56-23-5	Carbon tetrachloride	ND		4180	107	4180	4480	107	0	51-143/25
108-90-7	Chlorobenzene	ND		4180	105	4180	4300	103	2	54-130/22
75-00-3	Chloroethane	ND		4180	74	4180	3070	74	0	22-153/32
67-66-3	Chloroform	ND		4180	94	4180	3850	92	2	61-125/22
74-87-3	Chloromethane	ND		4180	97	4180	4360	104	7	43-142/27
95-49-8	o-Chlorotoluene	ND		4180	107	4180	4210	101	6	47-137/23
106-43-4	p-Chlorotoluene	ND		4180	100	4180	3910	94	6	44-133/21
96-12-8	1,2-Dibromo-3-chloropropane	ND		4180	96	4180	3960	95	1	41-127/23
124-48-1	Dibromochloromethane	ND		4180	106	4180	4330	104	2	56-127/21
106-93-4	1,2-Dibromoethane	ND		4180	117	4180	4800	115	2	54-121/21
95-50-1	1,2-Dichlorobenzene	ND		4180	94	4180	3880	93	2	41-134/22
541-73-1	1,3-Dichlorobenzene	ND		4180	101	4180	4050	97	4	41-135/22
106-46-7	1,4-Dichlorobenzene	ND		4180	99	4180	3990	96	3	41-133/22
75-71-8	Dichlorodifluoromethane	ND		4180	103	4180	4460	107	3	30-153/29
75-34-3	1,1-Dichloroethane	ND		4180	101	4180	4140	99	2	61-131/23
107-06-2	1,2-Dichloroethane	ND		4180	87	4180	3610	86	1	56-126/21
75-35-4	1,1-Dichloroethene	ND		4180	98	4180	3980	95	2	53-132/23
156-59-2	cis-1,2-Dichloroethene	ND		4180	98	4180	4030	97	2	57-125/22
156-60-5	trans-1,2-Dichloroethene	ND		4180	107	4180	4420	106	1	56-130/23
78-87-5	1,2-Dichloropropane	ND		4180	109	4180	4510	108	1	63-126/22
142-28-9	1,3-Dichloropropane	ND		4180	101	4180	4180	100	1	58-119/21
594-20-7	2,2-Dichloropropane	ND		4180	88	4180	3620	87	1	41-135/25
563-58-6	1,1-Dichloropropene	ND		4180	97	4180	3910	94	3	53-132/23
10061-01-5	cis-1,3-Dichloropropene	ND		4180	105	4180	4270	102	2	55-126/21
10061-02-6	trans-1,3-Dichloropropene	ND		4180	96	4180	3930	94	2	51-126/21

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84031-1MS	E257823.D	1	03/12/19	TDN	n/a	n/a	VE11048
JC84031-1MSD	E257824.D	1	03/12/19	TDN	n/a	n/a	VE11048
JC84031-1	E257812.D	1	03/12/19	TDN	n/a	n/a	VE11048

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-28, JC83727-35

CAS No.	Compound	JC84031-1 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND		4180	4290	103	4180	4210	101	2	49-132/23
87-68-3	Hexachlorobutadiene	ND		4180	3430	82	4180	3450	83	1	10-165/32
98-82-8	Isopropylbenzene	ND		4180	4090	98	4180	4050	97	1	43-141/25
99-87-6	p-Isopropyltoluene	ND		4180	3710	89	4180	3610	86	3	34-144/26
1634-04-4	Methyl Tert Butyl Ether	ND		4180	3870	93	4180	3880	93	0	58-123/23
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		16700	19000	114	16700	18700	112	2	40-140/24
74-95-3	Methylene bromide	ND		4180	4100	98	4180	3960	95	3	57-124/21
75-09-2	Methylene chloride	ND		4180	4300	103	4180	4210	101	2	57-123/23
91-20-3	Naphthalene	ND		4180	3600	86	4180	3690	88	2	22-145/30
103-65-1	n-Propylbenzene	ND		4180	4170	100	4180	3940	94	6	41-139/23
100-42-5	Styrene	ND		4180	4510	108	4180	4370	105	3	46-139/22
630-20-6	1,1,1,2-Tetrachloroethane	ND		4180	4230	101	4180	4260	102	1	53-133/22
79-34-5	1,1,2,2-Tetrachloroethane	ND		4180	4280	103	4180	4150	99	3	44-127/26
127-18-4	Tetrachloroethene	ND		4180	3820	91	4180	3730	89	2	39-154/26
108-88-3	Toluene	ND		4180	4090	98	4180	4000	96	2	54-127/22
87-61-6	1,2,3-Trichlorobenzene	ND		4180	3660	88	4180	3760	90	3	17-151/32
120-82-1	1,2,4-Trichlorobenzene	ND		4180	3490	84	4180	3560	85	2	19-153/32
71-55-6	1,1,1-Trichloroethane	ND		4180	4360	104	4180	4290	103	2	57-138/24
79-00-5	1,1,2-Trichloroethane	ND		4180	4100	98	4180	4040	97	1	53-127/22
75-69-4	Trichlorofluoromethane	ND		4180	4000	96	4180	3920	94	2	46-142/27
96-18-4	1,2,3-Trichloropropane	ND		4180	4320	103	4180	4150	99	4	48-129/22
95-63-6	1,2,4-Trimethylbenzene	ND		4180	3920	94	4180	3770	90	4	39-142/23
108-67-8	1,3,5-Trimethylbenzene	ND		4180	3920	94	4180	3770	90	4	40-140/23
75-01-4	Vinyl chloride	ND		4180	4500	108	4180	4380	105	3	43-146/26
	m,p-Xylene	ND		8350	8790	105	8350	8650	104	2	45-137/23
95-47-6	o-Xylene	ND		4180	4200	101	4180	4160	100	1	48-135/22
1330-20-7	Xylene (total)	ND		12500	13000	104	12500	12800	102	2	46-137/23

CAS No.	Surrogate Recoveries	MS	MSD	JC84031-1	Limits
1868-53-7	Dibromofluoromethane	96%	97%	96%	75-127%
17060-07-0	1,2-Dichloroethane-D4	98%	99%	92%	75-130%
2037-26-5	Toluene-D8	94%	95%	94%	80-120%
460-00-4	4-Bromofluorobenzene	104%	100%	105%	79-127%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83727-36MS	E257853.D	1	03/13/19	TDN	n/a	n/a	VE11049
JC83727-36MSD	E257854.D	1	03/13/19	TDN	n/a	n/a	VE11049
JC83727-36	E257841.D	1	03/13/19	TDN	n/a	n/a	VE11049

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-28, JC83727-31, JC83727-35, JC83727-36

CAS No.	Compound	JC83727-36 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		21800	104	21800	21600	99	5	10-157/31
71-43-2	Benzene	ND		5460	105	5460	5430	99	5	58-125/22
108-86-1	Bromobenzene	ND		5460	115	5460	5870	108	7	50-129/22
74-97-5	Bromochloromethane	ND		5460	103	5460	5410	99	4	60-127/22
75-27-4	Bromodichloromethane	ND		5460	107	5460	5590	102	5	57-128/22
75-25-2	Bromoform	ND		5460	118	5460	6120	112	5	48-133/21
74-83-9	Bromomethane	ND		5460	67	5460	3950	72	8	31-141/28
78-93-3	2-Butanone (MEK)	ND		21800	107	21800	21900	100	6	29-146/27
104-51-8	n-Butylbenzene	ND		5460	89	5460	4460	82	9	23-149/29
135-98-8	sec-Butylbenzene	ND		5460	90	5460	4510	83	8	33-147/26
98-06-6	tert-Butylbenzene	ND		5460	95	5460	4750	87	8	39-145/26
56-23-5	Carbon tetrachloride	ND		5460	114	5460	5780	106	8	51-143/25
108-90-7	Chlorobenzene	ND		5460	110	5460	5650	104	6	54-130/22
75-00-3	Chloroethane	ND		5460	70	5460	4080	75	7	22-153/32
67-66-3	Chloroform	ND		5460	98	5460	5070	93	5	61-125/22
74-87-3	Chloromethane	ND		5460	100	5460	5520	101	1	43-142/27
95-49-8	o-Chlorotoluene	ND		5460	110	5460	5480	100	9	47-137/23
106-43-4	p-Chlorotoluene	ND		5460	101	5460	5130	94	7	44-133/21
96-12-8	1,2-Dibromo-3-chloropropane	ND		5460	104	5460	5230	96	8	41-127/23
124-48-1	Dibromochloromethane	ND		5460	111	5460	5750	105	5	56-127/21
106-93-4	1,2-Dibromoethane	ND		5460	121	5460	6400	117	3	54-121/21
95-50-1	1,2-Dichlorobenzene	ND		5460	98	5460	5000	92	7	41-134/22
541-73-1	1,3-Dichlorobenzene	ND		5460	104	5460	5230	96	8	41-135/22
106-46-7	1,4-Dichlorobenzene	ND		5460	102	5460	5190	95	7	41-133/22
75-71-8	Dichlorodifluoromethane	ND		5460	113	5460	6260	115	1	30-153/29
75-34-3	1,1-Dichloroethane	ND		5460	105	5460	5440	100	5	61-131/23
107-06-2	1,2-Dichloroethane	ND		5460	90	5460	4710	86	4	56-126/21
75-35-4	1,1-Dichloroethene	ND		5460	105	5460	5360	98	7	53-132/23
156-59-2	cis-1,2-Dichloroethene	2350		5460	101	5460	7530	95	4	57-125/22
156-60-5	trans-1,2-Dichloroethene	ND		5460	113	5460	5760	106	7	56-130/23
78-87-5	1,2-Dichloropropane	ND		5460	114	5460	5910	108	5	63-126/22
142-28-9	1,3-Dichloropropane	ND		5460	104	5460	5430	99	5	58-119/21
594-20-7	2,2-Dichloropropane	ND		5460	95	5460	4700	86	10	41-135/25
563-58-6	1,1-Dichloropropene	ND		5460	101	5460	5130	94	7	53-132/23
10061-01-5	cis-1,3-Dichloropropene	ND		5460	111	5460	5730	105	6	55-126/21
10061-02-6	trans-1,3-Dichloropropene	ND		5460	99	5460	5160	95	5	51-126/21

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83727-36MS	E257853.D	1	03/13/19	TDN	n/a	n/a	VE11049
JC83727-36MSD	E257854.D	1	03/13/19	TDN	n/a	n/a	VE11049
JC83727-36	E257841.D	1	03/13/19	TDN	n/a	n/a	VE11049

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-28, JC83727-31, JC83727-35, JC83727-36

CAS No.	Compound	JC83727-36 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND	5460	5790	106	5460	5400	99	7	49-132/23
87-68-3	Hexachlorobutadiene	ND	5460	4320	79	5460	4130	76	4	10-165/32
98-82-8	Isopropylbenzene	ND	5460	5590	102	5460	5210	95	7	43-141/25
99-87-6	p-Isopropyltoluene	ND	5460	5040	92	5460	4650	85	8	34-144/26
1634-04-4	Methyl Tert Butyl Ether	ND	5460	5420	99	5460	5210	95	4	58-123/23
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	21800	26400	121	21800	25200	115	5	40-140/24
74-95-3	Methylene bromide	ND	5460	5520	101	5460	5340	98	3	57-124/21
75-09-2	Methylene chloride	ND	5460	5970	109	5460	5650	104	6	57-123/23
91-20-3	Naphthalene	ND	5460	5030	92	5460	4820	88	4	22-145/30
103-65-1	n-Propylbenzene	ND	5460	5530	101	5460	5140	94	7	41-139/23
100-42-5	Styrene	ND	5460	6090	112	5460	5750	105	6	46-139/22
630-20-6	1,1,1,2-Tetrachloroethane	ND	5460	5770	106	5460	5440	100	6	53-133/22
79-34-5	1,1,2,2-Tetrachloroethane	ND	5460	5890	108	5460	5510	101	7	44-127/26
127-18-4	Tetrachloroethene	ND	5460	5230	96	5460	4900	90	7	39-154/26
108-88-3	Toluene	ND	5460	5500	101	5460	5190	95	6	54-127/22
87-61-6	1,2,3-Trichlorobenzene	ND	5460	4840	89	5460	4700	86	3	17-151/32
120-82-1	1,2,4-Trichlorobenzene	ND	5460	4640	85	5460	4440	81	4	19-153/32
71-55-6	1,1,1-Trichloroethane	ND	5460	6020	110	5460	5560	102	8	57-138/24
79-00-5	1,1,2-Trichloroethane	ND	5460	5650	104	5460	5400	99	5	53-127/22
79-01-6	Trichloroethene	9490	5460	14900	99	5460	14700	95	1	52-140/24
75-69-4	Trichlorofluoromethane	ND	5460	5230	96	5460	5050	93	4	46-142/27
96-18-4	1,2,3-Trichloropropane	ND	5460	5900	108	5460	5550	102	6	48-129/22
95-63-6	1,2,4-Trimethylbenzene	ND	5460	5260	96	5460	4880	89	7	39-142/23
108-67-8	1,3,5-Trimethylbenzene	ND	5460	5290	97	5460	4880	89	8	40-140/23
75-01-4	Vinyl chloride	ND	5460	6390	117	5460	6140	112	4	43-146/26
	m,p-Xylene	ND	10900	12000	110	10900	11300	104	6	45-137/23
95-47-6	o-Xylene	ND	5460	5690	104	5460	5350	98	6	48-135/22
1330-20-7	Xylene (total)	ND	16400	17700	108	16400	16700	102	6	46-137/23

CAS No.	Surrogate Recoveries	MS	MSD	JC83727-36	Limits
1868-53-7	Dibromofluoromethane	98%	98%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	96%	97%	92%	75-130%
2037-26-5	Toluene-D8	94%	94%	94%	80-120%
460-00-4	4-Bromofluorobenzene	102%	101%	102%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83549-12DUP	C224768.D	1	03/04/19	RS	n/a	n/a	VC8376
JC83549-12	C224764.D	1	03/04/19	RS	n/a	n/a	VC8376

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-30, JC83727-32, JC83727-36

CAS No.	Compound	JC83549-12 DUP		Q	RPD	Limits
		ug/kg	Q ug/kg			
67-64-1	Acetone	9.5	7.7	J	21	40
71-43-2	Benzene	ND	ND		nc	30
108-86-1	Bromobenzene	ND	ND		nc	30
74-97-5	Bromochloromethane	ND	ND		nc	30
75-27-4	Bromodichloromethane	ND	ND		nc	30
75-25-2	Bromoform	ND	ND		nc	30
74-83-9	Bromomethane	ND	ND		nc	30
78-93-3	2-Butanone (MEK)	ND	ND		nc	30
104-51-8	n-Butylbenzene	ND	ND		nc	30
135-98-8	sec-Butylbenzene	ND	ND		nc	30
98-06-6	tert-Butylbenzene	ND	ND		nc	30
56-23-5	Carbon tetrachloride	ND	ND		nc	30
108-90-7	Chlorobenzene	ND	ND		nc	30
75-00-3	Chloroethane	ND	ND		nc	30
67-66-3	Chloroform	ND	ND		nc	30
74-87-3	Chloromethane	ND	ND		nc	30
95-49-8	o-Chlorotoluene	ND	ND		nc	30
106-43-4	p-Chlorotoluene	ND	ND		nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND		nc	30
124-48-1	Dibromochloromethane	ND	ND		nc	30
106-93-4	1,2-Dibromoethane	ND	ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND	ND		nc	30
541-73-1	1,3-Dichlorobenzene	ND	ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND	ND		nc	30
75-71-8	Dichlorodifluoromethane	ND	ND		nc	30
75-34-3	1,1-Dichloroethane	ND	ND		nc	30
107-06-2	1,2-Dichloroethane	ND	ND		nc	30
75-35-4	1,1-Dichloroethene	ND	ND		nc	30
156-59-2	cis-1,2-Dichloroethene	ND	ND		nc	30
156-60-5	trans-1,2-Dichloroethene	ND	ND		nc	30
78-87-5	1,2-Dichloropropane	ND	ND		nc	30
142-28-9	1,3-Dichloropropane	ND	ND		nc	30
594-20-7	2,2-Dichloropropane	ND	ND		nc	30
563-58-6	1,1-Dichloropropene	ND	ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND	ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND	ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 3

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83549-12DUP	C224768.D	1	03/04/19	RS	n/a	n/a	VC8376
JC83549-12	C224764.D	1	03/04/19	RS	n/a	n/a	VC8376

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-30, JC83727-32, JC83727-36

CAS No.	Compound	JC83549-12 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
100-41-4	Ethylbenzene	ND		ND		nc	30
87-68-3	Hexachlorobutadiene	ND		ND		nc	30
98-82-8	Isopropylbenzene	ND		ND		nc	30
99-87-6	p-Isopropyltoluene	ND		ND		nc	30
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	30
74-95-3	Methylene bromide	ND		ND		nc	30
75-09-2	Methylene chloride	ND		ND		nc	36
91-20-3	Naphthalene	ND		ND		nc	30
103-65-1	n-Propylbenzene	ND		ND		nc	30
100-42-5	Styrene	ND		ND		nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	30
127-18-4	Tetrachloroethene	ND		ND		nc	30
108-88-3	Toluene	0.45	J	0.49	J	9	24
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	30
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	30
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	30
79-01-6	Trichloroethene	ND		ND		nc	30
75-69-4	Trichlorofluoromethane	ND		ND		nc	30
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	30
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	30
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	30
75-01-4	Vinyl chloride	ND		ND		nc	30
	m,p-Xylene	ND		ND		nc	32
95-47-6	o-Xylene	ND		ND		nc	30
1330-20-7	Xylene (total)	ND		ND		nc	33

CAS No.	Surrogate Recoveries	DUP	JC83549-12	Limits
1868-53-7	Dibromofluoromethane	95%	110%	75-127%
17060-07-0	1,2-Dichloroethane-D4	74% * a	91%	75-130%
2037-26-5	Toluene-D8	103%	97%	80-120%
460-00-4	4-Bromofluorobenzene	100%	100%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 3 of 3

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83549-12DUP	C224768.D	1	03/04/19	RS	n/a	n/a	VC8376
JC83549-12	C224764.D	1	03/04/19	RS	n/a	n/a	VC8376

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-30, JC83727-32, JC83727-36

(a) Outside in house control limits.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83727-2DUP	1C162889.D	1	03/06/19	PS	n/a	n/a	V1C7157
JC83727-2	1C162879.D	1	03/06/19	PS	n/a	n/a	V1C7157

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-1, JC83727-2, JC83727-3, JC83727-4, JC83727-7, JC83727-8, JC83727-14, JC83727-16, JC83727-17, JC83727-18, JC83727-19

CAS No.	Compound	JC83727-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
67-64-1	Acetone	13.8		14.9		8	40
71-43-2	Benzene	ND		ND		nc	30
108-86-1	Bromobenzene	ND		ND		nc	30
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	30
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	30
78-93-3	2-Butanone (MEK)	ND		ND		nc	30
104-51-8	n-Butylbenzene	ND		ND		nc	30
135-98-8	sec-Butylbenzene	ND		ND		nc	30
98-06-6	tert-Butylbenzene	ND		ND		nc	30
56-23-5	Carbon tetrachloride	ND		ND		nc	30
108-90-7	Chlorobenzene	ND		ND		nc	30
75-00-3	Chloroethane	ND		ND		nc	30
67-66-3	Chloroform	ND		ND		nc	30
74-87-3	Chloromethane	ND		ND		nc	30
95-49-8	o-Chlorotoluene	ND		ND		nc	30
106-43-4	p-Chlorotoluene	ND		ND		nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	30
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	30
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	30
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	30
107-06-2	1,2-Dichloroethane	ND		ND		nc	30
75-35-4	1,1-Dichloroethene	ND		ND		nc	30
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	30
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	30
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
142-28-9	1,3-Dichloropropane	ND		ND		nc	30
594-20-7	2,2-Dichloropropane	ND		ND		nc	30
563-58-6	1,1-Dichloropropene	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 2

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83727-2DUP	1C162889.D	1	03/06/19	PS	n/a	n/a	V1C7157
JC83727-2	1C162879.D	1	03/06/19	PS	n/a	n/a	V1C7157

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-1, JC83727-2, JC83727-3, JC83727-4, JC83727-7, JC83727-8, JC83727-14, JC83727-16, JC83727-17, JC83727-18, JC83727-19

CAS No.	Compound	JC83727-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
100-41-4	Ethylbenzene	ND		ND		nc	30
87-68-3	Hexachlorobutadiene	ND		ND		nc	30
98-82-8	Isopropylbenzene	ND		ND		nc	30
99-87-6	p-Isopropyltoluene	ND		ND		nc	30
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	30
74-95-3	Methylene bromide	ND		ND		nc	30
75-09-2	Methylene chloride	ND		ND		nc	36
91-20-3	Naphthalene	ND		ND		nc	30
103-65-1	n-Propylbenzene	ND		ND		nc	30
100-42-5	Styrene	ND		ND		nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	30
127-18-4	Tetrachloroethene	ND		ND		nc	30
108-88-3	Toluene	ND		ND		nc	24
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	30
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	30
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	30
79-01-6	Trichloroethene	ND		ND		nc	30
75-69-4	Trichlorofluoromethane	ND		ND		nc	30
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	30
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	30
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	30
75-01-4	Vinyl chloride	ND		ND		nc	30
	m,p-Xylene	ND		ND		nc	32
95-47-6	o-Xylene	ND		ND		nc	30
1330-20-7	Xylene (total)	ND		ND		nc	33

CAS No.	Surrogate Recoveries	DUP	JC83727-2	Limits
1868-53-7	Dibromofluoromethane	96%	97%	75-127%
17060-07-0	1,2-Dichloroethane-D4	94%	93%	75-130%
2037-26-5	Toluene-D8	96%	98%	80-120%
460-00-4	4-Bromofluorobenzene	95%	94%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83924-2DUP	1C162915.D	1	03/07/19	PS	n/a	n/a	V1C7158
JC83924-2	1C162906.D	1	03/07/19	PS	n/a	n/a	V1C7158

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-9, JC83727-10, JC83727-13, JC83727-22, JC83727-23, JC83727-24, JC83727-29

CAS No.	Compound	JC83924-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
67-64-1	Acetone	24.6		31.8		26	40
71-43-2	Benzene	ND		ND		nc	30
108-86-1	Bromobenzene	ND		ND		nc	30
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	30
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	30
78-93-3	2-Butanone (MEK)	ND		ND		nc	30
104-51-8	n-Butylbenzene	ND		ND		nc	30
135-98-8	sec-Butylbenzene	ND		ND		nc	30
98-06-6	tert-Butylbenzene	ND		ND		nc	30
56-23-5	Carbon tetrachloride	ND		ND		nc	30
108-90-7	Chlorobenzene	ND		ND		nc	30
75-00-3	Chloroethane	ND		ND		nc	30
67-66-3	Chloroform	ND		ND		nc	30
74-87-3	Chloromethane	ND		ND		nc	30
95-49-8	o-Chlorotoluene	ND		ND		nc	30
106-43-4	p-Chlorotoluene	ND		ND		nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	30
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	30
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	30
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	30
107-06-2	1,2-Dichloroethane	ND		ND		nc	30
75-35-4	1,1-Dichloroethene	ND		ND		nc	30
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	30
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	30
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
142-28-9	1,3-Dichloropropane	ND		ND		nc	30
594-20-7	2,2-Dichloropropane	ND		ND		nc	30
563-58-6	1,1-Dichloropropene	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 2

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83924-2DUP	1C162915.D	1	03/07/19	PS	n/a	n/a	V1C7158
JC83924-2	1C162906.D	1	03/07/19	PS	n/a	n/a	V1C7158

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-9, JC83727-10, JC83727-13, JC83727-22, JC83727-23, JC83727-24, JC83727-29

CAS No.	Compound	JC83924-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
100-41-4	Ethylbenzene	ND	ND			nc	30
87-68-3	Hexachlorobutadiene	ND	ND			nc	30
98-82-8	Isopropylbenzene	ND	ND			nc	30
99-87-6	p-Isopropyltoluene	ND	ND			nc	30
1634-04-4	Methyl Tert Butyl Ether	ND	ND			nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND			nc	30
74-95-3	Methylene bromide	ND	ND			nc	30
75-09-2	Methylene chloride	ND	ND			nc	36
91-20-3	Naphthalene	ND	ND			nc	30
103-65-1	n-Propylbenzene	ND	ND			nc	30
100-42-5	Styrene	ND	ND			nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND			nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND			nc	30
127-18-4	Tetrachloroethene	ND	ND			nc	30
108-88-3	Toluene	ND	ND			nc	24
87-61-6	1,2,3-Trichlorobenzene	ND	ND			nc	30
120-82-1	1,2,4-Trichlorobenzene	ND	ND			nc	30
71-55-6	1,1,1-Trichloroethane	ND	ND			nc	30
79-00-5	1,1,2-Trichloroethane	ND	ND			nc	30
79-01-6	Trichloroethene	ND	ND			nc	30
75-69-4	Trichlorofluoromethane	ND	ND			nc	30
96-18-4	1,2,3-Trichloropropane	ND	ND			nc	30
95-63-6	1,2,4-Trimethylbenzene	ND	ND			nc	30
108-67-8	1,3,5-Trimethylbenzene	ND	ND			nc	30
75-01-4	Vinyl chloride	ND	ND			nc	30
	m,p-Xylene	ND	ND			nc	32
95-47-6	o-Xylene	ND	ND			nc	30
1330-20-7	Xylene (total)	ND	ND			nc	33

CAS No.	Surrogate Recoveries	DUP	JC83924-2	Limits
1868-53-7	Dibromofluoromethane	95%	95%	75-127%
17060-07-0	1,2-Dichloroethane-D4	95%	94%	75-130%
2037-26-5	Toluene-D8	96%	96%	80-120%
460-00-4	4-Bromofluorobenzene	93%	92%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 3

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83481-3RDUP	1C162949.D	1	03/09/19	PS	n/a	n/a	V1C7160
JC83481-3R	1C162938.D	1	03/09/19	PS	n/a	n/a	V1C7160

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-25

CAS No.	Compound	JC83481-3R DUP		Q	RPD	Limits
		ug/kg	Q ug/kg			
67-64-1	Acetone	18.7	ND		200* a	40
71-43-2	Benzene	ND	ND		nc	30
108-86-1	Bromobenzene	ND	ND		nc	30
74-97-5	Bromochloromethane	ND	ND		nc	30
75-27-4	Bromodichloromethane	ND	ND		nc	30
75-25-2	Bromoform	ND	ND		nc	30
74-83-9	Bromomethane	ND	ND		nc	30
78-93-3	2-Butanone (MEK)	ND	ND		nc	30
104-51-8	n-Butylbenzene	ND	ND		nc	30
135-98-8	sec-Butylbenzene	ND	ND		nc	30
98-06-6	tert-Butylbenzene	ND	ND		nc	30
56-23-5	Carbon tetrachloride	ND	ND		nc	30
108-90-7	Chlorobenzene	ND	ND		nc	30
75-00-3	Chloroethane	ND	ND		nc	30
67-66-3	Chloroform	ND	ND		nc	30
74-87-3	Chloromethane	ND	ND		nc	30
95-49-8	o-Chlorotoluene	ND	ND		nc	30
106-43-4	p-Chlorotoluene	ND	ND		nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND		nc	30
124-48-1	Dibromochloromethane	ND	ND		nc	30
106-93-4	1,2-Dibromoethane	ND	ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND	ND		nc	30
541-73-1	1,3-Dichlorobenzene	ND	ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND	ND		nc	30
75-71-8	Dichlorodifluoromethane	ND	ND		nc	30
75-34-3	1,1-Dichloroethane	ND	ND		nc	30
107-06-2	1,2-Dichloroethane	ND	ND		nc	30
75-35-4	1,1-Dichloroethene	ND	ND		nc	30
156-59-2	cis-1,2-Dichloroethene	ND	ND		nc	30
156-60-5	trans-1,2-Dichloroethene	ND	ND		nc	30
78-87-5	1,2-Dichloropropane	ND	ND		nc	30
142-28-9	1,3-Dichloropropane	ND	ND		nc	30
594-20-7	2,2-Dichloropropane	ND	ND		nc	30
563-58-6	1,1-Dichloropropene	ND	ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND	ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND	ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83481-3RDUP	1C162949.D	1	03/09/19	PS	n/a	n/a	V1C7160
JC83481-3R	1C162938.D	1	03/09/19	PS	n/a	n/a	V1C7160

The QC reported here applies to the following samples:
Method: SW846 8260C

JC83727-25

CAS No.	Compound	JC83481-3R DUP		Q	RPD	Limits
		ug/kg	Q ug/kg			
100-41-4	Ethylbenzene	1.6	ND		200* a	30
87-68-3	Hexachlorobutadiene	ND	ND		nc	30
98-82-8	Isopropylbenzene	ND	ND		nc	30
99-87-6	p-Isopropyltoluene	ND	ND		nc	30
1634-04-4	Methyl Tert Butyl Ether	ND	ND		nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND		nc	30
74-95-3	Methylene bromide	ND	ND		nc	30
75-09-2	Methylene chloride	ND	ND		nc	36
91-20-3	Naphthalene	ND	ND		nc	30
103-65-1	n-Propylbenzene	ND	ND		nc	30
100-42-5	Styrene	ND	ND		nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND		nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND		nc	30
127-18-4	Tetrachloroethene	ND	ND		nc	30
108-88-3	Toluene	9.6	1.5		146* a	24
87-61-6	1,2,3-Trichlorobenzene	ND	ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND	ND		nc	30
71-55-6	1,1,1-Trichloroethane	ND	ND		nc	30
79-00-5	1,1,2-Trichloroethane	ND	ND		nc	30
79-01-6	Trichloroethene	ND	ND		nc	30
75-69-4	Trichlorofluoromethane	ND	ND		nc	30
96-18-4	1,2,3-Trichloropropane	ND	ND		nc	30
95-63-6	1,2,4-Trimethylbenzene	2.0	J ND		200* a	30
108-67-8	1,3,5-Trimethylbenzene	0.92	J ND		200* a	30
75-01-4	Vinyl chloride	ND	ND		nc	30
	m,p-Xylene	7.2	1.8		120* a	32
95-47-6	o-Xylene	2.1	0.77	J	93* a	30
1330-20-7	Xylene (total)	9.3	2.6		113* a	33

CAS No.	Surrogate Recoveries	DUP	JC83481-3R Limits
1868-53-7	Dibromofluoromethane	101%	99% 75-127%
17060-07-0	1,2-Dichloroethane-D4	99%	96% 75-130%
2037-26-5	Toluene-D8	96%	98% 80-120%
460-00-4	4-Bromofluorobenzene	100%	100% 79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 3 of 3

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83481-3RDUP	1C162949.D	1	03/09/19	PS	n/a	n/a	V1C7160
JC83481-3R	1C162938.D	1	03/09/19	PS	n/a	n/a	V1C7160

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-25

(a) Outside control limits due to sample non-homogeneity.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7060-BFB
Lab File ID: 1C160437.D
Instrument ID: GCMS1C
Injection Date: 11/03/18
Injection Time: 16:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	8643	16.6	Pass
75	30.0 - 60.0% of mass 95	23272	44.6	Pass
95	Base peak, 100% relative abundance	52165	100.0	Pass
96	5.0 - 9.0% of mass 95	3538	6.78	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	48832	93.6	Pass
175	5.0 - 9.0% of mass 174	3792	7.27 (7.77) ^a	Pass
176	95.0 - 101.0% of mass 174	47341	90.8 (96.9) ^a	Pass
177	5.0 - 9.0% of mass 176	3096	5.94 (6.54) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7060-IC7060	1C160438.D	11/03/18	16:58	00:31	Initial cal 0.5
V1C7060-IC7060	1C160439.D	11/03/18	17:25	00:58	Initial cal 1
V1C7060-IC7060	1C160440.D	11/03/18	17:52	01:25	Initial cal 2
V1C7060-IC7060	1C160441.D	11/03/18	18:18	01:51	Initial cal 4
V1C7060-IC7060	1C160442.D	11/03/18	18:44	02:17	Initial cal 8
V1C7060-IC7060	1C160443.D	11/03/18	19:11	02:44	Initial cal 20
V1C7060-ICC7060	1C160444.D	11/03/18	19:37	03:10	Initial cal 50
V1C7060-IC7060	1C160445.D	11/03/18	20:04	03:37	Initial cal 100
V1C7060-IC7060	1C160446.D	11/03/18	20:30	04:03	Initial cal 200
V1C7060-ICV7060	1C160449.D	11/03/18	21:50	05:23	Initial cal verification 50
V1C7060-ICV7060	1C160450.D	11/03/18	22:16	05:49	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7157-BFB
Lab File ID: 1C162874.D
Instrument ID: GCMS1C
Injection Date: 03/06/19
Injection Time: 09:47

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	12947	16.5	Pass
75	30.0 - 60.0% of mass 95	35912	45.7	Pass
95	Base peak, 100% relative abundance	78581	100.0	Pass
96	5.0 - 9.0% of mass 95	5124	6.52	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	78613	100.0	Pass
175	5.0 - 9.0% of mass 174	6151	7.83 (7.82) ^a	Pass
176	95.0 - 101.0% of mass 174	76448	97.3 (97.2) ^a	Pass
177	5.0 - 9.0% of mass 176	5012	6.38 (6.56) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7157-CC7060	1C162874.D	03/06/19	09:47	00:00	Continuing cal 50
V1C7157-BS	1C162875.D	03/06/19	10:20	00:33	Blank Spike
V1C7157-MB	1C162877.D	03/06/19	11:19	01:32	Method Blank
JC83727-1	1C162878.D	03/06/19	11:46	01:59	SAP 76-4
JC83727-2	1C162879.D	03/06/19	12:13	02:26	SAP 76-8
JC83727-3	1C162880.D	03/06/19	12:40	02:53	SAP 76-12
JC83727-4	1C162881.D	03/06/19	13:06	03:19	SAP 76-16
JC83727-7	1C162882.D	03/06/19	13:33	03:46	SAP 75-4
JC83727-8	1C162883.D	03/06/19	14:00	04:13	SAP 75-8
JC83727-14	1C162887.D	03/06/19	15:48	06:01	SAP 23B-24
JC83727-1MS	1C162888.D	03/06/19	16:15	06:28	Matrix Spike
JC83727-2DUP	1C162889.D	03/06/19	16:42	06:55	Duplicate
ZZZZZZ	1C162890.D	03/06/19	17:09	07:22	(unrelated sample)
JC83727-16	1C162891.D	03/06/19	17:36	07:49	SAP 70-4
JC83727-17	1C162892.D	03/06/19	18:03	08:16	SAP 70-8
JC83727-18	1C162893.D	03/06/19	18:30	08:43	SAP 70-12
JC83727-19	1C162894.D	03/06/19	18:57	09:10	SAP 70-16

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7158-BFB
Lab File ID: 1C162901.D
Instrument ID: GCMS1C
Injection Date: 03/07/19
Injection Time: 11:43

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	11964	16.9	Pass
75	30.0 - 60.0% of mass 95	32219	45.6	Pass
95	Base peak, 100% relative abundance	70656	100.0	Pass
96	5.0 - 9.0% of mass 95	4844	6.86	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	65117	92.2	Pass
175	5.0 - 9.0% of mass 174	5338	7.55 (8.20) ^a	Pass
176	95.0 - 101.0% of mass 174	63104	89.3 (96.9) ^a	Pass
177	5.0 - 9.0% of mass 176	4170	5.90 (6.61) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7158-CC7060	1C162901.D	03/07/19	11:43	00:00	Continuing cal 50
V1C7158-BS	1C162902.D	03/07/19	12:18	00:35	Blank Spike
V1C7158-MB	1C162904.D	03/07/19	13:27	01:44	Method Blank
JC83924-1	1C162905.D	03/07/19	13:54	02:11	(used for QC only; not part of job JC83727)
JC83924-2	1C162906.D	03/07/19	14:20	02:37	(used for QC only; not part of job JC83727)
ZZZZZZ	1C162907.D	03/07/19	14:48	03:05	(unrelated sample)
JC83727-22	1C162908.D	03/07/19	15:15	03:32	SAP 71-4
JC83727-23	1C162909.D	03/07/19	15:42	03:59	SAP 71-8
JC83727-24	1C162910.D	03/07/19	16:09	04:26	SAP 71-12
JC83727-29	1C162912.D	03/07/19	17:04	05:21	SAP 17B (24)
JC83924-1MS	1C162913.D	03/07/19	17:31	05:48	Matrix Spike
JC83924-2DUP	1C162915.D	03/07/19	18:25	06:42	Duplicate
JC83727-9	1C162916.D	03/07/19	18:52	07:09	SAP 75-12
JC83727-10	1C162917.D	03/07/19	19:19	07:36	SAP 75-16
JC83727-13	1C162918.D	03/07/19	19:46	08:03	SAP 23B-20
ZZZZZZ	1C162919.D	03/07/19	20:13	08:30	(unrelated sample)
ZZZZZZ	1C162920.D	03/07/19	20:40	08:57	(unrelated sample)
ZZZZZZ	1C162921.D	03/07/19	21:07	09:24	(unrelated sample)
ZZZZZZ	1C162922.D	03/07/19	21:34	09:51	(unrelated sample)
ZZZZZZ	1C162923.D	03/07/19	22:01	10:18	(unrelated sample)
ZZZZZZ	1C162924.D	03/07/19	22:28	10:45	(unrelated sample)
ZZZZZZ	1C162925.D	03/07/19	22:55	11:12	(unrelated sample)
ZZZZZZ	1C162926.D	03/07/19	23:22	11:39	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7160-BFB
Lab File ID: 1C162933.D
Instrument ID: GCMS1C
Injection Date: 03/09/19
Injection Time: 10:00

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	12843	17.2	Pass
75	30.0 - 60.0% of mass 95	33893	45.5	Pass
95	Base peak, 100% relative abundance	74461	100.0	Pass
96	5.0 - 9.0% of mass 95	4825	6.48	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	69773	93.7	Pass
175	5.0 - 9.0% of mass 174	5504	7.39 (7.89) ^a	Pass
176	95.0 - 101.0% of mass 174	67208	90.3 (96.3) ^a	Pass
177	5.0 - 9.0% of mass 176	4500	6.04 (6.70) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7160-CC7060	1C162933.D	03/09/19	10:00	00:00	Continuing cal 50
V1C7160-BS	1C162934.D	03/09/19	10:32	00:32	Blank Spike
V1C7160-MB	1C162936.D	03/09/19	11:34	01:34	Method Blank
JC83481-2R	1C162937.D	03/09/19	12:00	02:00	(used for QC only; not part of job JC83727)
JC83481-3R	1C162938.D	03/09/19	12:27	02:27	(used for QC only; not part of job JC83727)
ZZZZZZ	1C162939.D	03/09/19	12:54	02:54	(unrelated sample)
ZZZZZZ	1C162940.D	03/09/19	13:20	03:20	(unrelated sample)
ZZZZZZ	1C162941.D	03/09/19	13:47	03:47	(unrelated sample)
ZZZZZZ	1C162942.D	03/09/19	14:14	04:14	(unrelated sample)
ZZZZZZ	1C162943.D	03/09/19	14:41	04:41	(unrelated sample)
ZZZZZZ	1C162944.D	03/09/19	15:08	05:08	(unrelated sample)
ZZZZZZ	1C162945.D	03/09/19	15:35	05:35	(unrelated sample)
ZZZZZZ	1C162946.D	03/09/19	16:01	06:01	(unrelated sample)
JC83481-2RMS	1C162947.D	03/09/19	16:28	06:28	Matrix Spike
JC83481-3RDUP	1C162949.D	03/09/19	17:22	07:22	Duplicate
JC83727-25	1C162950.D	03/09/19	17:48	07:48	SAP 71 (16)
ZZZZZZ	1C162951.D	03/09/19	18:15	08:15	(unrelated sample)
ZZZZZZ	1C162952.D	03/09/19	18:42	08:42	(unrelated sample)
ZZZZZZ	1C162953.D	03/09/19	19:09	09:09	(unrelated sample)
ZZZZZZ	1C162954.D	03/09/19	19:35	09:35	(unrelated sample)
ZZZZZZ	1C162955.D	03/09/19	20:02	10:02	(unrelated sample)
ZZZZZZ	1C162956.D	03/09/19	20:29	10:29	(unrelated sample)
ZZZZZZ	1C162957.D	03/09/19	20:56	10:56	(unrelated sample)
ZZZZZZ	1C162958.D	03/09/19	21:22	11:22	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample:	V1C7160-BFB	Injection Date:	03/09/19
Lab File ID:	1C162933.D	Injection Time:	10:00
Instrument ID:	GCMS1C		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	1C162959.D	03/09/19	21:49	11:49	(unrelated sample)

5.6.4
5

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VC8311-BFB
Lab File ID: C223710.D
Instrument ID: GCMSC
Injection Date: 11/27/18
Injection Time: 17:37

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	20429	22.9	Pass
75	30.0 - 60.0% of mass 95	47522	53.2	Pass
95	Base peak, 100% relative abundance	89272	100.0	Pass
96	5.0 - 9.0% of mass 95	6117	6.85	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	73869	82.7	Pass
175	5.0 - 9.0% of mass 174	5782	6.48 (7.83) ^a	Pass
176	95.0 - 101.0% of mass 174	73456	82.3 (99.4) ^a	Pass
177	5.0 - 9.0% of mass 176	5014	5.62 (6.83) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VC8311-IC8311	C223711.D	11/27/18	18:20	00:43	Initial cal 0.5
VC8311-IC8311	C223712.D	11/27/18	18:48	01:11	Initial cal 1
VC8311-IC8311	C223713.D	11/27/18	19:16	01:39	Initial cal 2
VC8311-IC8311	C223714.D	11/27/18	19:44	02:07	Initial cal 4
VC8311-IC8311	C223715.D	11/27/18	20:12	02:35	Initial cal 8
VC8311-IC8311	C223716.D	11/27/18	20:41	03:04	Initial cal 20
VC8311-ICC8311	C223717.D	11/27/18	21:09	03:32	Initial cal 50
VC8311-IC8311	C223718.D	11/27/18	21:37	04:00	Initial cal 100
VC8311-IC8311	C223719.D	11/27/18	22:05	04:28	Initial cal 200
VC8311-ICV8311	C223722.D	11/27/18	23:30	05:53	Initial cal verification 50
VC8311-ICV8311	C223723.D	11/27/18	23:58	06:21	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VC8376-BFB
Lab File ID: C224758.D
Instrument ID: GCMSC
Injection Date: 03/04/19
Injection Time: 09:32

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	21984	18.8	Pass
75	30.0 - 60.0% of mass 95	57043	48.7	Pass
95	Base peak, 100% relative abundance	117059	100.0	Pass
96	5.0 - 9.0% of mass 95	7927	6.77	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	95720	81.8	Pass
175	5.0 - 9.0% of mass 174	5381	4.60 (5.62) ^a	Pass
176	95.0 - 101.0% of mass 174	92235	78.8 (96.4) ^a	Pass
177	5.0 - 9.0% of mass 176	6151	5.25 (6.67) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VC8376-CC8311	C224758.D	03/04/19	09:32	00:00	Continuing cal 50
VC8376-BS	C224759.D	03/04/19	10:13	00:41	Blank Spike
VC8376-MB	C224761.D	03/04/19	11:23	01:51	Method Blank
ZZZZZZ	C224762.D	03/04/19	12:01	02:29	(unrelated sample)
JC83549-11	C224763.D	03/04/19	12:30	02:58	(used for QC only; not part of job JC83727)
JC83549-12	C224764.D	03/04/19	12:58	03:26	(used for QC only; not part of job JC83727)
ZZZZZZ	C224765.D	03/04/19	13:26	03:54	(unrelated sample)
JC83549-11MS	C224767.D	03/04/19	14:23	04:51	Matrix Spike
JC83549-12DUP	C224768.D	03/04/19	14:52	05:20	Duplicate
ZZZZZZ	C224769.D	03/04/19	15:20	05:48	(unrelated sample)
ZZZZZZ	C224770.D	03/04/19	15:48	06:16	(unrelated sample)
ZZZZZZ	C224771.D	03/04/19	16:17	06:45	(unrelated sample)
ZZZZZZ	C224772.D	03/04/19	16:45	07:13	(unrelated sample)
ZZZZZZ	C224773.D	03/04/19	17:14	07:42	(unrelated sample)
ZZZZZZ	C224774.D	03/04/19	17:42	08:10	(unrelated sample)
ZZZZZZ	C224775.D	03/04/19	18:11	08:39	(unrelated sample)
ZZZZZZ	C224776.D	03/04/19	18:39	09:07	(unrelated sample)
JC83727-30	C224777.D	03/04/19	19:08	09:36	SAP 17B (28)
JC83727-32	C224778.D	03/04/19	19:36	10:04	P 26 (16)
JC83727-36	C224779.D	03/04/19	20:04	10:32	DUP 3
ZZZZZZ	C224780.D	03/04/19	20:33	11:01	(unrelated sample)
ZZZZZZ	C224781.D	03/04/19	21:01	11:29	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10552-BFB
Lab File ID: D261493.D
Instrument ID: GCMSD
Injection Date: 01/10/19
Injection Time: 18:32

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	12541	17.8	Pass
75	30.0 - 60.0% of mass 95	33480	47.6	Pass
95	Base peak, 100% relative abundance	70402	100.0	Pass
96	5.0 - 9.0% of mass 95	4644	6.60	Pass
173	Less than 2.0% of mass 174	284	0.40 (0.48) ^a	Pass
174	50.0 - 150.0% of mass 95	58992	83.8	Pass
175	5.0 - 9.0% of mass 174	4190	5.95 (7.10) ^a	Pass
176	95.0 - 101.0% of mass 174	57453	81.6 (97.4) ^a	Pass
177	5.0 - 9.0% of mass 176	3835	5.45 (6.68) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10552-IC10552	D261495.D	01/10/19	19:42	01:10	Initial cal 0.5
VD10552-IC10552	D261496.D	01/10/19	20:10	01:38	Initial cal 1
VD10552-IC10552	D261497.D	01/10/19	20:39	02:07	Initial cal 2
VD10552-IC10552	D261498.D	01/10/19	21:08	02:36	Initial cal 4
VD10552-IC10552	D261499.D	01/10/19	21:36	03:04	Initial cal 8
VD10552-IC10552	D261500.D	01/10/19	22:05	03:33	Initial cal 20
VD10552-ICC10552	D261501.D	01/10/19	22:34	04:02	Initial cal 50
VD10552-IC10552	D261502.D	01/10/19	23:02	04:30	Initial cal 100
VD10552-IC10552	D261503.D	01/10/19	23:31	04:59	Initial cal 200
VD10552-ICV10552	D261506.D	01/11/19	00:57	06:25	Initial cal verification 50
VD10552-ICV10552	D261507.D	01/11/19	01:26	06:54	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10602-BFB
Lab File ID: D262877.D
Instrument ID: GCMSD
Injection Date: 03/08/19
Injection Time: 07:41

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	14343	17.9	Pass
75	30.0 - 60.0% of mass 95	39005	48.7	Pass
95	Base peak, 100% relative abundance	80104	100.0	Pass
96	5.0 - 9.0% of mass 95	5393	6.73	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	71619	89.4	Pass
175	5.0 - 9.0% of mass 174	5411	6.75 (7.56) ^a	Pass
176	95.0 - 101.0% of mass 174	70360	87.8 (98.2) ^a	Pass
177	5.0 - 9.0% of mass 176	4901	6.12 (6.97) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10602-CC10552	D262877.D	03/08/19	07:41	00:00	Continuing cal 50
VD10602-BS	D262881.D	03/08/19	09:39	01:58	Blank Spike
VD10602-MB	D262883.D	03/08/19	10:36	02:55	Method Blank
ZZZZZZ	D262883A.D	03/08/19	10:36	02:55	(unrelated sample)
JC83731-2	D262884.D	03/08/19	11:05	03:24	(used for QC only; not part of job JC83727)
ZZZZZZ	D262885.D	03/08/19	11:33	03:52	(unrelated sample)
JC83731-2MS	D262886.D	03/08/19	12:02	04:21	Matrix Spike
JC83731-2MSD	D262887.D	03/08/19	12:31	04:50	Matrix Spike Duplicate
ZZZZZZ	D262889.D	03/08/19	13:29	05:48	(unrelated sample)
ZZZZZZ	D262890.D	03/08/19	13:57	06:16	(unrelated sample)
ZZZZZZ	D262891.D	03/08/19	14:26	06:45	(unrelated sample)
ZZZZZZ	D262892.D	03/08/19	14:55	07:14	(unrelated sample)
JC83727-24	D262893.D	03/08/19	15:24	07:43	SAP 71-12
JC83727-7	D262894.D	03/08/19	15:53	08:12	SAP 75-4
JC83727-8	D262895.D	03/08/19	16:21	08:40	SAP 75-8
ZZZZZZ	D262896.D	03/08/19	16:50	09:09	(unrelated sample)
ZZZZZZ	D262897.D	03/08/19	17:19	09:38	(unrelated sample)
ZZZZZZ	D262898.D	03/08/19	17:48	10:07	(unrelated sample)
ZZZZZZ	D262899.D	03/08/19	18:17	10:36	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10603-BFB
Lab File ID: D262912.D
Instrument ID: GCMSD
Injection Date: 03/11/19
Injection Time: 07:44

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	12025	17.4	Pass
75	30.0 - 60.0% of mass 95	33384	48.2	Pass
95	Base peak, 100% relative abundance	69296	100.0	Pass
96	5.0 - 9.0% of mass 95	4519	6.52	Pass
173	Less than 2.0% of mass 174	369	0.53 (0.59) ^a	Pass
174	50.0 - 150.0% of mass 95	62939	90.8	Pass
175	5.0 - 9.0% of mass 174	4704	6.79 (7.47) ^a	Pass
176	95.0 - 101.0% of mass 174	61083	88.1 (97.1) ^a	Pass
177	5.0 - 9.0% of mass 176	4044	5.84 (6.62) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10603-CC10552	D262912.D	03/11/19	07:44	00:00	Continuing cal 50
VD10603-BS	D262913.D	03/11/19	08:25	00:41	Blank Spike
VD10603-MB	D262915.D	03/11/19	09:36	01:52	Method Blank
ZZZZZZ	D262915A.D	03/11/19	09:36	01:52	(unrelated sample)
JC83727-7	D262916.D	03/11/19	10:06	02:22	SAP 75-4
JC83608-41	D262920.D	03/11/19	12:00	04:16	(used for QC only; not part of job JC83727)
ZZZZZZ	D262921.D	03/11/19	12:29	04:45	(unrelated sample)
ZZZZZZ	D262922.D	03/11/19	12:58	05:14	(unrelated sample)
ZZZZZZ	D262923.D	03/11/19	13:26	05:42	(unrelated sample)
ZZZZZZ	D262924.D	03/11/19	13:54	06:10	(unrelated sample)
JC83608-41MS	D262925.D	03/11/19	14:23	06:39	Matrix Spike
JC83608-41MSD	D262926.D	03/11/19	14:51	07:07	Matrix Spike Duplicate
ZZZZZZ	D262928.D	03/11/19	15:48	08:04	(unrelated sample)
ZZZZZZ	D262929.D	03/11/19	16:17	08:33	(unrelated sample)
ZZZZZZ	D262930.D	03/11/19	16:45	09:01	(unrelated sample)
ZZZZZZ	D262931.D	03/11/19	17:14	09:30	(unrelated sample)
ZZZZZZ	D262933.D	03/11/19	18:11	10:27	(unrelated sample)
ZZZZZZ	D262934.D	03/11/19	18:40	10:56	(unrelated sample)
ZZZZZZ	D262935.D	03/11/19	19:08	11:24	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VE10947-BFB
Lab File ID: E255095.D
Instrument ID: GCMSE
Injection Date: 10/16/18
Injection Time: 16:54

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	12870	20.9	Pass
75	30.0 - 60.0% of mass 95	30506	49.6	Pass
95	Base peak, 100% relative abundance	61464	100.0	Pass
96	5.0 - 9.0% of mass 95	4202	6.84	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	50365	81.9	Pass
175	5.0 - 9.0% of mass 174	3948	6.42 (7.84) ^a	Pass
176	95.0 - 101.0% of mass 174	49237	80.1 (97.8) ^a	Pass
177	5.0 - 9.0% of mass 176	3434	5.59 (6.97) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE10947-IC10947	E255096.D	10/16/18	18:20	01:26	Initial cal 0.2
VE10947-IC10947	E255097.D	10/16/18	18:49	01:55	Initial cal 0.5
VE10947-IC10947	E255098.D	10/16/18	19:20	02:26	Initial cal 1
VE10947-IC10947	E255099.D	10/16/18	19:50	02:56	Initial cal 2
VE10947-IC10947	E255100.D	10/16/18	20:20	03:26	Initial cal 4
VE10947-IC10947	E255101.D	10/16/18	20:51	03:57	Initial cal 8
VE10947-IC10947	E255102.D	10/16/18	21:21	04:27	Initial cal 20
VE10947-ICC10947	E255103.D	10/16/18	21:51	04:57	Initial cal 50
VE10947-IC10947	E255104.D	10/16/18	22:22	05:28	Initial cal 100
VE10947-IC10947	E255105.D	10/16/18	22:52	05:58	Initial cal 200
VE10947-ICV10947	E255108.D	10/17/18	00:23	07:29	Initial cal verification 50
VE10947-ICV10947	E255109.D	10/17/18	00:53	07:59	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN**Sample:** VE10947-BFB2**Injection Date:** 10/18/18**Lab File ID:** E255111.D**Injection Time:** 09:49**Instrument ID:** GCMSE

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	10708	19.7	Pass
75	30.0 - 60.0% of mass 95	26642	49.0	Pass
95	Base peak, 100% relative abundance	54349	100.0	Pass
96	5.0 - 9.0% of mass 95	3547	6.53	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	46552	85.7	Pass
175	5.0 - 9.0% of mass 174	3386	6.23 (7.27) ^a	Pass
176	95.0 - 101.0% of mass 174	46277	85.1 (99.4) ^a	Pass
177	5.0 - 9.0% of mass 176	3075	5.66 (6.64) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE10947-ICV10947	E255112.D	10/18/18	10:30	00:41	Initial cal verification 50
VE10947-ICV10947	E255113.D	10/18/18	11:01	01:12	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VE11048-BFB
Lab File ID: E257807.D
Instrument ID: GCMSE
Injection Date: 03/12/19
Injection Time: 09:33

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	10854	18.6	Pass
75	30.0 - 60.0% of mass 95	27261	46.6	Pass
95	Base peak, 100% relative abundance	58480	100.0	Pass
96	5.0 - 9.0% of mass 95	4219	7.21	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	50965	87.1	Pass
175	5.0 - 9.0% of mass 174	4056	6.94 (7.96) ^a	Pass
176	95.0 - 101.0% of mass 174	49101	84.0 (96.3) ^a	Pass
177	5.0 - 9.0% of mass 176	3265	5.58 (6.65) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE11048-CC10947	E257807.D	03/12/19	09:33	00:00	Continuing cal 20
VE11048-BS	E257808.D	03/12/19	10:11	00:38	Blank Spike
VE11048-MB	E257810.D	03/12/19	11:13	01:40	Method Blank
ZZZZZZ	E257810A.D	03/12/19	11:13	01:40	(unrelated sample)
JC84031-1	E257812.D	03/12/19	12:32	02:59	(used for QC only; not part of job JC83727)
ZZZZZZ	E257813.D	03/12/19	13:03	03:30	(unrelated sample)
ZZZZZZ	E257814.D	03/12/19	13:33	04:00	(unrelated sample)
ZZZZZZ	E257815.D	03/12/19	14:04	04:31	(unrelated sample)
ZZZZZZ	E257816.D	03/12/19	14:34	05:01	(unrelated sample)
ZZZZZZ	E257817.D	03/12/19	15:04	05:31	(unrelated sample)
JC83727-28	E257818.D	03/12/19	15:35	06:02	SAP 17B (20)
JC83727-35	E257820.D	03/12/19	16:34	07:01	DUP X
JC84031-1MS	E257823.D	03/12/19	18:04	08:31	Matrix Spike
JC84031-1MSD	E257824.D	03/12/19	18:35	09:02	Matrix Spike Duplicate
ZZZZZZ	E257826.D	03/12/19	19:35	10:02	(unrelated sample)
ZZZZZZ	E257827.D	03/12/19	20:05	10:32	(unrelated sample)
ZZZZZZ	E257828.D	03/12/19	20:35	11:02	(unrelated sample)
ZZZZZZ	E257829.D	03/12/19	21:06	11:33	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VE11049-BFB
Lab File ID: E257837.D
Instrument ID: GCMSE
Injection Date: 03/13/19
Injection Time: 07:38

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	10870	18.7	Pass
75	30.0 - 60.0% of mass 95	27651	47.6	Pass
95	Base peak, 100% relative abundance	58045	100.0	Pass
96	5.0 - 9.0% of mass 95	4010	6.91	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	50493	87.0	Pass
175	5.0 - 9.0% of mass 174	3861	6.65 (7.65) ^a	Pass
176	95.0 - 101.0% of mass 174	48960	84.3 (97.0) ^a	Pass
177	5.0 - 9.0% of mass 176	3273	5.64 (6.69) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE11049-CC10947	E257837.D	03/13/19	07:38	00:00	Continuing cal 50
VE11049-BS	E257838.D	03/13/19	08:14	00:36	Blank Spike
ZZZZZZ	E257840A.D	03/13/19	09:14	01:36	(unrelated sample)
VE11049-MB	E257840.D	03/13/19	09:14	01:36	Method Blank
JC83727-36	E257841.D	03/13/19	09:45	02:07	DUP 3
JC83727-31	E257842.D	03/13/19	10:15	02:37	P 26 (4)
JC83727-31	E257843.D	03/13/19	10:45	03:07	P 26 (4)
JC83727-28	E257844.D	03/13/19	11:16	03:38	SAP 17B (20)
JC83727-35	E257845.D	03/13/19	11:46	04:08	DUP X
ZZZZZZ	E257846.D	03/13/19	12:16	04:38	(unrelated sample)
ZZZZZZ	E257847.D	03/13/19	12:46	05:08	(unrelated sample)
ZZZZZZ	E257848.D	03/13/19	13:17	05:39	(unrelated sample)
ZZZZZZ	E257849.D	03/13/19	13:47	06:09	(unrelated sample)
ZZZZZZ	E257850.D	03/13/19	14:17	06:39	(unrelated sample)
ZZZZZZ	E257851.D	03/13/19	14:48	07:10	(unrelated sample)
JC83727-36MS	E257853.D	03/13/19	15:48	08:10	Matrix Spike
JC83727-36MSD	E257854.D	03/13/19	16:19	08:41	Matrix Spike Duplicate
JC83727-28	E257856.D	03/13/19	17:20	09:42	SAP 17B (20)
JC83727-35	E257857.D	03/13/19	17:50	10:12	DUP X
ZZZZZZ	E257858.D	03/13/19	18:20	10:42	(unrelated sample)
ZZZZZZ	E257859.D	03/13/19	18:50	11:12	(unrelated sample)
ZZZZZZ	E257860.D	03/13/19	19:21	11:43	(unrelated sample)

Surrogate Recovery Summary

Page 1 of 2

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC83727-1	1C162878.D	96	97	96	96
JC83727-2	1C162879.D	97	93	98	94
JC83727-3	1C162880.D	95	93	105	109
JC83727-4	1C162881.D	96	95	96	95
JC83727-7	D262894.D	98	117	101	101
JC83727-7	D262916.D	102	123	98	103
JC83727-7	1C162882.D	98	98	95	94
JC83727-8	D262895.D	99	116	101	101
JC83727-8	1C162883.D	96	97	95	100
JC83727-9	1C162916.D	96	97	98	100
JC83727-10	1C162917.D	95	97	99	106
JC83727-13	1C162918.D	95	98	97	97
JC83727-14	1C162887.D	97	97	95	92
JC83727-16	1C162891.D	100	102	94	92
JC83727-17	1C162892.D	98	99	95	91
JC83727-18	1C162893.D	98	98	95	93
JC83727-19	1C162894.D	99	99	94	92
JC83727-22	1C162908.D	95	96	94	92
JC83727-23	1C162909.D	94	95	95	91
JC83727-24	D262893.D	99	116	101	102
JC83727-24	1C162910.D	95	96	95	92
JC83727-25	1C162950.D	100	96	100	103
JC83727-28	E257844.D	101	94	92	103
JC83727-28	E257856.D	97	93	93	103
JC83727-28	E257818.D	99	92	92	102
JC83727-29	1C162912.D	95	97	96	95
JC83727-30	C224777.D	113	93	99	102
JC83727-31	E257842.D	97	94	94	102
JC83727-31	E257843.D	98	94	94	101
JC83727-32	C224778.D	113	92	98	97
JC83727-35	E257845.D	101	95	92	102
JC83727-35	E257857.D	99	92	93	103
JC83727-35	E257820.D	98	92	93	104
JC83727-36	E257841.D	98	92	94	102
JC83727-36	C224779.D	114	94	99	104
JC83481-2RMS	1C162947.D	99	90	98	97
JC83481-3RDUP	1C162949.D	101	99	96	100
JC83549-11MS	C224767.D	109	90	97	98
JC83549-12DUP	C224768.D	95	74* a	103	100
JC83608-41MS	D262925.D	95	112	102	108

Surrogate Recovery Summary

Page 2 of 2

Job Number: JC83727

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC83608-41MSD	D262926.D	98	114	101	111
JC83727-1MS	1C162888.D	98	94	95	92
JC83727-2DUP	1C162889.D	96	94	96	95
JC83727-36MS	E257853.D	98	96	94	102
JC83727-36MSD	E257854.D	98	97	94	101
JC83731-2MS	D262886.D	98	113	103	97
JC83731-2MSD	D262887.D	99	113	103	97
JC83924-1MS	1C162913.D	93	89	96	93
JC83924-2DUP	1C162915.D	95	95	96	93
JC84031-1MS	E257823.D	96	98	94	104
JC84031-1MSD	E257824.D	97	99	95	100
V1C7157-BS	1C162875.D	95	90	96	93
V1C7157-MB	1C162877.D	91	84	98	93
V1C7158-BS	1C162902.D	93	91	95	92
V1C7158-MB	1C162904.D	91	87	98	93
V1C7160-BS	1C162934.D	94	89	95	93
V1C7160-MB	1C162936.D	92	87	96	92
VC8376-BS	C224759.D	103	93	97	99
VC8376-MB	C224761.D	107	92	96	101
VD10602-BS	D262881.D	100	112	103	98
VD10602-MB	D262883.D	99	116	101	102
VD10603-BS	D262913.D	100	119	103	97
VD10603-MB	D262915.D	97	119	100	101
VE11048-BS	E257808.D	100	98	94	102
VE11048-MB	E257810.D	96	90	94	102
VE11049-BS	E257838.D	96	97	93	103
VE11049-MB	E257840.D	96	93	93	102

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane	75-127%
S2 = 1,2-Dichloroethane-D4	75-130%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	79-127%

(a) Outside in house control limits.

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Arcadis

GE, 13th Street, Tell City, IN

AI100911.0017

SGS Job Number: JC83564

Sampling Date: 02/27/19

Report to:

Arcadis
150 West Market Suite 728
Indianapolis, IN 46204
Daniel.Petzold@Arcadis.com

ATTN: Daniel Petzold

Total number of pages in report: 52



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read 'Brian McGuire'.

Brian McGuire
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	4
Section 3: Sample Results	5
3.1: JC83564-1: SAP 58(0)	6
3.2: JC83564-2: SAP 58(4)	9
3.3: JC83564-3: SAP 58(8)	12
3.4: JC83564-4: SAP 58(12)	15
3.5: JC83564-5: SAP 58(16)	18
3.6: JC83564-8: SAP 59(0)	21
3.7: JC83564-9: SAP 59(4)	24
3.8: JC83564-10: SAP 59(8)	27
3.9: JC83564-11: SAP 59(12)	30
3.10: JC83564-12: SAP 59(16)	33
Section 4: Misc. Forms	36
4.1: Chain of Custody	37
Section 5: MS Volatiles - QC Data Summaries	40
5.1: Method Blank Summary	41
5.2: Blank Spike Summary	44
5.3: Matrix Spike Summary	46
5.4: Duplicate Summary	48
5.5: Instrument Performance Checks (BFB)	50
5.6: Surrogate Recovery Summaries	52



Sample Summary

Arcadis

Job No: JC83564

GE, 13th Street, Tell City, IN
Project No: All00911.0017

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JC83564-1	02/27/19	11:05 KA	02/28/19	SO	Soil	SAP 58(0)
JC83564-2	02/27/19	11:10 KA	02/28/19	SO	Soil	SAP 58(4)
JC83564-3	02/27/19	11:15 KA	02/28/19	SO	Soil	SAP 58(8)
JC83564-4	02/27/19	11:20 KA	02/28/19	SO	Soil	SAP 58(12)
JC83564-5	02/27/19	11:25 KA	02/28/19	SO	Soil	SAP 58(16)
JC83564-8	02/27/19	12:00 KA	02/28/19	SO	Soil	SAP 59(0)
JC83564-9	02/27/19	12:05 KA	02/28/19	SO	Soil	SAP 59(4)
JC83564-10	02/27/19	12:10 KA	02/28/19	SO	Soil	SAP 59(8)
JC83564-11	02/27/19	12:15 KA	02/28/19	SO	Soil	SAP 59(12)
JC83564-12	02/27/19	12:20 KA	02/28/19	SO	Soil	SAP 59(16)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Page 1 of 1

Job Number: JC83564
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/27/19

Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method
JC83564-1	SAP 58(0)					
Acetone		61.2	9.8	4.9	ug/kg	SW846 8260C
2-Butanone (MEK)		5.7 J	9.8	3.6	ug/kg	SW846 8260C
JC83564-2	SAP 58(4)					
Acetone		80.1	10	5.1	ug/kg	SW846 8260C
2-Butanone (MEK)		11.0	10	3.8	ug/kg	SW846 8260C
JC83564-3	SAP 58(8)					
Acetone		51.5	10	5.1	ug/kg	SW846 8260C
2-Butanone (MEK)		4.6 J	10	3.8	ug/kg	SW846 8260C
JC83564-4	SAP 58(12)					
Acetone		25.5	9.7	4.8	ug/kg	SW846 8260C
JC83564-5	SAP 58(16)					
Acetone		14.3	9.4	4.7	ug/kg	SW846 8260C
JC83564-8	SAP 59(0)					
Acetone		28.6	8.6	4.3	ug/kg	SW846 8260C
JC83564-9	SAP 59(4)					
Acetone		73.1	11	5.6	ug/kg	SW846 8260C
JC83564-10	SAP 59(8)					
Acetone		32.1	11	5.6	ug/kg	SW846 8260C
Tetrachloroethene		2.9	2.2	0.52	ug/kg	SW846 8260C
JC83564-11	SAP 59(12)					
Acetone		23.8	9.6	4.8	ug/kg	SW846 8260C
JC83564-12	SAP 59(16)					
Acetone		35.8	11	5.3	ug/kg	SW846 8260C

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SAP 58(0)						
Lab Sample ID:	JC83564-1					Date Sampled:	02/27/19
Matrix:	SO - Soil					Date Received:	02/28/19
Method:	SW846 8260C					Percent Solids:	85.4
Project:	GE, 13th Street, Tell City, IN						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y184054.D	1	03/04/19 13:51	PS	n/a	n/a	VY7981
Run #2							

	Initial Weight
Run #1	6.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	61.2	9.8	4.9	ug/kg	
71-43-2	Benzene	ND	0.49	0.37	ug/kg	
108-86-1	Bromobenzene	ND	4.9	0.39	ug/kg	
74-97-5	Bromochloromethane	ND	4.9	0.42	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.43	ug/kg	
75-25-2	Bromoform ^a	ND	4.9	0.39	ug/kg	
74-83-9	Bromomethane	ND	4.9	0.97	ug/kg	
78-93-3	2-Butanone (MEK)	5.7	9.8	3.6	ug/kg	J
104-51-8	n-Butylbenzene	ND	2.0	0.40	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.36	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.54	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	4.9	0.67	ug/kg	
67-66-3	Chloroform	ND	2.0	0.36	ug/kg	
74-87-3	Chloromethane	ND	4.9	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.37	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.55	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.82	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.98	0.32	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.98	0.30	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.98	0.35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.98	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	4.9	0.62	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.98	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.98	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.98	0.64	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.93	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.98	0.65	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.40	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.36	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 58(0)
Lab Sample ID: JC83564-1
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19
Date Received: 02/28/19
Percent Solids: 85.4

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.42	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.53	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	0.98	0.54	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.9	0.49	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.68	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.31	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.98	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.9	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.9	0.33	ug/kg	
75-09-2	Methylene chloride	ND	4.9	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.9	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.30	ug/kg	
100-42-5	Styrene	ND	2.0	0.56	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.56	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.45	ug/kg	
108-88-3	Toluene	ND	0.98	0.37	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	0.98	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.42	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.33	ug/kg	
79-01-6	Trichloroethene	ND	0.98	0.74	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.9	0.66	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.9	0.54	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.62	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.35	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.46	ug/kg	
	m,p-Xylene	ND	0.98	0.73	ug/kg	
95-47-6	o-Xylene	ND	0.98	0.57	ug/kg	
1330-20-7	Xylene (total)	ND	0.98	0.57	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		75-127%
17060-07-0	1,2-Dichloroethane-D4	109%		75-130%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	107%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 58(0)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-1	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	85.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 58(4)	
Lab Sample ID:	JC83564-2	Date Sampled: 02/27/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 82.8
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y184055.D	1	03/04/19 14:19	PS	n/a	n/a	VY7981
Run #2							

	Initial Weight
Run #1	5.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	80.1	10	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	0.39	ug/kg	
108-86-1	Bromobenzene	ND	5.1	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.44	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform ^a	ND	5.1	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.1	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	11.0	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.42	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.70	ug/kg	
67-66-3	Chloroform	ND	2.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	5.1	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.39	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.58	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.86	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.35	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.37	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	5.1	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.98	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.42	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.38	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 58(4)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-2	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	82.8
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.44	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.56	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.71	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.33	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.1	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.1	0.35	ug/kg	
75-09-2	Methylene chloride	ND	5.1	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.32	ug/kg	
100-42-5	Styrene	ND	2.0	0.59	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.44	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.35	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.78	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.70	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	0.57	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.65	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.76	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.60	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.60	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		75-127%
17060-07-0	1,2-Dichloroethane-D4	112%		75-130%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	113%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 58(4)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-2	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	82.8
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 58(8)						
Lab Sample ID:	JC83564-3					Date Sampled:	02/27/19
Matrix:	SO - Soil					Date Received:	02/28/19
Method:	SW846 8260C					Percent Solids:	82.7
Project:	GE, 13th Street, Tell City, IN						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y184056.D	1	03/04/19 14:48	PS	n/a	n/a	VY7981
Run #2							

	Initial Weight
Run #1	5.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	51.5	10	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	0.39	ug/kg	
108-86-1	Bromobenzene	ND	5.1	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.44	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform ^a	ND	5.1	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.1	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	4.6	10	3.8	ug/kg	J
104-51-8	n-Butylbenzene	ND	2.0	0.42	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.70	ug/kg	
67-66-3	Chloroform	ND	2.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	5.1	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.39	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.58	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.86	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.35	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.37	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	5.1	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.98	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.42	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.38	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 58(8)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-3	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	82.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.44	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.56	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.57	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	0.52	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.71	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.33	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.1	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.1	0.35	ug/kg	
75-09-2	Methylene chloride	ND	5.1	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.32	ug/kg	
100-42-5	Styrene	ND	2.0	0.59	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.39	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.44	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.35	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.78	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.70	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	0.57	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.65	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.76	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.60	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.60	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		75-127%
17060-07-0	1,2-Dichloroethane-D4	115%		75-130%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	110%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 58(8)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-3	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	82.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 58(12)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-4	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	84.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y184057.D	1	03/04/19 15:16	PS	n/a	n/a	VY7981
Run #2							

Run #	Initial Weight
Run #1	6.1 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	25.5	9.7	4.8	ug/kg	
71-43-2	Benzene	ND	0.48	0.36	ug/kg	
108-86-1	Bromobenzene	ND	4.8	0.38	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.42	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.43	ug/kg	
75-25-2	Bromoform ^a	ND	4.8	0.39	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.96	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	3.6	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.39	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.35	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.53	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.34	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.66	ug/kg	
67-66-3	Chloroform	ND	1.9	0.36	ug/kg	
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.37	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.54	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.81	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.97	0.31	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.97	0.29	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.97	0.35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.97	0.33	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	4.8	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.97	0.37	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.97	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.97	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.97	0.92	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.97	0.64	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.39	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.35	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 58(12)
Lab Sample ID: JC83564-4
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19

Date Received: 02/28/19

Percent Solids: 84.9

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.9	0.41	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.52	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	0.97	0.53	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	0.49	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.67	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.31	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.97	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.8	0.33	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.8	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.30	ug/kg	
100-42-5	Styrene	ND	1.9	0.56	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.55	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.45	ug/kg	
108-88-3	Toluene	ND	0.97	0.36	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	0.97	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.97	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.41	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.33	ug/kg	
79-01-6	Trichloroethene	ND	0.97	0.74	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.66	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	0.54	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.61	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.34	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.97	0.72	ug/kg	
95-47-6	o-Xylene	ND	0.97	0.56	ug/kg	
1330-20-7	Xylene (total)	ND	0.97	0.56	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		75-127%
17060-07-0	1,2-Dichloroethane-D4	110%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	110%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 58(12)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-4	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	84.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 58(16)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-5	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	82.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y184058.D	1	03/04/19 15:45	PS	n/a	n/a	VY7981
Run #2							

Run #	Initial Weight
Run #1	6.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	14.3	9.4	4.7	ug/kg	
71-43-2	Benzene	ND	0.47	0.35	ug/kg	
108-86-1	Bromobenzene	ND	4.7	0.37	ug/kg	
74-97-5	Bromochloromethane	ND	4.7	0.40	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.42	ug/kg	
75-25-2	Bromoform ^a	ND	4.7	0.38	ug/kg	
74-83-9	Bromomethane	ND	4.7	0.93	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.4	3.5	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.38	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.34	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.33	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.52	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.33	ug/kg	
75-00-3	Chloroethane	ND	4.7	0.64	ug/kg	
67-66-3	Chloroform	ND	1.9	0.35	ug/kg	
74-87-3	Chloromethane	ND	4.7	1.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.53	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.78	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.32	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.94	0.30	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.94	0.29	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.94	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.94	0.32	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	4.7	0.60	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.94	0.36	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.94	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.94	0.62	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.94	0.90	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.94	0.63	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.38	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.34	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 58(16)
Lab Sample ID: JC83564-5
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19
Date Received: 02/28/19
Percent Solids: 82.0

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.9	0.40	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.51	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.33	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	0.94	0.52	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.7	0.47	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.65	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.30	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.94	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.7	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.7	0.32	ug/kg	
75-09-2	Methylene chloride	ND	4.7	2.3	ug/kg	
91-20-3	Naphthalene	ND	4.7	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.29	ug/kg	
100-42-5	Styrene	ND	1.9	0.54	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.53	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.37	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.43	ug/kg	
108-88-3	Toluene	ND	0.94	0.35	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.7	0.94	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.7	0.94	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.40	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.32	ug/kg	
79-01-6	Trichloroethene	ND	0.94	0.71	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.7	0.64	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.7	0.52	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.60	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.33	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.44	ug/kg	
	m,p-Xylene	ND	0.94	0.70	ug/kg	
95-47-6	o-Xylene	ND	0.94	0.55	ug/kg	
1330-20-7	Xylene (total)	ND	0.94	0.55	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		75-127%
17060-07-0	1,2-Dichloroethane-D4	120%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	110%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 58(16)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-5	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	82.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(0)	
Lab Sample ID:	JC83564-8	Date Sampled: 02/27/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 85.4
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y184059.D	1	03/04/19 16:13	PS	n/a	n/a	VY7981
Run #2							

	Initial Weight
Run #1	6.8 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	28.6	8.6	4.3	ug/kg	
71-43-2	Benzene	ND	0.43	0.32	ug/kg	
108-86-1	Bromobenzene	ND	4.3	0.34	ug/kg	
74-97-5	Bromochloromethane	ND	4.3	0.37	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.38	ug/kg	
75-25-2	Bromoform ^a	ND	4.3	0.35	ug/kg	
74-83-9	Bromomethane	ND	4.3	0.86	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.6	3.2	ug/kg	
104-51-8	n-Butylbenzene	ND	1.7	0.35	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.7	0.31	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.7	0.30	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.47	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.30	ug/kg	
75-00-3	Chloroethane	ND	4.3	0.59	ug/kg	
67-66-3	Chloroform	ND	1.7	0.32	ug/kg	
74-87-3	Chloromethane	ND	4.3	1.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.7	0.33	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.7	0.48	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.7	0.72	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.29	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.86	0.28	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.86	0.26	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.86	0.31	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.86	0.30	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	4.3	0.55	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.86	0.33	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.86	0.40	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.86	0.56	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.86	0.82	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.86	0.57	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.7	0.32	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(0)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-8	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	85.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.7	0.37	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.7	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.30	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.28	ug/kg	
100-41-4	Ethylbenzene	ND	0.86	0.48	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.3	0.43	ug/kg	
98-82-8	Isopropylbenzene	ND	1.7	0.60	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.7	0.28	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.86	0.30	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.3	1.3	ug/kg	
74-95-3	Methylene bromide	ND	4.3	0.29	ug/kg	
75-09-2	Methylene chloride	ND	4.3	2.2	ug/kg	
91-20-3	Naphthalene	ND	4.3	1.7	ug/kg	
103-65-1	n-Propylbenzene	ND	1.7	0.27	ug/kg	
100-42-5	Styrene	ND	1.7	0.50	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.7	0.49	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.34	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.40	ug/kg	
108-88-3	Toluene	ND	0.86	0.32	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.3	0.86	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.3	0.86	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.37	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	0.86	0.66	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.3	0.59	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.3	0.48	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.7	0.55	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.7	0.31	ug/kg	
75-01-4	Vinyl chloride	ND	1.7	0.40	ug/kg	
	m,p-Xylene	ND	0.86	0.64	ug/kg	
95-47-6	o-Xylene	ND	0.86	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	0.86	0.50	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		75-127%
17060-07-0	1,2-Dichloroethane-D4	113%		75-130%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	108%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(0)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-8	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	85.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(4)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-3	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	81.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y184060.D	1	03/04/19 16:42	PS	n/a	n/a	VY7981
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	73.1	11	5.6	ug/kg	
71-43-2	Benzene	ND	0.56	0.42	ug/kg	
108-86-1	Bromobenzene	ND	5.6	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.48	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.49	ug/kg	
75-25-2	Bromoform ^a	ND	5.6	0.45	ug/kg	
74-83-9	Bromomethane	ND	5.6	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.45	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.41	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.39	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.61	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.39	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.76	ug/kg	
67-66-3	Chloroform	ND	2.2	0.41	ug/kg	
74-87-3	Chloromethane	ND	5.6	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.42	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.63	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.93	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.38	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.40	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.38	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	5.6	0.71	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.43	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.52	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.73	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.74	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.45	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.41	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(4)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-9	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	81.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.48	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.39	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.36	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.61	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	0.56	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.78	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.36	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.39	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.6	0.38	ug/kg	
75-09-2	Methylene chloride	ND	5.6	2.8	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.35	ug/kg	
100-42-5	Styrene	ND	2.2	0.64	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.63	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.43	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.51	ug/kg	
108-88-3	Toluene	ND	1.1	0.42	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.38	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.85	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	0.76	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	0.62	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.71	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.40	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.83	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.65	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.65	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		75-127%
17060-07-0	1,2-Dichloroethane-D4	114%		75-130%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	109%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(4)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-9	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	81.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(8)	
Lab Sample ID:	JC83564-10	Date Sampled: 02/27/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 76.7
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y184061.D	1	03/04/19 17:11	PS	n/a	n/a	VY7981
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	32.1	11	5.6	ug/kg	
71-43-2	Benzene	ND	0.56	0.42	ug/kg	
108-86-1	Bromobenzene	ND	5.6	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.48	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.50	ug/kg	
75-25-2	Bromoform ^a	ND	5.6	0.45	ug/kg	
74-83-9	Bromomethane	ND	5.6	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.46	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.41	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.39	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.62	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.40	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.77	ug/kg	
67-66-3	Chloroform	ND	2.2	0.42	ug/kg	
74-87-3	Chloromethane	ND	5.6	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.43	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.63	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.94	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.38	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.40	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	5.6	0.71	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.43	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.74	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.75	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.46	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.41	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(8)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-10	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	76.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.48	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.61	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.40	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.37	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.62	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	0.57	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.78	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.36	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.6	0.38	ug/kg	
75-09-2	Methylene chloride	ND	5.6	2.8	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.35	ug/kg	
100-42-5	Styrene	ND	2.2	0.65	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.64	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.44	ug/kg	
127-18-4	Tetrachloroethene	2.9	2.2	0.52	ug/kg	
108-88-3	Toluene	ND	1.1	0.42	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.38	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.86	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	0.77	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	0.62	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.71	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.40	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.53	ug/kg	
	m,p-Xylene	ND	1.1	0.84	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.66	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.66	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		75-127%
17060-07-0	1,2-Dichloroethane-D4	113%		75-130%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	106%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(8)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-10	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	76.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(12)	
Lab Sample ID:	JC83564-11	Date Sampled: 02/27/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 79.0
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y184062.D	1	03/04/19 17:40	PS	n/a	n/a	VY7981
Run #2							

	Initial Weight
Run #1	6.6 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	23.8	9.6	4.8	ug/kg	
71-43-2	Benzene	ND	0.48	0.36	ug/kg	
108-86-1	Bromobenzene	ND	4.8	0.38	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.41	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.42	ug/kg	
75-25-2	Bromoform ^a	ND	4.8	0.39	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.96	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.6	3.6	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.39	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.35	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.53	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.34	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.66	ug/kg	
67-66-3	Chloroform	ND	1.9	0.36	ug/kg	
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.54	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.80	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.32	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.96	0.31	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.96	0.29	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.96	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.96	0.33	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	4.8	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.96	0.37	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.96	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.96	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.96	0.92	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.96	0.64	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.39	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.35	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(12)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-11	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	79.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.9	0.41	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.52	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	0.96	0.53	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	0.48	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.67	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.31	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.96	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.8	0.33	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.8	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.30	ug/kg	
100-42-5	Styrene	ND	1.9	0.55	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.55	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.37	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.44	ug/kg	
108-88-3	Toluene	ND	0.96	0.36	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	0.96	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.41	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.33	ug/kg	
79-01-6	Trichloroethene	ND	0.96	0.73	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.65	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	0.53	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.61	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.34	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.96	0.72	ug/kg	
95-47-6	o-Xylene	ND	0.96	0.56	ug/kg	
1330-20-7	Xylene (total)	ND	0.96	0.56	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		75-127%
17060-07-0	1,2-Dichloroethane-D4	116%		75-130%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	117%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(12)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-11	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	79.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(16)	
Lab Sample ID:	JC83564-12	Date Sampled: 02/27/19
Matrix:	SO - Soil	Date Received: 02/28/19
Method:	SW846 8260C	Percent Solids: 83.3
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y184063.D	1	03/04/19 18:08	PS	n/a	n/a	VY7981
Run #2							

	Initial Weight
Run #1	5.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	35.8	11	5.3	ug/kg	
71-43-2	Benzene	ND	0.53	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.3	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.47	ug/kg	
75-25-2	Bromoform ^a	ND	5.3	0.42	ug/kg	
74-83-9	Bromomethane	ND	5.3	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	3.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.38	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.58	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.37	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.72	ug/kg	
67-66-3	Chloroform	ND	2.1	0.39	ug/kg	
74-87-3	Chloromethane	ND	5.3	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.88	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.36	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	5.3	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.69	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 59(16)
Lab Sample ID: JC83564-12
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/27/19**Date Received:** 02/28/19**Percent Solids:** 83.3

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.57	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.58	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	0.53	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.73	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.3	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.3	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.3	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.61	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.60	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.49	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.80	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.72	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.67	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.49	ug/kg	
	m,p-Xylene	ND	1.1	0.79	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		75-127%
17060-07-0	1,2-Dichloroethane-D4	116%		75-130%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	106%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 59(16)	Date Sampled:	02/27/19
Lab Sample ID:	JC83564-12	Date Received:	02/28/19
Matrix:	SO - Soil	Percent Solids:	83.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



5LL

CHAIN OF CUSTODY

PAGE 1 OF 2

2215 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #
Accutest Quote #
Bottle Order Control #
Accutest Job # JC83564

Client / Reporting Information				Project Information				Requested Analysis (see TEST CODE sheet)												Matrix Codes	
Company Name Arcadis				Project Name GE Tell City				VOCs (8260)												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RS - Rinse Blank TB - Trip Blank	
Street Address 150 W. Market, Suite 728				Billing Information (if different from Report to)																	
City State Zip Indianapolis, IN 46204				Company Name																	
Project Contact Daniel.Petzold@arcadis.com				Street Address																	
Phone # 317-709-0081				Project # ALL00911.0017				City State Zip													
Sample Name(s) K Antell 317752463				Project Manager Jon Akin				Attention:													
Sample #				Collection				Number of preserved Bottles													
Field ID / Point of Collection				MECHDI Val #				Date Time													
1 SAP 58(0)				2/27/14 105 K				SO 4												P5	
2 SAP 58(4)				2/27/14 110 K				SO 4												14B3	
3 SAP 58(8)				2/27/14 115 K				SO 4												49.31	
4 SAP 58(12)				2/27/14 120 K				SO 4													
5 SAP 58(16)				2/27/14 125 K				SO 4													
6 SAP 58(20) hold				2/27/14 130 K				SO 4													
7 SAP 58(24) hold				2/27/14 135 K				SO 4													
8 SAP 59(0)				2/27/14 1200 K				SO 4												INITIAL ASSESSMENT BBK	
9 SAP 59(4)				2/27/14 1205 K				SO 4												LABEL VERIFICATION	
10 SAP 59(8)				2/27/14 1210 K				SO 4													
11 SAP 59(12)				2/27/14 1215 K				SO 4													
12 SAP 59(16)				2/27/14 1220 K				SO 4													
Turnaround Time (Business days)				Approved By (Accutest PM): / Date:				Date Deliverable Information												Comments / Special Instructions	
<input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> other								<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> FULLTY (Level 3+) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other													
Emergency & Rush T/A data available VIA Lablink								Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data													
Relinquished by Sampler:				Date Time:				Received By:				Date Time:				Received By:					
1				2/27/14 1240				1 FEA Ex				2/28/14 0915				2					
Relinquished by Sampler:				Date Time:				Received By:				Date Time:				Received By:					
3								3								4					
Relinquished by:				Date Time:				Received By:				Date Time:				Received By:					
5								5								5					
Custody Seal #				Intact				Not Intact				Preserved where applicable				On Ice					
																Cooler Temp. 2.5					

JC83564: Chain of Custody

Page 1 of 3

2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

[illegible]

4.4.1

JC83564: Chain of Custody

Page 2 of 3

SGS Sample Receipt Summary

Job Number: JC83564

Client: ARCADIS

Project: GE, 13TH STREET, TELL CITY, IN

Date / Time Received: 2/28/2019 9:15:00 AM

Delivery Method:

Airbill #s:

Cooler Temps (Raw Measured) °C: Cooler 1: (2.5);

Cooler Temps (Corrected) °C: Cooler 1: (1.5);

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | IR Gun | |
| 3. Cooler media: | Ice (Bag) | |
| 4. No. Coolers: | 1 | |

Quality Control Preservation

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. VOCs headspace free: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N

N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Test Strip Lot #s:

pH 1-12: 206717

pH 12+: 208717

Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JC83564: Chain of Custody

Page 3 of 3

MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 3

Job Number: JC83564**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY7981-MB	Y184053.D	1	03/04/19	PS	n/a	n/a	VY7981

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83564-1, JC83564-2, JC83564-3, JC83564-4, JC83564-5, JC83564-8, JC83564-9, JC83564-10, JC83564-11, JC83564-12

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83564**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY7981-MB	Y184053.D	1	03/04/19	PS	n/a	n/a	VY7981

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83564-1, JC83564-2, JC83564-3, JC83564-4, JC83564-5, JC83564-8, JC83564-9, JC83564-10, JC83564-11, JC83564-12

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	100% 75-127%
17060-07-0	1,2-Dichloroethane-D4	105% 75-130%
2037-26-5	Toluene-D8	100% 80-120%
460-00-4	4-Bromofluorobenzene	106% 79-127%

Method Blank Summary

Job Number: JC83564
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY7981-MB	Y184053.D	1	03/04/19	PS	n/a	n/a	VY7981

The QC reported here applies to the following samples:

Method:

JC83564-1, JC83564-2, JC83564-3, JC83564-4, JC83564-5, JC83564-8, JC83564-9, JC83564-10, JC83564-11, JC83564-12

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Page 1 of 2

Job Number: JC83564**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY7981-BS	Y184051.D	1	03/04/19	PS	n/a	n/a	VY7981

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83564-1, JC83564-2, JC83564-3, JC83564-4, JC83564-5, JC83564-8, JC83564-9, JC83564-10, JC83564-11, JC83564-12

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	216	108	48-149
71-43-2	Benzene	50	49.4	99	74-117
108-86-1	Bromobenzene	50	45.0	90	77-117
74-97-5	Bromochloromethane	50	48.3	97	82-121
75-27-4	Bromodichloromethane	50	50.3	101	78-119
75-25-2	Bromoform	50	55.5	111	76-130
74-83-9	Bromomethane	50	40.6	81	58-137
78-93-3	2-Butanone (MEK)	200	219	110	65-143
104-51-8	n-Butylbenzene	50	45.8	92	74-123
135-98-8	sec-Butylbenzene	50	43.7	87	74-123
98-06-6	tert-Butylbenzene	50	43.2	86	73-124
56-23-5	Carbon tetrachloride	50	47.0	94	69-136
108-90-7	Chlorobenzene	50	46.8	94	79-117
75-00-3	Chloroethane	50	45.1	90	62-139
67-66-3	Chloroform	50	45.9	92	76-119
74-87-3	Chloromethane	50	45.3	91	52-144
95-49-8	o-Chlorotoluene	50	44.6	89	77-118
106-43-4	p-Chlorotoluene	50	45.6	91	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	53.5	107	72-124
124-48-1	Dibromochloromethane	50	49.7	99	78-122
106-93-4	1,2-Dibromoethane	50	49.4	99	80-116
95-50-1	1,2-Dichlorobenzene	50	47.8	96	77-117
541-73-1	1,3-Dichlorobenzene	50	45.3	91	75-117
106-46-7	1,4-Dichlorobenzene	50	46.9	94	76-115
75-71-8	Dichlorodifluoromethane	50	52.9	106	43-156
75-34-3	1,1-Dichloroethane	50	41.7	83	75-124
107-06-2	1,2-Dichloroethane	50	53.5	107	74-124
75-35-4	1,1-Dichloroethene	50	47.7	95	64-129
156-59-2	cis-1,2-Dichloroethene	50	47.2	94	74-118
156-60-5	trans-1,2-Dichloroethene	50	42.5	85	71-125
78-87-5	1,2-Dichloropropane	50	47.1	94	80-119
142-28-9	1,3-Dichloropropane	50	46.6	93	79-115
594-20-7	2,2-Dichloropropane	50	46.3	93	66-130
563-58-6	1,1-Dichloropropene	50	46.8	94	74-124
10061-01-5	cis-1,3-Dichloropropene	50	49.2	98	80-119
10061-02-6	trans-1,3-Dichloropropene	50	50.9	102	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83564**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY7981-BS	Y184051.D	1	03/04/19	PS	n/a	n/a	VY7981

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83564-1, JC83564-2, JC83564-3, JC83564-4, JC83564-5, JC83564-8, JC83564-9, JC83564-10, JC83564-11, JC83564-12

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	46.6	93	75-118
87-68-3	Hexachlorobutadiene	50	43.6	87	64-133
98-82-8	Isopropylbenzene	50	47.2	94	74-122
99-87-6	p-Isopropyltoluene	50	44.1	88	74-121
1634-04-4	Methyl Tert Butyl Ether	50	45.6	91	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	217	109	73-136
74-95-3	Methylene bromide	50	48.5	97	82-120
75-09-2	Methylene chloride	50	39.3	79	73-120
91-20-3	Naphthalene	50	52.0	104	71-130
103-65-1	n-Propylbenzene	50	43.6	87	75-120
100-42-5	Styrene	50	47.9	96	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	50.2	100	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	47.4	95	72-120
127-18-4	Tetrachloroethene	50	43.5	87	69-128
108-88-3	Toluene	50	47.6	95	74-117
87-61-6	1,2,3-Trichlorobenzene	50	51.1	102	72-133
120-82-1	1,2,4-Trichlorobenzene	50	48.0	96	73-132
71-55-6	1,1,1-Trichloroethane	50	45.9	92	73-131
79-00-5	1,1,2-Trichloroethane	50	46.6	93	79-117
79-01-6	Trichloroethene	50	45.4	91	80-120
75-69-4	Trichlorofluoromethane	50	42.9	86	63-141
96-18-4	1,2,3-Trichloropropane	50	47.0	94	77-121
95-63-6	1,2,4-Trimethylbenzene	50	45.2	90	76-119
108-67-8	1,3,5-Trimethylbenzene	50	45.6	91	74-119
75-01-4	Vinyl chloride	50	46.8	94	55-145
	m,p-Xylene	100	93.6	94	75-120
95-47-6	o-Xylene	50	48.3	97	75-119
1330-20-7	Xylene (total)	150	142	95	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	75-127%
17060-07-0	1,2-Dichloroethane-D4	110%	75-130%
2037-26-5	Toluene-D8	101%	80-120%
460-00-4	4-Bromofluorobenzene	99%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC83564
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83564-1MS	Y184066.D	1	03/04/19	PS	n/a	n/a	VY7981
JC83564-1	Y184054.D	1	03/04/19	PS	n/a	n/a	VY7981

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83564-1, JC83564-2, JC83564-3, JC83564-4, JC83564-5, JC83564-8, JC83564-9, JC83564-10, JC83564-11, JC83564-12

CAS No.	Compound	JC83564-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	61.2		186	195	72	10-157
71-43-2	Benzene	ND		46.5	41.8	90	58-125
108-86-1	Bromobenzene	ND		46.5	37.9	82	50-129
74-97-5	Bromochloromethane	ND		46.5	40.3	87	60-127
75-27-4	Bromodichloromethane	ND		46.5	46.1	99	57-128
75-25-2	Bromoform	ND		46.5	43.5	94	48-133
74-83-9	Bromomethane	ND		46.5	38.5	83	31-141
78-93-3	2-Butanone (MEK)	5.7	J	186	166	86	29-146
104-51-8	n-Butylbenzene	ND		46.5	31.8	68	23-149
135-98-8	sec-Butylbenzene	ND		46.5	35.3	76	33-147
98-06-6	tert-Butylbenzene	ND		46.5	35.6	77	39-145
56-23-5	Carbon tetrachloride	ND		46.5	42.1	91	51-143
108-90-7	Chlorobenzene	ND		46.5	39.8	86	54-130
75-00-3	Chloroethane	ND		46.5	42.7	92	22-153
67-66-3	Chloroform	ND		46.5	40.5	87	61-125
74-87-3	Chloromethane	ND		46.5	36.6	79	43-142
95-49-8	o-Chlorotoluene	ND		46.5	36.4	78	47-137
106-43-4	p-Chlorotoluene	ND		46.5	38.2	82	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		46.5	36.7	79	41-127
124-48-1	Dibromochloromethane	ND		46.5	42.5	91	56-127
106-93-4	1,2-Dibromoethane	ND		46.5	40.7	88	54-121
95-50-1	1,2-Dichlorobenzene	ND		46.5	36.4	78	41-134
541-73-1	1,3-Dichlorobenzene	ND		46.5	35.8	77	41-135
106-46-7	1,4-Dichlorobenzene	ND		46.5	35.9	77	41-133
75-71-8	Dichlorodifluoromethane	ND		46.5	45.2	97	30-153
75-34-3	1,1-Dichloroethane	ND		46.5	41.7	90	61-131
107-06-2	1,2-Dichloroethane	ND		46.5	44.1	95	56-126
75-35-4	1,1-Dichloroethene	ND		46.5	42.3	91	53-132
156-59-2	cis-1,2-Dichloroethene	ND		46.5	39.7	85	57-125
156-60-5	trans-1,2-Dichloroethene	ND		46.5	43.9	94	56-130
78-87-5	1,2-Dichloropropane	ND		46.5	43.8	94	63-126
142-28-9	1,3-Dichloropropane	ND		46.5	41.0	88	58-119
594-20-7	2,2-Dichloropropane	ND		46.5	32.0	69	41-135
563-58-6	1,1-Dichloropropene	ND		46.5	41.7	90	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		46.5	41.1	88	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		46.5	40.7	88	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83564
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83564-1MS	Y184066.D	1	03/04/19	PS	n/a	n/a	VY7981
JC83564-1	Y184054.D	1	03/04/19	PS	n/a	n/a	VY7981

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83564-1, JC83564-2, JC83564-3, JC83564-4, JC83564-5, JC83564-8, JC83564-9, JC83564-10, JC83564-11, JC83564-12

CAS No.	Compound	JC83564-1 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		46.5	39.0	84	49-132
87-68-3	Hexachlorobutadiene	ND		46.5	27.7	60	10-165
98-82-8	Isopropylbenzene	ND		46.5	39.4	85	43-141
99-87-6	p-Isopropyltoluene	ND		46.5	35.0	75	34-144
1634-04-4	Methyl Tert Butyl Ether	ND		46.5	42.3	91	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		186	168	90	40-140
74-95-3	Methylene bromide	ND		46.5	42.0	90	57-124
75-09-2	Methylene chloride	ND		46.5	39.3	85	57-123
91-20-3	Naphthalene	ND		46.5	34.4	74	22-145
103-65-1	n-Propylbenzene	ND		46.5	36.1	78	41-139
100-42-5	Styrene	ND		46.5	39.9	86	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		46.5	41.5	89	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		46.5	38.2	82	44-127
127-18-4	Tetrachloroethene	ND		46.5	38.2	82	39-154
108-88-3	Toluene	ND		46.5	42.5	91	54-127
87-61-6	1,2,3-Trichlorobenzene	ND		46.5	33.4	72	17-151
120-82-1	1,2,4-Trichlorobenzene	ND		46.5	32.2	69	19-153
71-55-6	1,1,1-Trichloroethane	ND		46.5	41.3	89	57-138
79-00-5	1,1,2-Trichloroethane	ND		46.5	39.3	85	53-127
79-01-6	Trichloroethene	ND		46.5	41.2	89	52-140
75-69-4	Trichlorofluoromethane	ND		46.5	41.2	89	46-142
96-18-4	1,2,3-Trichloropropane	ND		46.5	38.2	82	48-129
95-63-6	1,2,4-Trimethylbenzene	ND		46.5	37.1	80	39-142
108-67-8	1,3,5-Trimethylbenzene	ND		46.5	37.5	81	40-140
75-01-4	Vinyl chloride	ND		46.5	40.2	87	43-146
	m,p-Xylene	ND		92.9	77.7	84	45-137
95-47-6	o-Xylene	ND		46.5	40.7	88	48-135
1330-20-7	Xylene (total)	ND		139	118	85	46-137

CAS No.	Surrogate Recoveries	MS	JC83564-1	Limits
1868-53-7	Dibromofluoromethane	102%	102%	75-127%
17060-07-0	1,2-Dichloroethane-D4	108%	109%	75-130%
2037-26-5	Toluene-D8	103%	101%	80-120%
460-00-4	4-Bromofluorobenzene	104%	107%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JC83564**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83564-2DUP	Y184068.D	1	03/04/19	PS	n/a	n/a	VY7981
JC83564-2	Y184055.D	1	03/04/19	PS	n/a	n/a	VY7981

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83564-1, JC83564-2, JC83564-3, JC83564-4, JC83564-5, JC83564-8, JC83564-9, JC83564-10, JC83564-11, JC83564-12

CAS No.	Compound	JC83564-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
67-64-1	Acetone	80.1		80.0		0	40
71-43-2	Benzene	ND		ND		nc	30
108-86-1	Bromobenzene	ND		ND		nc	30
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	30
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	30
78-93-3	2-Butanone (MEK)	11.0		10.6		4	30
104-51-8	n-Butylbenzene	ND		ND		nc	30
135-98-8	sec-Butylbenzene	ND		ND		nc	30
98-06-6	tert-Butylbenzene	ND		ND		nc	30
56-23-5	Carbon tetrachloride	ND		ND		nc	30
108-90-7	Chlorobenzene	ND		ND		nc	30
75-00-3	Chloroethane	ND		ND		nc	30
67-66-3	Chloroform	ND		ND		nc	30
74-87-3	Chloromethane	ND		ND		nc	30
95-49-8	o-Chlorotoluene	ND		ND		nc	30
106-43-4	p-Chlorotoluene	ND		ND		nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	30
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	30
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	30
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	30
107-06-2	1,2-Dichloroethane	ND		ND		nc	30
75-35-4	1,1-Dichloroethene	ND		ND		nc	30
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	30
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	30
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
142-28-9	1,3-Dichloropropane	ND		ND		nc	30
594-20-7	2,2-Dichloropropane	ND		ND		nc	30
563-58-6	1,1-Dichloropropene	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 2

Job Number: JC83564

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83564-2DUP	Y184068.D	1	03/04/19	PS	n/a	n/a	VY7981
JC83564-2	Y184055.D	1	03/04/19	PS	n/a	n/a	VY7981

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83564-1, JC83564-2, JC83564-3, JC83564-4, JC83564-5, JC83564-8, JC83564-9, JC83564-10, JC83564-11, JC83564-12

CAS No.	Compound	JC83564-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
100-41-4	Ethylbenzene	ND	ND			nc	30
87-68-3	Hexachlorobutadiene	ND	ND			nc	30
98-82-8	Isopropylbenzene	ND	ND			nc	30
99-87-6	p-Isopropyltoluene	ND	ND			nc	30
1634-04-4	Methyl Tert Butyl Ether	ND	ND			nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND			nc	30
74-95-3	Methylene bromide	ND	ND			nc	30
75-09-2	Methylene chloride	ND	ND			nc	36
91-20-3	Naphthalene	ND	ND			nc	30
103-65-1	n-Propylbenzene	ND	ND			nc	30
100-42-5	Styrene	ND	ND			nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND			nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND			nc	30
127-18-4	Tetrachloroethene	ND	ND			nc	30
108-88-3	Toluene	ND	ND			nc	24
87-61-6	1,2,3-Trichlorobenzene	ND	ND			nc	30
120-82-1	1,2,4-Trichlorobenzene	ND	ND			nc	30
71-55-6	1,1,1-Trichloroethane	ND	ND			nc	30
79-00-5	1,1,2-Trichloroethane	ND	ND			nc	30
79-01-6	Trichloroethene	ND	ND			nc	30
75-69-4	Trichlorofluoromethane	ND	ND			nc	30
96-18-4	1,2,3-Trichloropropane	ND	ND			nc	30
95-63-6	1,2,4-Trimethylbenzene	ND	ND			nc	30
108-67-8	1,3,5-Trimethylbenzene	ND	ND			nc	30
75-01-4	Vinyl chloride	ND	ND			nc	30
	m,p-Xylene	ND	ND			nc	32
95-47-6	o-Xylene	ND	ND			nc	30
1330-20-7	Xylene (total)	ND	ND			nc	33

CAS No.	Surrogate Recoveries	DUP	JC83564-2	Limits
1868-53-7	Dibromofluoromethane	105%	106%	75-127%
17060-07-0	1,2-Dichloroethane-D4	115%	112%	75-130%
2037-26-5	Toluene-D8	99%	99%	80-120%
460-00-4	4-Bromofluorobenzene	106%	113%	79-127%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83564
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VY7970-BFB
Lab File ID: Y183801.D
Instrument ID: GCMSY
Injection Date: 02/19/19
Injection Time: 16:01

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	17376	19.5	Pass
75	30.0 - 60.0% of mass 95	44922	50.5	Pass
95	Base peak, 100% relative abundance	88914	100.0	Pass
96	5.0 - 9.0% of mass 95	6046	6.80	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	88733	99.8	Pass
175	5.0 - 9.0% of mass 174	6955	7.82 (7.84) ^a	Pass
176	95.0 - 101.0% of mass 174	87626	98.6 (98.8) ^a	Pass
177	5.0 - 9.0% of mass 176	5869	6.60 (6.70) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY7970-IC7970	Y183803.D	02/19/19	17:04	01:03	Initial cal 0.5
VY7970-IC7970	Y183804.D	02/19/19	17:33	01:32	Initial cal 1
VY7970-IC7970	Y183805.D	02/19/19	18:01	02:00	Initial cal 2
VY7970-IC7970	Y183806.D	02/19/19	18:30	02:29	Initial cal 4
VY7970-IC7970	Y183807.D	02/19/19	18:58	02:57	Initial cal 8
VY7970-IC7970	Y183808.D	02/19/19	19:26	03:25	Initial cal 20
VY7970-ICC7970	Y183809.D	02/19/19	19:55	03:54	Initial cal 50
VY7970-IC7970	Y183810.D	02/19/19	20:23	04:22	Initial cal 100
VY7970-IC7970	Y183811.D	02/19/19	20:52	04:51	Initial cal 200
VY7970-ICV7970	Y183814.D	02/19/19	22:18	06:17	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83564
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VY7981-BFB
Lab File ID: Y184050.D
Instrument ID: GCMSY
Injection Date: 03/04/19
Injection Time: 11:33

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	16850	19.1	Pass
75	30.0 - 60.0% of mass 95	45277	51.2	Pass
95	Base peak, 100% relative abundance	88432	100.0	Pass
96	5.0 - 9.0% of mass 95	6006	6.79	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	86848	98.2	Pass
175	5.0 - 9.0% of mass 174	7021	7.94 (8.08) ^a	Pass
176	95.0 - 101.0% of mass 174	85200	96.3 (98.1) ^a	Pass
177	5.0 - 9.0% of mass 176	5818	6.58 (6.83) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VY7981-CC7970	Y184050.D	03/04/19	11:33	00:00	Continuing cal 50
VY7981-BS	Y184051.D	03/04/19	12:12	00:39	Blank Spike
VY7981-MB	Y184053.D	03/04/19	13:22	01:49	Method Blank
JC83564-1	Y184054.D	03/04/19	13:51	02:18	SAP 58(0)
JC83564-2	Y184055.D	03/04/19	14:19	02:46	SAP 58(4)
JC83564-3	Y184056.D	03/04/19	14:48	03:15	SAP 58(8)
JC83564-4	Y184057.D	03/04/19	15:16	03:43	SAP 58(12)
JC83564-5	Y184058.D	03/04/19	15:45	04:12	SAP 58(16)
JC83564-8	Y184059.D	03/04/19	16:13	04:40	SAP 59(0)
JC83564-9	Y184060.D	03/04/19	16:42	05:09	SAP 59(4)
JC83564-10	Y184061.D	03/04/19	17:11	05:38	SAP 59(8)
JC83564-11	Y184062.D	03/04/19	17:40	06:07	SAP 59(12)
JC83564-12	Y184063.D	03/04/19	18:08	06:35	SAP 59(16)
ZZZZZZ	Y184065.D	03/04/19	19:05	07:32	(unrelated sample)
JC83564-1MS	Y184066.D	03/04/19	19:34	08:01	Matrix Spike
JC83564-2DUP	Y184068.D	03/04/19	20:31	08:58	Duplicate
ZZZZZZ	Y184069.D	03/04/19	21:00	09:27	(unrelated sample)
ZZZZZZ	Y184070.D	03/04/19	21:29	09:56	(unrelated sample)
ZZZZZZ	Y184071.D	03/04/19	21:58	10:25	(unrelated sample)
ZZZZZZ	Y184072.D	03/04/19	22:26	10:53	(unrelated sample)
ZZZZZZ	Y184073.D	03/04/19	22:55	11:22	(unrelated sample)
ZZZZZZ	Y184074.D	03/04/19	23:23	11:50	(unrelated sample)

Surrogate Recovery Summary

Job Number: JC83564
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C	Matrix: SO
---------------------	------------

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC83564-1	Y184054.D	102	109	101	107
JC83564-2	Y184055.D	106	112	99	113
JC83564-3	Y184056.D	105	115	100	110
JC83564-4	Y184057.D	105	110	98	110
JC83564-5	Y184058.D	104	120	96	110
JC83564-8	Y184059.D	107	113	99	108
JC83564-9	Y184060.D	103	114	101	109
JC83564-10	Y184061.D	103	113	99	106
JC83564-11	Y184062.D	105	116	101	117
JC83564-12	Y184063.D	104	116	101	106
JC83564-1MS	Y184066.D	102	108	103	104
JC83564-2DUP	Y184068.D	105	115	99	106
VY7981-BS	Y184051.D	102	110	101	99
VY7981-MB	Y184053.D	100	105	100	106

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	75-127%
S2 = 1,2-Dichloroethane-D4	75-130%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	79-127%

5.6.1
5

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Arcadis

GE, 13th Street, Tell City, IN

ALL000911.0017

SGS Job Number: JC83492

Sampling Dates: 02/25/19 - 02/26/19

Report to:

Arcadis
150 West Market Suite 728
Indianapolis, IN 46204
Daniel.Petzold@Arcadis.com

ATTN: Daniel Petzold

Total number of pages in report: **126**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read 'Brian McGuire'.

Brian McGuire
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	5
Section 3: Sample Results	8
3.1: JC83492-1: SAP-66(3)	9
3.2: JC83492-2: SAP-66(8)	11
3.3: JC83492-3: SAP-66(12)	13
3.4: JC83492-4: SAP-66(16)	15
3.5: JC83492-7: SAP-67(0)	17
3.6: JC83492-8: SAP-67(4)	19
3.7: JC83492-9: SAP-67(8)	21
3.8: JC83492-10: SAP-67(12)	23
3.9: JC83492-11: SAP-67(16)	25
3.10: JC83492-14: SAP-65(0)	27
3.11: JC83492-15: SAP-65(4)	29
3.12: JC83492-16: SAP-65(8)	31
3.13: JC83492-17: SAP-65(12)	33
3.14: JC83492-18: SAP-65(16)	35
3.15: JC83492-19R: SAP-65(20)	38
3.16: JC83492-20R: SAP-65(24)	41
3.17: JC83492-21: SAP-61(28)	44
3.18: JC83492-22: SAP-60(12)	47
3.19: JC83492-23: SAP-60(16)	50
3.20: JC83492-24: SAP-60(20)	52
3.21: JC83492-25: DUP-1	54
Section 4: Misc. Forms	56
4.1: Chain of Custody	57
Section 5: MS Volatiles - QC Data Summaries	62
5.1: Method Blank Summary	63
5.2: Blank Spike Summary	77
5.3: Matrix Spike Summary	88
5.4: Matrix Spike/Matrix Spike Duplicate Summary	97
5.5: Duplicate Summary	100
5.6: Instrument Performance Checks (BFB)	111
5.7: Surrogate Recovery Summaries	125

Sample Summary

Arcadis

Job No: JC83492

GE, 13th Street, Tell City, IN
Project No: ALL000911.0017

Sample Number	Collected			Received	Matrix		Client Sample ID
	Date	Time	By		Code	Type	
JC83492-1	02/25/19	14:10	KA	02/27/19	SO	Soil	SAP-66(3)
JC83492-2	02/25/19	14:30	KA	02/27/19	SO	Soil	SAP-66(8)
JC83492-3	02/25/19	14:40	KA	02/27/19	SO	Soil	SAP-66(12)
JC83492-4	02/25/19	14:50	KA	02/27/19	SO	Soil	SAP-66(16)
JC83492-7	02/25/19	15:25	KA	02/27/19	SO	Soil	SAP-67(0)
JC83492-8	02/25/19	15:35	KA	02/27/19	SO	Soil	SAP-67(4)
JC83492-9	02/25/19	16:00	KA	02/27/19	SO	Soil	SAP-67(8)
JC83492-10	02/25/19	16:05	KA	02/27/19	SO	Soil	SAP-67(12)
JC83492-11	02/25/19	16:10	KA	02/27/19	SO	Soil	SAP-67(16)
JC83492-14	02/26/19	08:50	KA	02/27/19	SO	Soil	SAP-65(0)
JC83492-15	02/26/19	09:05	KA	02/27/19	SO	Soil	SAP-65(4)
JC83492-16	02/26/19	09:10	KA	02/27/19	SO	Soil	SAP-65(8)
JC83492-17	02/26/19	09:15	KA	02/27/19	SO	Soil	SAP-65(12)

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary
(continued)

Arcadis

Job No: JC83492

GE, 13th Street, Tell City, IN
Project No: ALL000911.0017

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JC83492-18	02/26/19	09:20 KA	02/27/19	SO	Soil	SAP-65(16)
JC83492-19R	02/26/19	09:50 KA	02/27/19	SO	Soil	SAP-65(20)
JC83492-20R	02/26/19	09:55 KA	02/27/19	SO	Soil	SAP-65(24)
JC83492-21	02/26/19	10:50 KA	02/27/19	SO	Soil	SAP-61(28)
JC83492-22	02/26/19	11:45 KA	02/27/19	SO	Soil	SAP-60(12)
JC83492-23	02/26/19	11:50 KA	02/27/19	SO	Soil	SAP-60(16)
JC83492-24	02/26/19	11:55 KA	02/27/19	SO	Soil	SAP-60(20)
JC83492-25	02/26/19	00:00 KA	02/27/19	SO	Soil	DUP-1

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Page 1 of 3

Job Number: JC83492
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/25/19 thru 02/26/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC83492-1	SAP-66(3)					
Acetone		29.3	11	5.3	ug/kg	SW846 8260C
JC83492-2	SAP-66(8)					
Acetone		22.8	10	5.2	ug/kg	SW846 8260C
JC83492-3	SAP-66(12)					
Acetone		16.4	11	5.3	ug/kg	SW846 8260C
JC83492-4	SAP-66(16)					
Acetone		19.2	9.4	4.7	ug/kg	SW846 8260C
JC83492-7	SAP-67(0)					
Acetone		21.6	8.9	4.4	ug/kg	SW846 8260C
JC83492-8	SAP-67(4)					
Acetone		6.2 J	10	5.2	ug/kg	SW846 8260C
JC83492-9	SAP-67(8)					
No hits reported in this sample.						
JC83492-10	SAP-67(12)					
Acetone		5.9 J	10	5.0	ug/kg	SW846 8260C
JC83492-11	SAP-67(16)					
Acetone		42.1	13	6.5	ug/kg	SW846 8260C
JC83492-14	SAP-65(0)					
Acetone		18.7	9.0	4.5	ug/kg	SW846 8260C
JC83492-15	SAP-65(4)					
Acetone		25.2	10	5.1	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		1.5	1.0	0.98	ug/kg	SW846 8260C

Summary of Hits

Job Number: JC83492
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/25/19 thru 02/26/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC83492-16 SAP-65(8)						
Acetone		13.6	11	5.6	ug/kg	SW846 8260C
Trichloroethene		4.8	1.1	0.85	ug/kg	SW846 8260C
JC83492-17 SAP-65(12)						
Acetone		6.6 J	10	5.2	ug/kg	SW846 8260C
Trichloroethene		8.6	1.0	0.80	ug/kg	SW846 8260C
JC83492-18 SAP-65(16)						
Acetone		28.8	10	5.0	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		1.1	1.0	0.96	ug/kg	SW846 8260C
Tetrachloroethene		1.7 J	2.0	0.46	ug/kg	SW846 8260C
Trichloroethene		2490	130	100	ug/kg	SW846 8260C
JC83492-19R SAP-65(20)						
Acetone ^a		24.2	10	5.0	ug/kg	SW846 8260C
cis-1,2-Dichloroethene ^a		8.9	1.0	0.96	ug/kg	SW846 8260C
Trichloroethene ^a		16300	120	93	ug/kg	SW846 8260C
JC83492-20R SAP-65(24)						
Acetone ^a		13.9	10	5.2	ug/kg	SW846 8260C
JC83492-21 SAP-61(28)						
Acetone		21.8	9.4	4.7	ug/kg	SW846 8260C
Benzene		2.3	0.47	0.36	ug/kg	SW846 8260C
1,1-Dichloroethene		12.3	0.94	0.62	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		38900	1200	1100	ug/kg	SW846 8260C
trans-1,2-Dichloroethene		49.1	0.94	0.63	ug/kg	SW846 8260C
Toluene		0.47 J	0.94	0.35	ug/kg	SW846 8260C
Trichloroethene		1040	120	88	ug/kg	SW846 8260C
Vinyl chloride		2860	230	54	ug/kg	SW846 8260C
JC83492-22 SAP-60(12)						
Acetone		30.4	11	5.7	ug/kg	SW846 8260C
Trichloroethene		6.3	1.1	0.87	ug/kg	SW846 8260C

Summary of Hits

Job Number: JC83492
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/25/19 thru 02/26/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

JC83492-23 SAP-60(16)

Acetone	18.6	9.0	4.5	ug/kg	SW846 8260C
Tetrachloroethene	0.63 J	1.8	0.42	ug/kg	SW846 8260C
Trichloroethene	11.1	0.90	0.69	ug/kg	SW846 8260C

JC83492-24 SAP-60(20)

Acetone	52.4	15	7.7	ug/kg	SW846 8260C
cis-1,2-Dichloroethene	88.4	1.5	1.5	ug/kg	SW846 8260C
Tetrachloroethene	0.99 J	3.1	0.71	ug/kg	SW846 8260C
Trichloroethene	1.3 J	1.5	1.2	ug/kg	SW846 8260C
Vinyl chloride	1.0 J	3.1	0.72	ug/kg	SW846 8260C

JC83492-25 DUP-1

Acetone	32.2	12	6.2	ug/kg	SW846 8260C
Trichloroethene	7.8	1.2	0.95	ug/kg	SW846 8260C

(a) Sample analyzed outside the holding time.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SAP-66(3)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-1	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	74.2
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C149996.D	1	03/02/19 13:59	PS	n/a	n/a	V3C6758
Run #2							

Run #	Initial Weight
Run #1	6.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	29.3	11	5.3	ug/kg	
71-43-2	Benzene	ND	0.53	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.3	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.47	ug/kg	
75-25-2	Bromoform	ND	5.3	0.43	ug/kg	
74-83-9	Bromomethane	ND	5.3	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.73	ug/kg	
67-66-3	Chloroform	ND	2.1	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.3	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.71	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.44	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-66(3)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-1	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	74.2
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.75	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.3	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.3	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.3	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.62	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.49	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.37	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.82	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.73	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	0.59	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.50	ug/kg	
	m,p-Xylene	ND	1.1	0.80	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.62	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.62	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	106%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	99%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-66(8)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-2	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	78.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C149997.D	1	03/02/19 14:23	PS	n/a	n/a	V3C6758
Run #2							

Run #	Initial Weight
Run #1	6.1 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	22.8	10	5.2	ug/kg	
71-43-2	Benzene	ND	0.52	0.39	ug/kg	
108-86-1	Bromobenzene	ND	5.2	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	5.2	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.46	ug/kg	
75-25-2	Bromoform	ND	5.2	0.42	ug/kg	
74-83-9	Bromomethane	ND	5.2	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.42	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.38	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.57	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.37	ug/kg	
75-00-3	Chloroethane	ND	5.2	0.72	ug/kg	
67-66-3	Chloroform	ND	2.1	0.39	ug/kg	
74-87-3	Chloromethane	ND	5.2	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.87	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.35	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.37	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.36	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.2	0.66	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.40	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.68	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.69	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.42	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.38	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-66(8)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-2	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	78.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.57	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.57	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.2	0.52	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.73	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.33	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.2	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.2	0.35	ug/kg	
75-09-2	Methylene chloride	ND	5.2	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.2	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.32	ug/kg	
100-42-5	Styrene	ND	2.1	0.60	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.59	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.48	ug/kg	
108-88-3	Toluene	ND	1.0	0.39	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.44	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.79	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.2	0.71	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.2	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.66	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.49	ug/kg	
	m,p-Xylene	ND	1.0	0.78	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-127%
17060-07-0	1,2-Dichloroethane-D4	102%		75-130%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	109%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-66(12)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-3	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	82.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C149998.D	1	03/02/19 14:46	PS	n/a	n/a	V3C6758
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	16.4	11	5.3	ug/kg	
71-43-2	Benzene	ND	0.53	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.3	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.47	ug/kg	
75-25-2	Bromoform	ND	5.3	0.42	ug/kg	
74-83-9	Bromomethane	ND	5.3	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	3.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.38	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.58	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.37	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.72	ug/kg	
67-66-3	Chloroform	ND	2.1	0.39	ug/kg	
74-87-3	Chloromethane	ND	5.3	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.88	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.36	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.40	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.69	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-66(12)
Lab Sample ID: JC83492-3
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/25/19
Date Received: 02/27/19
Percent Solids: 82.0

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.57	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.58	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	0.53	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.73	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.3	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.3	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.3	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.60	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.60	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.49	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.80	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.72	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.67	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.49	ug/kg	
	m,p-Xylene	ND	1.1	0.78	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		75-127%
17060-07-0	1,2-Dichloroethane-D4	103%		75-130%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	99%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-66(16)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-4	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	78.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C149999.D	1	03/02/19 15:09	PS	n/a	n/a	V3C6758
Run #2							

Run #	Initial Weight
Run #1	6.8 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	19.2	9.4	4.7	ug/kg	
71-43-2	Benzene	ND	0.47	0.35	ug/kg	
108-86-1	Bromobenzene	ND	4.7	0.37	ug/kg	
74-97-5	Bromochloromethane	ND	4.7	0.40	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.42	ug/kg	
75-25-2	Bromoform	ND	4.7	0.38	ug/kg	
74-83-9	Bromomethane	ND	4.7	0.94	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.4	3.5	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.38	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.34	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.33	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.52	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.33	ug/kg	
75-00-3	Chloroethane	ND	4.7	0.65	ug/kg	
67-66-3	Chloroform	ND	1.9	0.35	ug/kg	
74-87-3	Chloromethane	ND	4.7	1.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.53	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.79	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.32	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.94	0.31	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.94	0.29	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.94	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.94	0.32	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.7	0.60	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.94	0.36	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.94	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.94	0.62	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.94	0.90	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.94	0.63	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.38	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.35	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-66(16)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-4	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	78.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.9	0.40	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.51	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.33	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	0.94	0.52	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.7	0.47	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.66	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.30	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.94	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.7	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.7	0.32	ug/kg	
75-09-2	Methylene chloride	ND	4.7	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.7	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.29	ug/kg	
100-42-5	Styrene	ND	1.9	0.54	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.54	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.37	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.43	ug/kg	
108-88-3	Toluene	ND	0.94	0.35	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.7	0.94	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.7	0.94	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.40	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.32	ug/kg	
79-01-6	Trichloroethene	ND	0.94	0.72	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.7	0.64	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.7	0.52	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.60	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.34	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.44	ug/kg	
	m,p-Xylene	ND	0.94	0.70	ug/kg	
95-47-6	o-Xylene	ND	0.94	0.55	ug/kg	
1330-20-7	Xylene (total)	ND	0.94	0.55	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		75-127%
17060-07-0	1,2-Dichloroethane-D4	102%		75-130%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	107%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-67(0)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-7	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	85.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150000.D	1	03/02/19 15:33	PS	n/a	n/a	V3C6758
Run #2							

Run #	Initial Weight
Run #1	6.6 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	21.6	8.9	4.4	ug/kg	
71-43-2	Benzene	ND	0.44	0.33	ug/kg	
108-86-1	Bromobenzene	ND	4.4	0.35	ug/kg	
74-97-5	Bromochloromethane	ND	4.4	0.38	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.39	ug/kg	
75-25-2	Bromoform	ND	4.4	0.36	ug/kg	
74-83-9	Bromomethane	ND	4.4	0.88	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.9	3.3	ug/kg	
104-51-8	n-Butylbenzene	ND	1.8	0.36	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.8	0.32	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.8	0.31	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.49	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.31	ug/kg	
75-00-3	Chloroethane	ND	4.4	0.61	ug/kg	
67-66-3	Chloroform	ND	1.8	0.33	ug/kg	
74-87-3	Chloromethane	ND	4.4	1.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.8	0.34	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.8	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.74	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.30	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.89	0.29	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.89	0.27	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.89	0.32	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.89	0.31	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.4	0.56	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.89	0.34	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.89	0.42	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.89	0.58	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.89	0.85	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.89	0.59	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.36	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.8	0.33	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-67(0)
Lab Sample ID: JC83492-7
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/25/19
Date Received: 02/27/19
Percent Solids: 85.4

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.8	0.38	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.8	0.48	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.31	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.29	ug/kg	
100-41-4	Ethylbenzene	ND	0.89	0.49	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.4	0.45	ug/kg	
98-82-8	Isopropylbenzene	ND	1.8	0.62	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.8	0.28	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.89	0.31	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.4	1.4	ug/kg	
74-95-3	Methylene bromide	ND	4.4	0.30	ug/kg	
75-09-2	Methylene chloride	ND	4.4	2.2	ug/kg	
91-20-3	Naphthalene	ND	4.4	1.8	ug/kg	
103-65-1	n-Propylbenzene	ND	1.8	0.28	ug/kg	
100-42-5	Styrene	ND	1.8	0.51	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.8	0.51	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.35	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.41	ug/kg	
108-88-3	Toluene	ND	0.89	0.33	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.4	0.89	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.4	0.89	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.38	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.30	ug/kg	
79-01-6	Trichloroethene	ND	0.89	0.68	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.4	0.60	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.4	0.49	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.56	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.32	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.42	ug/kg	
	m,p-Xylene	ND	0.89	0.66	ug/kg	
95-47-6	o-Xylene	ND	0.89	0.52	ug/kg	
1330-20-7	Xylene (total)	ND	0.89	0.52	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	103%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-67(4)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-8	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	76.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150001.D	1	03/02/19 15:56	PS	n/a	n/a	V3C6758
Run #2							

Run #	Initial Weight
Run #1	6.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	6.2	10	5.2	ug/kg	J
71-43-2	Benzene	ND	0.52	0.39	ug/kg	
108-86-1	Bromobenzene	ND	5.2	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	5.2	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.46	ug/kg	
75-25-2	Bromoform	ND	5.2	0.42	ug/kg	
74-83-9	Bromomethane	ND	5.2	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.38	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.57	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.37	ug/kg	
75-00-3	Chloroethane	ND	5.2	0.72	ug/kg	
67-66-3	Chloroform	ND	2.1	0.39	ug/kg	
74-87-3	Chloromethane	ND	5.2	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.87	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.35	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.37	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.36	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.2	0.66	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.40	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.69	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.38	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-67(4)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-8	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	76.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.57	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.58	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.2	0.53	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.73	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.2	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.2	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.2	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.2	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.60	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.60	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.48	ug/kg	
108-88-3	Toluene	ND	1.0	0.39	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.44	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.80	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.2	0.71	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.2	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.66	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.49	ug/kg	
	m,p-Xylene	ND	1.0	0.78	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-127%
17060-07-0	1,2-Dichloroethane-D4	104%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-67(8)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-3	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	71.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150002.D	1	03/02/19 16:20	PS	n/a	n/a	V3C6758
Run #2							

Run #	Initial Weight
Run #1	6.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	5.8	ug/kg	
71-43-2	Benzene	ND	0.58	0.44	ug/kg	
108-86-1	Bromobenzene	ND	5.8	0.46	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.52	ug/kg	
75-25-2	Bromoform	ND	5.8	0.47	ug/kg	
74-83-9	Bromomethane	ND	5.8	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	4.4	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	0.47	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	0.43	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	0.41	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.64	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.41	ug/kg	
75-00-3	Chloroethane	ND	5.8	0.80	ug/kg	
67-66-3	Chloroform	ND	2.3	0.43	ug/kg	
74-87-3	Chloromethane	ND	5.8	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.3	0.44	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.3	0.66	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.97	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.39	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.36	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.40	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	0.74	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.45	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.55	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.76	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.78	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.47	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.3	0.43	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-67(8)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-9	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	71.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.3	0.50	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.3	0.63	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.41	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.38	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.64	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.8	0.59	ug/kg	
98-82-8	Isopropylbenzene	ND	2.3	0.81	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.3	0.37	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.41	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.8	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.8	0.40	ug/kg	
75-09-2	Methylene chloride	ND	5.8	2.9	ug/kg	
91-20-3	Naphthalene	ND	5.8	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.3	0.36	ug/kg	
100-42-5	Styrene	ND	2.3	0.67	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.3	0.66	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.45	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.54	ug/kg	
108-88-3	Toluene	ND	1.2	0.44	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	1.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.50	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.40	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.89	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	0.79	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.8	0.65	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.74	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.42	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.55	ug/kg	
	m,p-Xylene	ND	1.2	0.87	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.68	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.68	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-127%
17060-07-0	1,2-Dichloroethane-D4	100%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	99%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-67(12)	
Lab Sample ID:	JC83492-10	Date Sampled: 02/25/19
Matrix:	SO - Soil	Date Received: 02/27/19
Method:	SW846 8260C	Percent Solids: 77.4
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150006.D	1	03/02/19 17:53	PS	n/a	n/a	V3C6758
Run #2							

	Initial Weight
Run #1	6.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	5.9	10	5.0	ug/kg	J
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.0	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-67(12)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-10	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	77.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.35	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	104%		75-130%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	103%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-67(16)	Date Sampled:	02/25/19
Lab Sample ID:	JC83492-11	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	77.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150007.D	1	03/02/19 18:16	PS	n/a	n/a	V3C6758
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	42.1	13	6.5	ug/kg	
71-43-2	Benzene	ND	0.65	0.49	ug/kg	
108-86-1	Bromobenzene	ND	6.5	0.51	ug/kg	
74-97-5	Bromochloromethane	ND	6.5	0.56	ug/kg	
75-27-4	Bromodichloromethane	ND	2.6	0.57	ug/kg	
75-25-2	Bromoform	ND	6.5	0.52	ug/kg	
74-83-9	Bromomethane	ND	6.5	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	4.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.6	0.53	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.6	0.47	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.6	0.45	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.6	0.71	ug/kg	
108-90-7	Chlorobenzene	ND	2.6	0.46	ug/kg	
75-00-3	Chloroethane	ND	6.5	0.89	ug/kg	
67-66-3	Chloroform	ND	2.6	0.48	ug/kg	
74-87-3	Chloromethane	ND	6.5	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.6	0.49	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.6	0.73	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	2.6	0.44	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.39	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.5	0.82	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.61	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.85	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.86	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.6	0.53	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.6	0.47	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-67(16)
Lab Sample ID: JC83492-11
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/25/19
Date Received: 02/27/19
Percent Solids: 77.4

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.6	0.55	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.6	0.70	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.6	0.45	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.6	0.42	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.71	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.5	0.65	ug/kg	
98-82-8	Isopropylbenzene	ND	2.6	0.90	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.6	0.41	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.5	2.0	ug/kg	
74-95-3	Methylene bromide	ND	6.5	0.44	ug/kg	
75-09-2	Methylene chloride	ND	6.5	3.2	ug/kg	
91-20-3	Naphthalene	ND	6.5	2.6	ug/kg	
103-65-1	n-Propylbenzene	ND	2.6	0.40	ug/kg	
100-42-5	Styrene	ND	2.6	0.74	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.6	0.74	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.6	0.50	ug/kg	
127-18-4	Tetrachloroethene	ND	2.6	0.60	ug/kg	
108-88-3	Toluene	ND	1.3	0.49	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.5	1.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.5	1.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.6	0.55	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.6	0.44	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.98	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.5	0.88	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.5	0.72	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.82	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.46	ug/kg	
75-01-4	Vinyl chloride	ND	2.6	0.61	ug/kg	
	m,p-Xylene	ND	1.3	0.96	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.75	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.75	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	102%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(0)						
Lab Sample ID:	JC83492-14					Date Sampled:	02/26/19
Matrix:	SO - Soil					Date Received:	02/27/19
Method:	SW846 8260C					Percent Solids:	93.9
Project:	GE, 13th Street, Tell City, IN						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150008.D	1	03/02/19 18:39	PS	n/a	n/a	V3C6758
Run #2							

	Initial Weight
Run #1	5.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	18.7	9.0	4.5	ug/kg	
71-43-2	Benzene	ND	0.45	0.34	ug/kg	
108-86-1	Bromobenzene	ND	4.5	0.36	ug/kg	
74-97-5	Bromochloromethane	ND	4.5	0.39	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.40	ug/kg	
75-25-2	Bromoform	ND	4.5	0.36	ug/kg	
74-83-9	Bromomethane	ND	4.5	0.90	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.0	3.4	ug/kg	
104-51-8	n-Butylbenzene	ND	1.8	0.37	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.8	0.33	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.8	0.32	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.50	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.32	ug/kg	
75-00-3	Chloroethane	ND	4.5	0.62	ug/kg	
67-66-3	Chloroform	ND	1.8	0.34	ug/kg	
74-87-3	Chloromethane	ND	4.5	1.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.8	0.34	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.8	0.51	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.75	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.31	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.90	0.29	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.90	0.28	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.90	0.32	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.90	0.31	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.5	0.57	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.90	0.35	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.90	0.42	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.90	0.59	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.90	0.86	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.90	0.60	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.37	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.8	0.33	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(0)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-14	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	93.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.8	0.39	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.8	0.49	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.32	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.30	ug/kg	
100-41-4	Ethylbenzene	ND	0.90	0.50	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.5	0.45	ug/kg	
98-82-8	Isopropylbenzene	ND	1.8	0.63	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.8	0.29	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.90	0.32	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.5	1.4	ug/kg	
74-95-3	Methylene bromide	ND	4.5	0.31	ug/kg	
75-09-2	Methylene chloride	ND	4.5	2.3	ug/kg	
91-20-3	Naphthalene	ND	4.5	1.8	ug/kg	
103-65-1	n-Propylbenzene	ND	1.8	0.28	ug/kg	
100-42-5	Styrene	ND	1.8	0.52	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.8	0.51	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.35	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.42	ug/kg	
108-88-3	Toluene	ND	0.90	0.34	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.5	0.90	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	0.90	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.38	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.31	ug/kg	
79-01-6	Trichloroethene	ND	0.90	0.69	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.5	0.61	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.5	0.50	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.57	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.32	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.42	ug/kg	
	m,p-Xylene	ND	0.90	0.67	ug/kg	
95-47-6	o-Xylene	ND	0.90	0.53	ug/kg	
1330-20-7	Xylene (total)	ND	0.90	0.53	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		75-127%
17060-07-0	1,2-Dichloroethane-D4	99%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(4)						
Lab Sample ID:	JC83492-15					Date Sampled:	02/26/19
Matrix:	SO - Soil					Date Received:	02/27/19
Method:	SW846 8260C					Percent Solids:	82.7
Project:	GE, 13th Street, Tell City, IN						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150009.D	1	03/02/19 19:02	PS	n/a	n/a	V3C6758
Run #2							

	Initial Weight
Run #1	5.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	25.2	10	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	0.39	ug/kg	
108-86-1	Bromobenzene	ND	5.1	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.44	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.1	0.41	ug/kg	
74-83-9	Bromomethane	ND	5.1	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.42	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.70	ug/kg	
67-66-3	Chloroform	ND	2.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	5.1	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.39	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.58	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.86	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.35	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.37	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	0.65	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethene	1.5	1.0	0.98	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.42	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.38	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-65(4)
Lab Sample ID: JC83492-15
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/26/19
Date Received: 02/27/19
Percent Solids: 82.7

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.44	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.56	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.57	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	0.52	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.71	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.33	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.1	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.1	0.35	ug/kg	
75-09-2	Methylene chloride	ND	5.1	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.32	ug/kg	
100-42-5	Styrene	ND	2.0	0.59	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.39	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.44	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.35	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.78	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.70	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	0.57	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.65	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.76	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.60	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.60	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-127%
17060-07-0	1,2-Dichloroethane-D4	101%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(8)	
Lab Sample ID:	JC83492-16	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/27/19
Method:	SW846 8260C	Percent Solids: 80.3
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150010.D	1	03/02/19 19:26	PS	n/a	n/a	V3C6758
Run #2							

	Initial Weight
Run #1	5.6 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	13.6	11	5.6	ug/kg	
71-43-2	Benzene	ND	0.56	0.42	ug/kg	
108-86-1	Bromobenzene	ND	5.6	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.48	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.49	ug/kg	
75-25-2	Bromoform	ND	5.6	0.45	ug/kg	
74-83-9	Bromomethane	ND	5.6	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.45	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.41	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.39	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.61	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.39	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.76	ug/kg	
67-66-3	Chloroform	ND	2.2	0.41	ug/kg	
74-87-3	Chloromethane	ND	5.6	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.42	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.62	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.93	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.38	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.40	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.38	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	0.71	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.43	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.52	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.73	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.74	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.45	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.41	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(8)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-16	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	80.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.48	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.39	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.36	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.61	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	0.56	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.77	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.36	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.39	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.6	0.38	ug/kg	
75-09-2	Methylene chloride	ND	5.6	2.8	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.35	ug/kg	
100-42-5	Styrene	ND	2.2	0.64	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.63	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.43	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.51	ug/kg	
108-88-3	Toluene	ND	1.1	0.42	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.38	ug/kg	
79-01-6	Trichloroethene	4.8	1.1	0.85	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	0.76	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	0.62	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.71	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.40	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.83	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.65	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.65	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-127%
17060-07-0	1,2-Dichloroethane-D4	101%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(12)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-17	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	77.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150011.D	1	03/02/19 19:49	PS	n/a	n/a	V3C6758
Run #2							

Run #	Initial Weight
Run #1	6.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	6.6	10	5.2	ug/kg	J
71-43-2	Benzene	ND	0.52	0.39	ug/kg	
108-86-1	Bromobenzene	ND	5.2	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.2	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.46	ug/kg	
75-25-2	Bromoform	ND	5.2	0.42	ug/kg	
74-83-9	Bromomethane	ND	5.2	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.38	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.58	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.37	ug/kg	
75-00-3	Chloroethane	ND	5.2	0.72	ug/kg	
67-66-3	Chloroform	ND	2.1	0.39	ug/kg	
74-87-3	Chloromethane	ND	5.2	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.87	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.35	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.36	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.2	0.66	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.40	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.69	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.38	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-65(12)
Lab Sample ID: JC83492-17
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/26/19
Date Received: 02/27/19
Percent Solids: 77.1

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.57	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.58	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.2	0.53	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.73	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.2	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.2	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.2	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.2	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.60	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.60	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.48	ug/kg	
108-88-3	Toluene	ND	1.0	0.39	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	8.6	1.0	0.80	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.2	0.71	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.2	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.66	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.49	ug/kg	
	m,p-Xylene	ND	1.0	0.78	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		75-127%
17060-07-0	1,2-Dichloroethane-D4	100%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(16)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-18	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	73.2
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150012.D	1	03/02/19 20:12	PS	n/a	n/a	V3C6758
Run #2	E257656.D	1	03/05/19 16:47	TDN	n/a	n/a	VE11043

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.8 g		
Run #2	5.9 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	28.8	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	1.1	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(16)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-18	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	73.2
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	1.7	2.0	0.46	ug/kg	J
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	2490 ^a	130	100	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	96%	75-127%
17060-07-0	1,2-Dichloroethane-D4	99%	92%	75-130%
2037-26-5	Toluene-D8	98%	95%	80-120%
460-00-4	4-Bromofluorobenzene	97%	104%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(16)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-18	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	73.2
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(20)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-19R	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	76.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1C163032.D	1	03/14/19 16:11	PS	n/a	n/a	V1C7164
Run #2 ^a	D263071.D	1	03/18/19 16:20	TDN	n/a	n/a	VD10608

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.5 g		
Run #2	6.1 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	24.2	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	8.9	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(20)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-19R	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	76.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	16300 ^b	120	93	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	95%	75-127%
17060-07-0	1,2-Dichloroethane-D4	103%	95%	75-130%
2037-26-5	Toluene-D8	100%	98%	80-120%
460-00-4	4-Bromofluorobenzene	98%	100%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(20)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-19R	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	76.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample analyzed outside the holding time.
(b) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(24)	
Lab Sample ID:	JC83492-20R	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/27/19
Method:	SW846 8260C	Percent Solids: 81.1
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1C163033.D	1	03/14/19 16:38	PS	n/a	n/a	V1C7164
Run #2							

	Initial Weight
Run #1	5.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	13.9	10	5.2	ug/kg	
71-43-2	Benzene	ND	0.52	0.39	ug/kg	
108-86-1	Bromobenzene	ND	5.2	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	5.2	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.46	ug/kg	
75-25-2	Bromoform	ND	5.2	0.42	ug/kg	
74-83-9	Bromomethane	ND	5.2	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.38	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.57	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.37	ug/kg	
75-00-3	Chloroethane	ND	5.2	0.72	ug/kg	
67-66-3	Chloroform	ND	2.1	0.39	ug/kg	
74-87-3	Chloromethane	ND	5.2	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.87	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.35	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.36	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.2	0.66	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.40	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.69	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.38	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(24)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-20R	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	81.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.57	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.58	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.2	0.53	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.73	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.2	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.2	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.2	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.2	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.60	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.60	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.48	ug/kg	
108-88-3	Toluene	ND	1.0	0.39	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.80	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.2	0.71	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.2	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.66	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.49	ug/kg	
	m,p-Xylene	ND	1.0	0.78	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		75-127%
17060-07-0	1,2-Dichloroethane-D4	104%		75-130%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	93%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-65(24)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-20R	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	81.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Sample analyzed outside the holding time.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-61(28)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-21	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	80.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150013.D	1	03/02/19 20:35	PS	n/a	n/a	V3C6758
Run #2	E257657.D	1	03/05/19 18:09	TDN	n/a	n/a	VE11043
Run #3	D262852.D	1	03/07/19 13:05	EH	n/a	n/a	VD10601

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.6 g		
Run #2	6.0 g	10.0 ml	100 ul
Run #3	6.0 g	10.0 ml	10.0 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	21.8	9.4	4.7	ug/kg	
71-43-2	Benzene	2.3	0.47	0.36	ug/kg	
108-86-1	Bromobenzene	ND	4.7	0.37	ug/kg	
74-97-5	Bromochloromethane	ND	4.7	0.41	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.42	ug/kg	
75-25-2	Bromoform	ND	4.7	0.38	ug/kg	
74-83-9	Bromomethane	ND	4.7	0.94	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.4	3.5	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.38	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.34	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.33	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.52	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.33	ug/kg	
75-00-3	Chloroethane	ND	4.7	0.65	ug/kg	
67-66-3	Chloroform	ND	1.9	0.35	ug/kg	
74-87-3	Chloromethane	ND	4.7	1.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.36	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.53	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.79	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.32	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.94	0.31	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.94	0.29	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.94	0.34	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.94	0.32	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.7	0.60	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.94	0.36	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.94	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	12.3	0.94	0.62	ug/kg	
156-59-2	cis-1,2-Dichloroethene	38900 ^a	1200	1100	ug/kg	
156-60-5	trans-1,2-Dichloroethene	49.1	0.94	0.63	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-61(28)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-21	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	80.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.9	0.38	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.35	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.9	0.40	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.51	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.33	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.31	ug/kg	
100-41-4	Ethylbenzene	ND	0.94	0.52	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.7	0.47	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.66	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.30	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.94	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.7	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.7	0.32	ug/kg	
75-09-2	Methylene chloride	ND	4.7	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.7	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.29	ug/kg	
100-42-5	Styrene	ND	1.9	0.54	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.54	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.37	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.44	ug/kg	
108-88-3	Toluene	0.47	0.94	0.35	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	4.7	0.94	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.7	0.94	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.40	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.32	ug/kg	
79-01-6	Trichloroethene	1040 ^b	120	88	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.7	0.64	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.7	0.52	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.60	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.34	ug/kg	
75-01-4	Vinyl chloride	2860 ^b	230	54	ug/kg	
	m,p-Xylene	ND	0.94	0.70	ug/kg	
95-47-6	o-Xylene	ND	0.94	0.55	ug/kg	
1330-20-7	Xylene (total)	ND	0.94	0.55	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	102%	97%	97%	75-127%
17060-07-0	1,2-Dichloroethane-D4	102%	92%	112%	75-130%
2037-26-5	Toluene-D8	100%	95%	99%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-61(28)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-21	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	80.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
460-00-4	4-Bromofluorobenzene	108%	105%	103%	79-127%

- (a) Result is from Run# 3
- (b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-60(12)						
Lab Sample ID:	JC83492-22					Date Sampled:	02/26/19
Matrix:	SO - Soil					Date Received:	02/27/19
Method:	SW846 8260C					Percent Solids:	76.5
Project:	GE, 13th Street, Tell City, IN						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150041.D	1	03/04/19 16:26	PS	n/a	n/a	V3C6759
Run #2							

	Initial Weight
Run #1	5.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	30.4	11	5.7	ug/kg	
71-43-2	Benzene	ND	0.57	0.43	ug/kg	
108-86-1	Bromobenzene	ND	5.7	0.46	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.51	ug/kg	
75-25-2	Bromoform	ND	5.7	0.46	ug/kg	
74-83-9	Bromomethane	ND	5.7	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.3	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	0.47	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	0.42	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	0.40	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.63	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.41	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.79	ug/kg	
67-66-3	Chloroform	ND	2.3	0.43	ug/kg	
74-87-3	Chloromethane	ND	5.7	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.3	0.44	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.3	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.96	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.39	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.54	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.75	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.76	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.47	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.3	0.42	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-60(12)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-22	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.3	0.49	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.3	0.62	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.40	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.37	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.63	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	0.58	ug/kg	
98-82-8	Isopropylbenzene	ND	2.3	0.80	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.3	0.37	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK ^a)	ND	5.7	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.7	0.39	ug/kg	
75-09-2	Methylene chloride	ND	5.7	2.9	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.3	0.36	ug/kg	
100-42-5	Styrene	ND	2.3	0.66	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.3	0.65	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.45	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.53	ug/kg	
108-88-3	Toluene	ND	1.1	0.43	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.49	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.39	ug/kg	
79-01-6	Trichloroethene	6.3	1.1	0.87	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.78	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	0.64	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.73	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.41	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.54	ug/kg	
	m,p-Xylene	ND	1.1	0.86	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.67	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.67	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		75-127%
17060-07-0	1,2-Dichloroethane-D4	100%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-60(12)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-22	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-60(16)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-23	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	85.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C162831.D	1	03/04/19 17:12	PS	n/a	n/a	V1C7155
Run #2							

Run #	Initial Weight
Run #1	6.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	18.6	9.0	4.5	ug/kg	
71-43-2	Benzene	ND	0.45	0.34	ug/kg	
108-86-1	Bromobenzene	ND	4.5	0.36	ug/kg	
74-97-5	Bromochloromethane	ND	4.5	0.39	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.40	ug/kg	
75-25-2	Bromoform	ND	4.5	0.36	ug/kg	
74-83-9	Bromomethane	ND	4.5	0.90	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.0	3.4	ug/kg	
104-51-8	n-Butylbenzene	ND	1.8	0.37	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.8	0.33	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.8	0.32	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.50	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.32	ug/kg	
75-00-3	Chloroethane	ND	4.5	0.62	ug/kg	
67-66-3	Chloroform	ND	1.8	0.34	ug/kg	
74-87-3	Chloromethane	ND	4.5	1.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.8	0.34	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.8	0.51	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.76	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.31	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.90	0.29	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.90	0.28	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.90	0.32	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.90	0.31	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.5	0.57	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.90	0.35	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.90	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.90	0.59	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.90	0.87	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.90	0.60	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.37	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.8	0.33	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-60(16)
Lab Sample ID: JC83492-23
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/26/19
Date Received: 02/27/19
Percent Solids: 85.0

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.8	0.39	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.8	0.49	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.32	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.30	ug/kg	
100-41-4	Ethylbenzene	ND	0.90	0.50	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.5	0.46	ug/kg	
98-82-8	Isopropylbenzene	ND	1.8	0.63	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.8	0.29	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.90	0.32	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.5	1.4	ug/kg	
74-95-3	Methylene bromide	ND	4.5	0.31	ug/kg	
75-09-2	Methylene chloride	ND	4.5	2.3	ug/kg	
91-20-3	Naphthalene	ND	4.5	1.8	ug/kg	
103-65-1	n-Propylbenzene	ND	1.8	0.28	ug/kg	
100-42-5	Styrene	ND	1.8	0.52	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.8	0.52	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.35	ug/kg	
127-18-4	Tetrachloroethene	0.63	1.8	0.42	ug/kg	J
108-88-3	Toluene	ND	0.90	0.34	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.5	0.90	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	0.90	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.39	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.31	ug/kg	
79-01-6	Trichloroethene	11.1	0.90	0.69	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.5	0.62	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.5	0.50	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.57	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.32	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.42	ug/kg	
	m,p-Xylene	ND	0.90	0.68	ug/kg	
95-47-6	o-Xylene	ND	0.90	0.53	ug/kg	
1330-20-7	Xylene (total)	ND	0.90	0.53	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		75-127%
17060-07-0	1,2-Dichloroethane-D4	96%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	93%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-60(20)	Date Sampled:	02/26/19
Lab Sample ID:	JC83492-24	Date Received:	02/27/19
Matrix:	SO - Soil	Percent Solids:	72.1
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150016.D	1	03/02/19 21:45	PS	n/a	n/a	V3C6758
Run #2							

Run #	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	52.4	15	7.7	ug/kg	
71-43-2	Benzene	ND	0.77	0.58	ug/kg	
108-86-1	Bromobenzene	ND	7.7	0.61	ug/kg	
74-97-5	Bromochloromethane	ND	7.7	0.66	ug/kg	
75-27-4	Bromodichloromethane	ND	3.1	0.68	ug/kg	
75-25-2	Bromoform	ND	7.7	0.62	ug/kg	
74-83-9	Bromomethane	ND	7.7	1.5	ug/kg	
78-93-3	2-Butanone (MEK)	ND	15	5.8	ug/kg	
104-51-8	n-Butylbenzene	ND	3.1	0.63	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.1	0.56	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.1	0.54	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.1	0.85	ug/kg	
108-90-7	Chlorobenzene	ND	3.1	0.55	ug/kg	
75-00-3	Chloroethane	ND	7.7	1.1	ug/kg	
67-66-3	Chloroform	ND	3.1	0.57	ug/kg	
74-87-3	Chloromethane	ND	7.7	3.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	3.1	0.59	ug/kg	
106-43-4	p-Chlorotoluene	ND	3.1	0.87	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.3	ug/kg	
124-48-1	Dibromochloromethane	ND	3.1	0.52	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	0.50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	0.47	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	0.55	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	0.53	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.7	0.98	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.59	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.72	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	88.4	1.5	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.1	0.63	ug/kg	
142-28-9	1,3-Dichloropropane	ND	3.1	0.57	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-60(20)
Lab Sample ID: JC83492-24
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/26/19
Date Received: 02/27/19
Percent Solids: 72.1

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	3.1	0.66	ug/kg	
563-58-6	1,1-Dichloropropene	ND	3.1	0.84	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.1	0.54	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.1	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.85	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.7	0.78	ug/kg	
98-82-8	Isopropylbenzene	ND	3.1	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.1	0.49	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.54	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.7	2.4	ug/kg	
74-95-3	Methylene bromide	ND	7.7	0.52	ug/kg	
75-09-2	Methylene chloride	ND	7.7	3.9	ug/kg	
91-20-3	Naphthalene	ND	7.7	3.1	ug/kg	
103-65-1	n-Propylbenzene	ND	3.1	0.48	ug/kg	
100-42-5	Styrene	ND	3.1	0.89	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	3.1	0.88	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.1	0.60	ug/kg	
127-18-4	Tetrachloroethene	0.99	3.1	0.71	ug/kg	J
108-88-3	Toluene	ND	1.5	0.58	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.7	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.7	1.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.1	0.66	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.1	0.53	ug/kg	
79-01-6	Trichloroethene	1.3	1.5	1.2	ug/kg	J
75-69-4	Trichlorofluoromethane	ND	7.7	1.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.7	0.86	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.1	0.98	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.1	0.55	ug/kg	
75-01-4	Vinyl chloride	1.0	3.1	0.72	ug/kg	J
	m,p-Xylene	ND	1.5	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.5	0.90	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	0.90	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		75-127%
17060-07-0	1,2-Dichloroethane-D4	103%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1	
Lab Sample ID:	JC83492-25	Date Sampled: 02/26/19
Matrix:	SO - Soil	Date Received: 02/27/19
Method:	SW846 8260C	Percent Solids: 78.6
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150017.D	1	03/02/19 22:08	PS	n/a	n/a	V3C6758
Run #2							

	Initial Weight
Run #1	5.1 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	32.2	12	6.2	ug/kg	
71-43-2	Benzene	ND	0.62	0.47	ug/kg	
108-86-1	Bromobenzene	ND	6.2	0.50	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.54	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.55	ug/kg	
75-25-2	Bromoform	ND	6.2	0.50	ug/kg	
74-83-9	Bromomethane	ND	6.2	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	4.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.5	0.51	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.5	0.46	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.5	0.44	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	0.69	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.44	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.86	ug/kg	
67-66-3	Chloroform	ND	2.5	0.46	ug/kg	
74-87-3	Chloromethane	ND	6.2	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.5	0.47	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.5	0.70	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.42	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.38	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.43	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	0.79	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.59	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.82	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.83	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.51	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.5	0.46	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP-1
Lab Sample ID: JC83492-25
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/26/19

Date Received: 02/27/19

Percent Solids: 78.6

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.5	0.54	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.5	0.68	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.44	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.41	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.69	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	0.63	ug/kg	
98-82-8	Isopropylbenzene	ND	2.5	0.87	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.5	0.40	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	1.9	ug/kg	
74-95-3	Methylene bromide	ND	6.2	0.42	ug/kg	
75-09-2	Methylene chloride	ND	6.2	3.1	ug/kg	
91-20-3	Naphthalene	ND	6.2	2.5	ug/kg	
103-65-1	n-Propylbenzene	ND	2.5	0.39	ug/kg	
100-42-5	Styrene	ND	2.5	0.72	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.71	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.49	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	0.58	ug/kg	
108-88-3	Toluene	ND	1.2	0.47	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	1.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.53	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.43	ug/kg	
79-01-6	Trichloroethene	7.8	1.2	0.95	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	0.85	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	0.69	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.79	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.45	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.58	ug/kg	
	m,p-Xylene	ND	1.2	0.93	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.73	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.73	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		75-127%
17060-07-0	1,2-Dichloroethane-D4	105%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



50

CHAIN OF CUSTODY

PAGE 1 OF 3

2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

EX Tracking # HA3600613053 Bottle Order Control #
Accutest Job # JC83492

Client / Reporting Information		Project Information		Requested Analysis (see TEST CODE sheet)												Matrix Codes	
Company Name Arcadis		Project Name GE Tell City														<div>DW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank</div>	
Street Address 150 W. Market, Suite 728		Street															
City State Zip Indianapolis, IN 46204		City State															
Project Contact Daniel.Petzold@arcadis.com		Project # ALL00911.0017															
Phone # 317-709-0081		Client Purchase Order #															
Sample Name(s) HA-tell 3/7/14 4630		Project Manager Jon Akin															
Turnaround Time (Business days)		Approved By (Accutest PM): / Date:		Data Deliverable Information												Comments / Special Instructions	
<input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> other				<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> FULLT1 (Level 1+4) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other												INITIAL ASSESSMENT <u>AL 3A</u> LAB VERIFICATION	
Emergency & Rush TIA data available VIA Lablink																	
Sample Custody must be documented below each time samples change possession, including courier delivery.																	
Relinquished By Sampler: 1		Date Time:		Received By: 1		Date Time:		Relinquished By: 2		Date Time:		Received By: 2					
Relinquished By Sampler: 3		Date Time:		Received By: 3		Date Time:		Relinquished By: 4		Date Time:		Received By: 4					
Relinquished By: 5		Date Time:		Received By: 5		Date Time:		Custody Seal #		<input type="checkbox"/> Intact <input type="checkbox"/> Not Intact		Preserved where applicable <input type="checkbox"/>		On Ice <input type="checkbox"/> Cooler Temp. 2.8			

JC83492: Chain of Custody

Page 1 of 5



CHAIN OF CUSTODY

PAGE 2 OF 3

2235 Route 130, Dayton, NJ 08810
TEL: 732-329-8200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #	Boiler Order Control #
Accutest Quote #	Accutest Job # JC83492
Requested Analysis (see TEST CODE sheet)	
Matrix Codes	
DW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WIP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank	
LAB USE ONLY	

Client / Reporting Information		Project Information	
Company Name: Arcadis		Project Name: GE Tell City	
Street Address: 150 W. Market, Suite 728		Street:	
City: Indianapolis, IN 46204		City: State: Billing Information (If different from Report to)	
Project Contact: Daniel.Petzold@arcadis.com		Company Name:	
Phone: 317-709-0081		Project # ALL00911.0017	
Fax #:		Street Address:	
Sample(s) Name(s): As-tell 3177524636		Client Purchase Order #:	
Phone #:		City: State: Zip:	
Project Manager: Jon Akin		Attention:	
Field ID / Point of Collection		Collection	
MEQMDI Val #		Date Time Sampled by Matrix # of bottles	
13 SAP-67(24) hold		2/25/19 1620 K SO 4	
14 SAP-65(10)		2/26/19 850 K SO 4	
15 SAP-65(14)		2/26/19 905 K SO 4	
16 SAP-65(16)		2/26/19 910 K SO 4	
17 SAP-65(12)		2/26/19 915 K SO 4	
18 SAP-65(16)		2/26/19 930 K SO 4	
19 SAP-65(20) hold		2/26/19 950 K SO 4	
20 SAP-65(24) hold		2/26/19 955 K SO 4	
21 SAP-61(28)		2/26/19 1050 K SO 4	
22 SAP-60(12)		2/26/19 1145 K SO 4	
23 SAP-60(16)		2/26/19 1150 K SO 4	
24 SAP-60(20)		2/26/19 1155 K SO 4	
Turnaround Time (Business days)		Data Deliverable Information	
Approved By (Accutest PM): / Date:		Comments / Special Instructions	
<input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> other		<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> FULLT1 (Level 3+4) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other	
Emergency & Rush T/A data available VIA Lablink		Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data	
Sample Custody must be documented below each time samples change possession, including courier delivery.			
Relinquished By Sampler:	Date Time:	Received By:	Relinquished By:
1		1 FCDX	2 FCDX
3		3	4
5		5	4
Custody Seal #		Intact <input type="checkbox"/> Not intact <input type="checkbox"/>	
Preserved where applicable <input type="checkbox"/>		On file <input type="checkbox"/> Cooler Temp. <input type="checkbox"/>	

JC83492: Chain of Custody

Page 2 of 5

2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # JC8349Z

[illegible]

JC83492: Chain of Custody

Page 3 of 5

SGS Sample Receipt Summary

Job Number: JC83492

Client: ARCADIS

Project: GE

Date / Time Received: 2/27/2019 10:35:00 AM

Delivery Method:

Airbill #s:

Cooler Temps (Raw Measured) °C: Cooler 1: (2.8);

Cooler Temps (Corrected) °C: Cooler 1: (1.8);

Cooler Security

Y or N

1. Custody Seals Present:

☒ ☐

3. COC Present:

☒ ☐

2. Custody Seals Intact:

☒ ☐

4. Smpl Dates/Time OK

☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved:

☒ ☐

2. Cooler temp verification:

IR Gun

3. Cooler media:

Ice (Bag)

4. No. Coolers:

1

Quality Control Preservation

Y or N

N/A

1. Trip Blank present / cooler:

☐ ☒ ☐

2. Trip Blank listed on COC:

☐ ☒ ☐

3. Samples preserved properly:

☒ ☐

4. VOCs headspace free:

☐ ☐ ☒

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles:

☒ ☐

2. Container labeling complete:

☒ ☐

3. Sample container label / COC agree:

☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT:

☒ ☐

2. All containers accounted for:

☒ ☐

3. Condition of sample:

Intact

Sample Integrity - Instructions

Y or N

N/A

1. Analysis requested is clear:

☒ ☐

2. Bottles received for unspecified tests

☐ ☒

3. Sufficient volume recvd for analysis:

☒ ☐

4. Compositing instructions clear:

☐ ☐ ☒

5. Filtering instructions clear:

☐ ☐ ☒

Test Strip Lot #s:

pH 1-12:

206717

pH 12+:

208717

Other: (Specify)

Comments

SM089-03

Rev. Date 12/7/17

JC83492: Chain of Custody

Page 4 of 5

Job Change Order: JC83492

Requested Date: 3/13/2019 Received Date: 2/27/2019
Account Name: Arcadis Due Date: 3/13/2019
Project Description: GE, 13th Street, Tell City, IN Deliverable: COMMB
C/O Initiated By: AK PM: KR TAT (Days): 14

Sample #: JC83492-19 , 20 Change: take off hold run for sol 104 and V8260STD and VMS+MTBE
Dept:
TAT: 14

Above Changes Per: Daniel Petzold Date/Time: 3/13/2019 5:33:29 PM

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 2

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6758-MB	3C149995.D	1	03/02/19	PS	n/a	n/a	V3C6758

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-1, JC83492-2, JC83492-3, JC83492-4, JC83492-7, JC83492-8, JC83492-9, JC83492-10, JC83492-11, JC83492-14, JC83492-15, JC83492-16, JC83492-17, JC83492-18, JC83492-21, JC83492-24, JC83492-25

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 2

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6758-MB	3C149995.D	1	03/02/19	PS	n/a	n/a	V3C6758

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-1, JC83492-2, JC83492-3, JC83492-4, JC83492-7, JC83492-8, JC83492-9, JC83492-10, JC83492-11, JC83492-14, JC83492-15, JC83492-16, JC83492-17, JC83492-18, JC83492-21, JC83492-24, JC83492-25

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	97% 75-127%
17060-07-0	1,2-Dichloroethane-D4	97% 75-130%
2037-26-5	Toluene-D8	98% 80-120%
460-00-4	4-Bromofluorobenzene	99% 79-127%

Method Blank Summary

Page 1 of 3

Job Number: JC83492**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6759-MB	3C150025.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83492-22

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83492**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6759-MB	3C150025.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83492-22

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	98% 75-127%
17060-07-0	1,2-Dichloroethane-D4	95% 75-130%
2037-26-5	Toluene-D8	98% 80-120%
460-00-4	4-Bromofluorobenzene	97% 79-127%

Method Blank Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6759-MB	3C150025.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples: Method:

JC83492-22

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 3

Job Number: JC83492**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7155-MB	1C162818.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83492-23

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83492**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7155-MB	1C162818.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83492-23

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 75-127%
17060-07-0	1,2-Dichloroethane-D4	92% 75-130%
2037-26-5	Toluene-D8	96% 80-120%
460-00-4	4-Bromofluorobenzene	92% 79-127%

Method Blank Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7155-MB	1C162818.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method:

JC83492-23

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11043-MB	E257647.D	1	03/05/19	TDN	n/a	n/a	VE11043

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-18, JC83492-21

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	50	38	ug/kg	
75-01-4	Vinyl chloride	ND	100	23	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	97% 75-127%
17060-07-0	1,2-Dichloroethane-D4	91% 75-130%
2037-26-5	Toluene-D8	95% 80-120%
460-00-4	4-Bromofluorobenzene	105% 79-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	4.14	300	ug/kg	J
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10601-MB	D262844.D	1	03/07/19	EH	n/a	n/a	VD10601

The QC reported here applies to the following samples: Method: SW846 8260C

JC83492-21

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethene	ND	50	48	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 75-127%
17060-07-0	1,2-Dichloroethane-D4	116% 75-130%
2037-26-5	Toluene-D8	100% 80-120%
460-00-4	4-Bromofluorobenzene	99% 79-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 3

Job Number: JC83492**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7164-MB	1C163023.D	1	03/14/19	PS	n/a	n/a	V1C7164

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83492-19R, JC83492-20R

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83492**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7164-MB	1C163023.D	1	03/14/19	PS	n/a	n/a	V1C7164

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83492-19R, JC83492-20R

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	90% 75-127%
17060-07-0	1,2-Dichloroethane-D4	91% 75-130%
2037-26-5	Toluene-D8	99% 80-120%
460-00-4	4-Bromofluorobenzene	92% 79-127%

Method Blank Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7164-MB	1C163023.D	1	03/14/19	PS	n/a	n/a	V1C7164

The QC reported here applies to the following samples: Method:

JC83492-19R, JC83492-20R

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10608-MB	D263058.D	1	03/18/19	TDN	n/a	n/a	VD10608

The QC reported here applies to the following samples: Method: SW846 8260C

JC83492-19R

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	50	38	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	96% 75-127%
17060-07-0	1,2-Dichloroethane-D4	98% 75-130%
2037-26-5	Toluene-D8	97% 80-120%
460-00-4	4-Bromofluorobenzene	101% 79-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	
	Total Alkanes		0	ug/kg	

Blank Spike Summary

Page 1 of 2

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6758-BS	3C149993.D	1	03/02/19	PS	n/a	n/a	V3C6758

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-1, JC83492-2, JC83492-3, JC83492-4, JC83492-7, JC83492-8, JC83492-9, JC83492-10, JC83492-11, JC83492-14, JC83492-15, JC83492-16, JC83492-17, JC83492-18, JC83492-21, JC83492-24, JC83492-25

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	220	110	48-149
71-43-2	Benzene	50	48.6	97	74-117
108-86-1	Bromobenzene	50	47.8	96	77-117
74-97-5	Bromochloromethane	50	49.6	99	82-121
75-27-4	Bromodichloromethane	50	52.9	106	78-119
75-25-2	Bromoform	50	53.5	107	76-130
74-83-9	Bromomethane	50	46.4	93	58-137
78-93-3	2-Butanone (MEK)	200	225	113	65-143
104-51-8	n-Butylbenzene	50	46.3	93	74-123
135-98-8	sec-Butylbenzene	50	45.9	92	74-123
98-06-6	tert-Butylbenzene	50	45.5	91	73-124
56-23-5	Carbon tetrachloride	50	49.3	99	69-136
108-90-7	Chlorobenzene	50	47.2	94	79-117
75-00-3	Chloroethane	50	50.3	101	62-139
67-66-3	Chloroform	50	45.2	90	76-119
74-87-3	Chloromethane	50	49.2	98	52-144
95-49-8	o-Chlorotoluene	50	46.8	94	77-118
106-43-4	p-Chlorotoluene	50	47.5	95	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	56.7	113	72-124
124-48-1	Dibromochloromethane	50	58.8	118	78-122
106-93-4	1,2-Dibromoethane	50	50.7	101	80-116
95-50-1	1,2-Dichlorobenzene	50	46.7	93	77-117
541-73-1	1,3-Dichlorobenzene	50	46.4	93	75-117
106-46-7	1,4-Dichlorobenzene	50	45.7	91	76-115
75-71-8	Dichlorodifluoromethane	50	48.9	98	43-156
75-34-3	1,1-Dichloroethane	50	48.2	96	75-124
107-06-2	1,2-Dichloroethane	50	46.7	93	74-124
75-35-4	1,1-Dichloroethene	50	49.9	100	64-129
156-59-2	cis-1,2-Dichloroethene	50	48.4	97	74-118
156-60-5	trans-1,2-Dichloroethene	50	48.1	96	71-125
78-87-5	1,2-Dichloropropane	50	49.4	99	80-119
142-28-9	1,3-Dichloropropane	50	49.9	100	79-115
594-20-7	2,2-Dichloropropane	50	44.8	90	66-130
563-58-6	1,1-Dichloropropene	50	48.4	97	74-124
10061-01-5	cis-1,3-Dichloropropene	50	51.9	104	80-119
10061-02-6	trans-1,3-Dichloropropene	50	52.4	105	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83492**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6758-BS	3C149993.D	1	03/02/19	PS	n/a	n/a	V3C6758

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83492-1, JC83492-2, JC83492-3, JC83492-4, JC83492-7, JC83492-8, JC83492-9, JC83492-10, JC83492-11, JC83492-14, JC83492-15, JC83492-16, JC83492-17, JC83492-18, JC83492-21, JC83492-24, JC83492-25

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	45.8	92	75-118
87-68-3	Hexachlorobutadiene	50	50.4	101	64-133
98-82-8	Isopropylbenzene	50	45.9	92	74-122
99-87-6	p-Isopropyltoluene	50	45.9	92	74-121
1634-04-4	Methyl Tert Butyl Ether	50	49.3	99	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	234	117	73-136
74-95-3	Methylene bromide	50	52.1	104	82-120
75-09-2	Methylene chloride	50	46.9	94	73-120
91-20-3	Naphthalene	50	53.0	106	71-130
103-65-1	n-Propylbenzene	50	44.6	89	75-120
100-42-5	Styrene	50	47.8	96	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	51.0	102	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	51.7	103	72-120
127-18-4	Tetrachloroethene	50	51.0	102	69-128
108-88-3	Toluene	50	47.6	95	74-117
87-61-6	1,2,3-Trichlorobenzene	50	50.8	102	72-133
120-82-1	1,2,4-Trichlorobenzene	50	49.3	99	73-132
71-55-6	1,1,1-Trichloroethane	50	46.5	93	73-131
79-00-5	1,1,2-Trichloroethane	50	50.3	101	79-117
79-01-6	Trichloroethene	50	48.9	98	80-120
75-69-4	Trichlorofluoromethane	50	46.2	92	63-141
96-18-4	1,2,3-Trichloropropane	50	52.2	104	77-121
95-63-6	1,2,4-Trimethylbenzene	50	44.4	89	76-119
108-67-8	1,3,5-Trimethylbenzene	50	44.9	90	74-119
75-01-4	Vinyl chloride	50	49.3	99	55-145
	m,p-Xylene	100	91.8	92	75-120
95-47-6	o-Xylene	50	45.6	91	75-119
1330-20-7	Xylene (total)	150	137	91	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	100%	75-130%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	99%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6759-BS	3C150023.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-22

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	225	113	48-149
71-43-2	Benzene	50	47.8	96	74-117
108-86-1	Bromobenzene	50	46.2	92	77-117
74-97-5	Bromochloromethane	50	50.2	100	82-121
75-27-4	Bromodichloromethane	50	51.4	103	78-119
75-25-2	Bromoform	50	53.0	106	76-130
74-83-9	Bromomethane	50	46.7	93	58-137
78-93-3	2-Butanone (MEK)	200	224	112	65-143
104-51-8	n-Butylbenzene	50	45.2	90	74-123
135-98-8	sec-Butylbenzene	50	44.3	89	74-123
98-06-6	tert-Butylbenzene	50	43.6	87	73-124
56-23-5	Carbon tetrachloride	50	49.2	98	69-136
108-90-7	Chlorobenzene	50	46.2	92	79-117
75-00-3	Chloroethane	50	49.3	99	62-139
67-66-3	Chloroform	50	45.6	91	76-119
74-87-3	Chloromethane	50	48.4	97	52-144
95-49-8	o-Chlorotoluene	50	45.6	91	77-118
106-43-4	p-Chlorotoluene	50	46.1	92	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	55.8	112	72-124
124-48-1	Dibromochloromethane	50	58.0	116	78-122
106-93-4	1,2-Dibromoethane	50	50.3	101	80-116
95-50-1	1,2-Dichlorobenzene	50	45.7	91	77-117
541-73-1	1,3-Dichlorobenzene	50	45.6	91	75-117
106-46-7	1,4-Dichlorobenzene	50	44.9	90	76-115
75-71-8	Dichlorodifluoromethane	50	47.6	95	43-156
75-34-3	1,1-Dichloroethane	50	48.5	97	75-124
107-06-2	1,2-Dichloroethane	50	46.0	92	74-124
75-35-4	1,1-Dichloroethene	50	48.8	98	64-129
156-59-2	cis-1,2-Dichloroethene	50	48.5	97	74-118
156-60-5	trans-1,2-Dichloroethene	50	47.7	95	71-125
78-87-5	1,2-Dichloropropane	50	48.3	97	80-119
142-28-9	1,3-Dichloropropane	50	48.7	97	79-115
594-20-7	2,2-Dichloropropane	50	45.8	92	66-130
563-58-6	1,1-Dichloropropene	50	48.3	97	74-124
10061-01-5	cis-1,3-Dichloropropene	50	50.9	102	80-119
10061-02-6	trans-1,3-Dichloropropene	50	52.3	105	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6759-BS	3C150023.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-22

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	45.0	90	75-118
87-68-3	Hexachlorobutadiene	50	50.2	100	64-133
98-82-8	Isopropylbenzene	50	45.7	91	74-122
99-87-6	p-Isopropyltoluene	50	44.9	90	74-121
1634-04-4	Methyl Tert Butyl Ether	50	49.7	99	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	229	115	73-136
74-95-3	Methylene bromide	50	50.9	102	82-120
75-09-2	Methylene chloride	50	46.8	94	73-120
91-20-3	Naphthalene	50	49.6	99	71-130
103-65-1	n-Propylbenzene	50	43.2	86	75-120
100-42-5	Styrene	50	47.0	94	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	50.8	102	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	49.3	99	72-120
127-18-4	Tetrachloroethene	50	50.2	100	69-128
108-88-3	Toluene	50	45.7	91	74-117
87-61-6	1,2,3-Trichlorobenzene	50	49.7	99	72-133
120-82-1	1,2,4-Trichlorobenzene	50	49.3	99	73-132
71-55-6	1,1,1-Trichloroethane	50	46.4	93	73-131
79-00-5	1,1,2-Trichloroethane	50	49.2	98	79-117
79-01-6	Trichloroethene	50	47.8	96	80-120
75-69-4	Trichlorofluoromethane	50	45.7	91	63-141
96-18-4	1,2,3-Trichloropropane	50	50.0	100	77-121
95-63-6	1,2,4-Trimethylbenzene	50	43.2	86	76-119
108-67-8	1,3,5-Trimethylbenzene	50	43.6	87	74-119
75-01-4	Vinyl chloride	50	48.7	97	55-145
	m,p-Xylene	100	91.7	92	75-120
95-47-6	o-Xylene	50	45.4	91	75-119
1330-20-7	Xylene (total)	150	137	91	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	75-127%
17060-07-0	1,2-Dichloroethane-D4	100%	75-130%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	96%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7155-BS	1C162816.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-23

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	207	104	48-149
71-43-2	Benzene	50	45.5	91	74-117
108-86-1	Bromobenzene	50	45.1	90	77-117
74-97-5	Bromochloromethane	50	49.0	98	82-121
75-27-4	Bromodichloromethane	50	46.9	94	78-119
75-25-2	Bromoform	50	50.4	101	76-130
74-83-9	Bromomethane	50	44.4	89	58-137
78-93-3	2-Butanone (MEK)	200	203	102	65-143
104-51-8	n-Butylbenzene	50	44.5	89	74-123
135-98-8	sec-Butylbenzene	50	44.9	90	74-123
98-06-6	tert-Butylbenzene	50	46.6	93	73-124
56-23-5	Carbon tetrachloride	50	48.6	97	69-136
108-90-7	Chlorobenzene	50	47.3	95	79-117
75-00-3	Chloroethane	50	45.7	91	62-139
67-66-3	Chloroform	50	45.1	90	76-119
74-87-3	Chloromethane	50	44.1	88	52-144
95-49-8	o-Chlorotoluene	50	44.7	89	77-118
106-43-4	p-Chlorotoluene	50	44.0	88	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	49.7	99	72-124
124-48-1	Dibromochloromethane	50	49.6	99	78-122
106-93-4	1,2-Dibromoethane	50	51.7	103	80-116
95-50-1	1,2-Dichlorobenzene	50	46.0	92	77-117
541-73-1	1,3-Dichlorobenzene	50	45.4	91	75-117
106-46-7	1,4-Dichlorobenzene	50	45.0	90	76-115
75-71-8	Dichlorodifluoromethane	50	42.5	85	43-156
75-34-3	1,1-Dichloroethane	50	43.8	88	75-124
107-06-2	1,2-Dichloroethane	50	45.4	91	74-124
75-35-4	1,1-Dichloroethene	50	44.6	89	64-129
156-59-2	cis-1,2-Dichloroethene	50	43.8	88	74-118
156-60-5	trans-1,2-Dichloroethene	50	45.2	90	71-125
78-87-5	1,2-Dichloropropane	50	44.1	88	80-119
142-28-9	1,3-Dichloropropane	50	45.5	91	79-115
594-20-7	2,2-Dichloropropane	50	46.1	92	66-130
563-58-6	1,1-Dichloropropene	50	44.6	89	74-124
10061-01-5	cis-1,3-Dichloropropene	50	46.5	93	80-119
10061-02-6	trans-1,3-Dichloropropene	50	47.5	95	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7155-BS	1C162816.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-23

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	45.6	91	75-118
87-68-3	Hexachlorobutadiene	50	45.6	91	64-133
98-82-8	Isopropylbenzene	50	46.1	92	74-122
99-87-6	p-Isopropyltoluene	50	46.4	93	74-121
1634-04-4	Methyl Tert Butyl Ether	50	46.7	93	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	193	97	73-136
74-95-3	Methylene bromide	50	46.8	94	82-120
75-09-2	Methylene chloride	50	45.7	91	73-120
91-20-3	Naphthalene	50	46.0	92	71-130
103-65-1	n-Propylbenzene	50	43.9	88	75-120
100-42-5	Styrene	50	46.6	93	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	47.9	96	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	46.4	93	72-120
127-18-4	Tetrachloroethene	50	50.0	100	69-128
108-88-3	Toluene	50	46.6	93	74-117
87-61-6	1,2,3-Trichlorobenzene	50	45.8	92	72-133
120-82-1	1,2,4-Trichlorobenzene	50	45.8	92	73-132
71-55-6	1,1,1-Trichloroethane	50	46.5	93	73-131
79-00-5	1,1,2-Trichloroethane	50	46.0	92	79-117
79-01-6	Trichloroethene	50	50.0	100	80-120
75-69-4	Trichlorofluoromethane	50	44.9	90	63-141
96-18-4	1,2,3-Trichloropropane	50	45.6	91	77-121
95-63-6	1,2,4-Trimethylbenzene	50	45.1	90	76-119
108-67-8	1,3,5-Trimethylbenzene	50	45.1	90	74-119
75-01-4	Vinyl chloride	50	44.6	89	55-145
	m,p-Xylene	100	91.9	92	75-120
95-47-6	o-Xylene	50	46.4	93	75-119
1330-20-7	Xylene (total)	150	138	92	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	94%	75-127%
17060-07-0	1,2-Dichloroethane-D4	90%	75-130%
2037-26-5	Toluene-D8	96%	80-120%
460-00-4	4-Bromofluorobenzene	94%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VE11043-BS	E257645.D	1	03/05/19	TDN	n/a	n/a	VE11043

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-18, JC83492-21

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
79-01-6	Trichloroethene	2500	2700	108	80-120
75-01-4	Vinyl chloride	2500	2720	109	55-145

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	75-127%
17060-07-0	1,2-Dichloroethane-D4	97%	75-130%
2037-26-5	Toluene-D8	95%	80-120%
460-00-4	4-Bromofluorobenzene	107%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10601-BS	D262842.D	1	03/07/19	EH	n/a	n/a	VD10601

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-21

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
156-59-2	cis-1,2-Dichloroethene	2500	2360	94	74-118

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	75-127%
17060-07-0	1,2-Dichloroethane-D4	115%	75-130%
2037-26-5	Toluene-D8	102%	80-120%
460-00-4	4-Bromofluorobenzene	96%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7164-BS	1C163021.D	1	03/14/19	PS	n/a	n/a	V1C7164

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-19R, JC83492-20R

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	217	109	48-149
71-43-2	Benzene	50	48.3	97	74-117
108-86-1	Bromobenzene	50	51.2	102	77-117
74-97-5	Bromochloromethane	50	51.8	104	82-121
75-27-4	Bromodichloromethane	50	51.5	103	78-119
75-25-2	Bromoform	50	58.3	117	76-130
74-83-9	Bromomethane	50	43.2	86	58-137
78-93-3	2-Butanone (MEK)	200	200	100	65-143
104-51-8	n-Butylbenzene	50	47.9	96	74-123
135-98-8	sec-Butylbenzene	50	49.3	99	74-123
98-06-6	tert-Butylbenzene	50	49.7	99	73-124
56-23-5	Carbon tetrachloride	50	51.7	103	69-136
108-90-7	Chlorobenzene	50	52.1	104	79-117
75-00-3	Chloroethane	50	43.5	87	62-139
67-66-3	Chloroform	50	47.0	94	76-119
74-87-3	Chloromethane	50	42.3	85	52-144
95-49-8	o-Chlorotoluene	50	49.6	99	77-118
106-43-4	p-Chlorotoluene	50	48.4	97	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	52.6	105	72-124
124-48-1	Dibromochloromethane	50	56.7	113	78-122
106-93-4	1,2-Dibromoethane	50	57.5	115	80-116
95-50-1	1,2-Dichlorobenzene	50	51.5	103	77-117
541-73-1	1,3-Dichlorobenzene	50	51.3	103	75-117
106-46-7	1,4-Dichlorobenzene	50	50.5	101	76-115
75-71-8	Dichlorodifluoromethane	50	42.7	85	43-156
75-34-3	1,1-Dichloroethane	50	44.6	89	75-124
107-06-2	1,2-Dichloroethane	50	51.4	103	74-124
75-35-4	1,1-Dichloroethene	50	45.0	90	64-129
156-59-2	cis-1,2-Dichloroethene	50	45.1	90	74-118
156-60-5	trans-1,2-Dichloroethene	50	45.7	91	71-125
78-87-5	1,2-Dichloropropane	50	46.3	93	80-119
142-28-9	1,3-Dichloropropane	50	49.2	98	79-115
594-20-7	2,2-Dichloropropane	50	48.4	97	66-130
563-58-6	1,1-Dichloropropene	50	45.4	91	74-124
10061-01-5	cis-1,3-Dichloropropene	50	50.5	101	80-119
10061-02-6	trans-1,3-Dichloropropene	50	53.0	106	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C7164-BS	1C163021.D	1	03/14/19	PS	n/a	n/a	V1C7164

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-19R, JC83492-20R

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	50.7	101	75-118
87-68-3	Hexachlorobutadiene	50	53.3	107	64-133
98-82-8	Isopropylbenzene	50	51.1	102	74-122
99-87-6	p-Isopropyltoluene	50	51.5	103	74-121
1634-04-4	Methyl Tert Butyl Ether	50	48.7	97	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	193	97	73-136
74-95-3	Methylene bromide	50	51.0	102	82-120
75-09-2	Methylene chloride	50	47.1	94	73-120
91-20-3	Naphthalene	50	52.0	104	71-130
103-65-1	n-Propylbenzene	50	48.0	96	75-120
100-42-5	Styrene	50	52.2	104	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	55.1	110	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	48.4	97	72-120
127-18-4	Tetrachloroethene	50	56.2	112	69-128
108-88-3	Toluene	50	50.6	101	74-117
87-61-6	1,2,3-Trichlorobenzene	50	52.7	105	72-133
120-82-1	1,2,4-Trichlorobenzene	50	52.6	105	73-132
71-55-6	1,1,1-Trichloroethane	50	49.1	98	73-131
79-00-5	1,1,2-Trichloroethane	50	50.1	100	79-117
79-01-6	Trichloroethene	50	54.7	109	80-120
75-69-4	Trichlorofluoromethane	50	45.1	90	63-141
96-18-4	1,2,3-Trichloropropane	50	48.6	97	77-121
95-63-6	1,2,4-Trimethylbenzene	50	50.0	100	76-119
108-67-8	1,3,5-Trimethylbenzene	50	50.1	100	74-119
75-01-4	Vinyl chloride	50	43.6	87	55-145
	m,p-Xylene	100	102	102	75-120
95-47-6	o-Xylene	50	52.1	104	75-119
1330-20-7	Xylene (total)	150	154	103	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	92%	75-127%
17060-07-0	1,2-Dichloroethane-D4	94%	75-130%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	92%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10608-BS	D263056.D	1	03/18/19	TDN	n/a	n/a	VD10608

The QC reported here applies to the following samples: Method: SW846 8260C

JC83492-19R

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
79-01-6	Trichloroethene	2500	2370	95	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	97%	75-130%
2037-26-5	Toluene-D8	101%	80-120%
460-00-4	4-Bromofluorobenzene	93%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83492-1MS	3C150003.D	1	03/02/19	PS	n/a	n/a	V3C6758
JC83492-1	3C149996.D	1	03/02/19	PS	n/a	n/a	V3C6758

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-1, JC83492-2, JC83492-3, JC83492-4, JC83492-7, JC83492-8, JC83492-9, JC83492-10, JC83492-11, JC83492-14, JC83492-15, JC83492-16, JC83492-17, JC83492-18, JC83492-21, JC83492-24, JC83492-25

CAS No.	Compound	JC83492-1 ug/kg	Spike Q	MS ug/kg	MS %	Limits	
67-64-1	Acetone	29.3		259	225	76	10-157
71-43-2	Benzene	ND		64.8	56.8	88	58-125
108-86-1	Bromobenzene	ND		64.8	50.5	78	50-129
74-97-5	Bromochloromethane	ND		64.8	55.9	86	60-127
75-27-4	Bromodichloromethane	ND		64.8	57.8	89	57-128
75-25-2	Bromoform	ND		64.8	50.8	78	48-133
74-83-9	Bromomethane	ND		64.8	50.4	78	31-141
78-93-3	2-Butanone (MEK)	ND		259	212	82	29-146
104-51-8	n-Butylbenzene	ND		64.8	43.8	68	23-149
135-98-8	sec-Butylbenzene	ND		64.8	48.4	75	33-147
98-06-6	tert-Butylbenzene	ND		64.8	50.8	78	39-145
56-23-5	Carbon tetrachloride	ND		64.8	56.4	87	51-143
108-90-7	Chlorobenzene	ND		64.8	52.3	81	54-130
75-00-3	Chloroethane	ND		64.8	58.6	90	22-153
67-66-3	Chloroform	ND		64.8	53.7	83	61-125
74-87-3	Chloromethane	ND		64.8	56.4	87	43-142
95-49-8	o-Chlorotoluene	ND		64.8	50.8	78	47-137
106-43-4	p-Chlorotoluene	ND		64.8	50.1	77	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		64.8	49.8	77	41-127
124-48-1	Dibromochloromethane	ND		64.8	60.6	94	56-127
106-93-4	1,2-Dibromoethane	ND		64.8	52.0	80	54-121
95-50-1	1,2-Dichlorobenzene	ND		64.8	47.8	74	41-134
541-73-1	1,3-Dichlorobenzene	ND		64.8	47.7	74	41-135
106-46-7	1,4-Dichlorobenzene	ND		64.8	46.8	72	41-133
75-71-8	Dichlorodifluoromethane	ND		64.8	50.9	79	30-153
75-34-3	1,1-Dichloroethane	ND		64.8	56.3	87	61-131
107-06-2	1,2-Dichloroethane	ND		64.8	51.4	79	56-126
75-35-4	1,1-Dichloroethene	ND		64.8	58.6	90	53-132
156-59-2	cis-1,2-Dichloroethene	ND		64.8	56.1	87	57-125
156-60-5	trans-1,2-Dichloroethene	ND		64.8	55.3	85	56-130
78-87-5	1,2-Dichloropropane	ND		64.8	56.4	87	63-126
142-28-9	1,3-Dichloropropane	ND		64.8	52.1	80	58-119
594-20-7	2,2-Dichloropropane	ND		64.8	39.4	61	41-135
563-58-6	1,1-Dichloropropene	ND		64.8	55.7	86	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		64.8	52.8	81	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		64.8	50.7	78	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83492-1MS	3C150003.D	1	03/02/19	PS	n/a	n/a	V3C6758
JC83492-1	3C149996.D	1	03/02/19	PS	n/a	n/a	V3C6758

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-1, JC83492-2, JC83492-3, JC83492-4, JC83492-7, JC83492-8, JC83492-9, JC83492-10, JC83492-11, JC83492-14, JC83492-15, JC83492-16, JC83492-17, JC83492-18, JC83492-21, JC83492-24, JC83492-25

CAS No.	Compound	JC83492-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		64.8	50.9	79	49-132
87-68-3	Hexachlorobutadiene	ND		64.8	45.7	71	10-165
98-82-8	Isopropylbenzene	ND		64.8	50.7	78	43-141
99-87-6	p-Isopropyltoluene	ND		64.8	47.9	74	34-144
1634-04-4	Methyl Tert Butyl Ether	ND		64.8	52.1	80	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		259	222	86	40-140
74-95-3	Methylene bromide	ND		64.8	55.8	86	57-124
75-09-2	Methylene chloride	ND		64.8	53.4	82	57-123
91-20-3	Naphthalene	ND		64.8	46.3	71	22-145
103-65-1	n-Propylbenzene	ND		64.8	47.6	73	41-139
100-42-5	Styrene	ND		64.8	51.4	79	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		64.8	56.0	86	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		64.8	51.2	79	44-127
127-18-4	Tetrachloroethene	ND		64.8	54.5	84	39-154
108-88-3	Toluene	ND		64.8	53.0	82	54-127
87-61-6	1,2,3-Trichlorobenzene	ND		64.8	44.3	68	17-151
120-82-1	1,2,4-Trichlorobenzene	ND		64.8	43.9	68	19-153
71-55-6	1,1,1-Trichloroethane	ND		64.8	54.6	84	57-138
79-00-5	1,1,2-Trichloroethane	ND		64.8	52.3	81	53-127
79-01-6	Trichloroethene	ND		64.8	55.9	86	52-140
75-69-4	Trichlorofluoromethane	ND		64.8	53.8	83	46-142
96-18-4	1,2,3-Trichloropropane	ND		64.8	51.6	80	48-129
95-63-6	1,2,4-Trimethylbenzene	ND		64.8	47.9	74	39-142
108-67-8	1,3,5-Trimethylbenzene	ND		64.8	49.2	76	40-140
75-01-4	Vinyl chloride	ND		64.8	56.7	88	43-146
	m,p-Xylene	ND		130	102	79	45-137
95-47-6	o-Xylene	ND		64.8	50.7	78	48-135
1330-20-7	Xylene (total)	ND		194	152	78	46-137

CAS No.	Surrogate Recoveries	MS	JC83492-1	Limits
1868-53-7	Dibromofluoromethane	100%	101%	75-127%
17060-07-0	1,2-Dichloroethane-D4	97%	106%	75-130%
2037-26-5	Toluene-D8	98%	97%	80-120%
460-00-4	4-Bromofluorobenzene	99%	99%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 3

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-1MS	3C150036.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-1 ^a	3C150026.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-22

CAS No.	Compound	JC83566-1 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	ND		209	193	92	10-157
71-43-2	Benzene	ND		52.3	49.2	94	58-125
108-86-1	Bromobenzene	ND		52.3	42.3	81	50-129
74-97-5	Bromochloromethane	ND		52.3	51.8	99	60-127
75-27-4	Bromodichloromethane	ND		52.3	51.1	98	57-128
75-25-2	Bromoform	ND		52.3	43.7	84	48-133
74-83-9	Bromomethane	ND		52.3	50.8	97	31-141
78-93-3	2-Butanone (MEK)	ND		209	195	93	29-146
104-51-8	n-Butylbenzene	ND		52.3	30.6	58	23-149
135-98-8	sec-Butylbenzene	ND		52.3	35.9	69	33-147
98-06-6	tert-Butylbenzene	ND		52.3	39.0	75	39-145
56-23-5	Carbon tetrachloride	ND		52.3	50.6	97	51-143
108-90-7	Chlorobenzene	ND		52.3	43.7	84	54-130
75-00-3	Chloroethane	ND		52.3	58.7	112	22-153
67-66-3	Chloroform	ND		52.3	49.3	94	61-125
74-87-3	Chloromethane	ND		52.3	56.0	107	43-142
95-49-8	o-Chlorotoluene	ND		52.3	41.0	78	47-137
106-43-4	p-Chlorotoluene	ND		52.3	41.0	78	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		52.3	41.9	80	41-127
124-48-1	Dibromochloromethane	ND		52.3	52.2	100	56-127
106-93-4	1,2-Dibromoethane	ND		52.3	45.8	88	54-121
95-50-1	1,2-Dichlorobenzene	ND		52.3	37.8	72	41-134
541-73-1	1,3-Dichlorobenzene	ND		52.3	37.8	72	41-135
106-46-7	1,4-Dichlorobenzene	ND		52.3	37.1	71	41-133
75-71-8	Dichlorodifluoromethane	ND		52.3	51.9	99	30-153
75-34-3	1,1-Dichloroethane	ND		52.3	52.6	101	61-131
107-06-2	1,2-Dichloroethane	ND		52.3	45.0	86	56-126
75-35-4	1,1-Dichloroethene	ND		52.3	53.3	102	53-132
156-59-2	cis-1,2-Dichloroethene	ND		52.3	52.3	100	57-125
156-60-5	trans-1,2-Dichloroethene	ND		52.3	50.9	97	56-130
78-87-5	1,2-Dichloropropane	ND		52.3	48.2	92	63-126
142-28-9	1,3-Dichloropropane	ND		52.3	45.9	88	58-119
594-20-7	2,2-Dichloropropane	ND		52.3	38.3	73	41-135
563-58-6	1,1-Dichloropropene	ND		52.3	49.9	95	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		52.3	46.4	89	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		52.3	44.4	85	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-1MS	3C150036.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-1 ^a	3C150026.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-22

CAS No.	Compound	JC83566-1 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		52.3	42.3	81	49-132
87-68-3	Hexachlorobutadiene	ND		52.3	24.4	47	10-165
98-82-8	Isopropylbenzene	ND		52.3	40.9	78	43-141
99-87-6	p-Isopropyltoluene	ND		52.3	35.4	68	34-144
1634-04-4	Methyl Tert Butyl Ether	ND		52.3	48.0	92	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		209	194	93	40-140
74-95-3	Methylene bromide	ND		52.3	48.7	93	57-124
75-09-2	Methylene chloride	ND		52.3	49.4	94	57-123
91-20-3	Naphthalene	ND		52.3	35.2	67	22-145
103-65-1	n-Propylbenzene	ND		52.3	37.7	72	41-139
100-42-5	Styrene	ND		52.3	43.1	82	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		52.3	47.8	91	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		52.3	43.2	83	44-127
127-18-4	Tetrachloroethene	ND		52.3	44.7	85	39-154
108-88-3	Toluene	ND		52.3	45.5	87	54-127
87-61-6	1,2,3-Trichlorobenzene	ND		52.3	30.0	57	17-151
120-82-1	1,2,4-Trichlorobenzene	ND		52.3	30.0	57	19-153
71-55-6	1,1,1-Trichloroethane	ND		52.3	49.8	95	57-138
79-00-5	1,1,2-Trichloroethane	ND		52.3	45.5	87	53-127
79-01-6	Trichloroethene	ND		52.3	48.1	92	52-140
75-69-4	Trichlorofluoromethane	ND		52.3	53.0	101	46-142
96-18-4	1,2,3-Trichloropropane	ND		52.3	44.5	85	48-129
95-63-6	1,2,4-Trimethylbenzene	ND		52.3	38.0	73	39-142
108-67-8	1,3,5-Trimethylbenzene	ND		52.3	38.6	74	40-140
75-01-4	Vinyl chloride	ND		52.3	56.6	108	43-146
	m,p-Xylene	ND		105	83.5	80	45-137
95-47-6	o-Xylene	ND		52.3	42.4	81	48-135
1330-20-7	Xylene (total)	ND		157	126	80	46-137

CAS No.	Surrogate Recoveries	MS	JC83566-1	Limits
1868-53-7	Dibromofluoromethane	106%	106%	75-127%
17060-07-0	1,2-Dichloroethane-D4	96%	104%	75-130%
2037-26-5	Toluene-D8	99%	96%	80-120%
460-00-4	4-Bromofluorobenzene	98%	98%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-1MS	3C150036.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-1 ^a	3C150026.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-22

(a) Sample was not frozen within 48 hours storage holding time.

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83637-1MS	1C162829.D	1	03/04/19	PS	n/a	n/a	V1C7155
JC83637-1	1C162819.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-23

CAS No.	Compound	JC83637-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	59.0		212	204	68	10-157
71-43-2	Benzene	ND		53.1	52.8	99	58-125
108-86-1	Bromobenzene	ND		53.1	48.0	90	50-129
74-97-5	Bromochloromethane	ND		53.1	57.0	107	60-127
75-27-4	Bromodichloromethane	ND		53.1	54.3	102	57-128
75-25-2	Bromoform	ND		53.1	50.5	95	48-133
74-83-9	Bromomethane	ND		53.1	57.7	109	31-141
78-93-3	2-Butanone (MEK)	ND		212	185	87	29-146
104-51-8	n-Butylbenzene	ND		53.1	41.1	77	23-149
135-98-8	sec-Butylbenzene	ND		53.1	46.9	88	33-147
98-06-6	tert-Butylbenzene	ND		53.1	50.1	94	39-145
56-23-5	Carbon tetrachloride	ND		53.1	59.2	111	51-143
108-90-7	Chlorobenzene	ND		53.1	50.7	95	54-130
75-00-3	Chloroethane	ND		53.1	60.1	113	22-153
67-66-3	Chloroform	ND		53.1	54.9	103	61-125
74-87-3	Chloromethane	ND		53.1	55.2	104	43-142
95-49-8	o-Chlorotoluene	ND		53.1	47.2	89	47-137
106-43-4	p-Chlorotoluene	ND		53.1	44.8	84	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		53.1	43.2	81	41-127
124-48-1	Dibromochloromethane	ND		53.1	53.5	101	56-127
106-93-4	1,2-Dibromoethane	ND		53.1	52.4	99	54-121
95-50-1	1,2-Dichlorobenzene	ND		53.1	46.6	88	41-134
541-73-1	1,3-Dichlorobenzene	ND		53.1	45.2	85	41-135
106-46-7	1,4-Dichlorobenzene	ND		53.1	44.1	83	41-133
75-71-8	Dichlorodifluoromethane	ND		53.1	51.8	98	30-153
75-34-3	1,1-Dichloroethane	ND		53.1	54.0	102	61-131
107-06-2	1,2-Dichloroethane	ND		53.1	50.7	95	56-126
75-35-4	1,1-Dichloroethene	ND		53.1	53.9	102	53-132
156-59-2	cis-1,2-Dichloroethene	ND		53.1	52.0	98	57-125
156-60-5	trans-1,2-Dichloroethene	ND		53.1	51.8	98	56-130
78-87-5	1,2-Dichloropropane	ND		53.1	51.1	96	63-126
142-28-9	1,3-Dichloropropane	ND		53.1	48.3	91	58-119
594-20-7	2,2-Dichloropropane	ND		53.1	44.6	84	41-135
563-58-6	1,1-Dichloropropene	ND		53.1	52.0	98	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		53.1	49.2	93	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		53.1	47.6	90	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83637-1MS	1C162829.D	1	03/04/19	PS	n/a	n/a	V1C7155
JC83637-1	1C162819.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-23

CAS No.	Compound	JC83637-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		53.1	49.8	94	49-132
87-68-3	Hexachlorobutadiene	ND		53.1	40.0	75	10-165
98-82-8	Isopropylbenzene	ND		53.1	50.7	95	43-141
99-87-6	p-Isopropyltoluene	ND		53.1	47.2	89	34-144
1634-04-4	Methyl Tert Butyl Ether	ND		53.1	51.2	96	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		212	178	84	40-140
74-95-3	Methylene bromide	ND		53.1	51.1	96	57-124
75-09-2	Methylene chloride	ND		53.1	54.3	102	57-123
91-20-3	Naphthalene	ND		53.1	38.3	72	22-145
103-65-1	n-Propylbenzene	ND		53.1	46.3	87	41-139
100-42-5	Styrene	ND		53.1	48.6	92	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		53.1	54.5	103	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		53.1	45.2	85	44-127
127-18-4	Tetrachloroethene	ND		53.1	52.8	99	39-154
108-88-3	Toluene	ND		53.1	51.4	97	54-127
87-61-6	1,2,3-Trichlorobenzene	ND		53.1	40.7	77	17-151
120-82-1	1,2,4-Trichlorobenzene	ND		53.1	40.2	76	19-153
71-55-6	1,1,1-Trichloroethane	ND		53.1	56.8	107	57-138
79-00-5	1,1,2-Trichloroethane	ND		53.1	49.2	93	53-127
79-01-6	Trichloroethene	ND		53.1	56.7	107	52-140
75-69-4	Trichlorofluoromethane	ND		53.1	58.4	110	46-142
96-18-4	1,2,3-Trichloropropane	ND		53.1	43.2	81	48-129
95-63-6	1,2,4-Trimethylbenzene	ND		53.1	47.4	89	39-142
108-67-8	1,3,5-Trimethylbenzene	ND		53.1	48.1	91	40-140
75-01-4	Vinyl chloride	ND		53.1	58.2	110	43-146
	m,p-Xylene	ND		106	99.3	94	45-137
95-47-6	o-Xylene	ND		53.1	50.9	96	48-135
1330-20-7	Xylene (total)	ND		159	150	94	46-137

CAS No.	Surrogate Recoveries	MS	JC83637-1	Limits
1868-53-7	Dibromofluoromethane	99%	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	90%	98%	75-130%
2037-26-5	Toluene-D8	96%	97%	80-120%
460-00-4	4-Bromofluorobenzene	93%	93%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84266-6MS	1C163029.D	1	03/14/19	PS	n/a	n/a	V1C7164
JC84266-6	1C163025.D	1	03/14/19	PS	n/a	n/a	V1C7164

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-19R, JC83492-20R

CAS No.	Compound	JC84266-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	14.7		244	208	79	10-157
71-43-2	Benzene	ND		61.1	61.4	100	58-125
108-86-1	Bromobenzene	ND		61.1	61.8	101	50-129
74-97-5	Bromochloromethane	ND		61.1	65.0	106	60-127
75-27-4	Bromodichloromethane	ND		61.1	64.7	106	57-128
75-25-2	Bromoform	ND		61.1	65.4	107	48-133
74-83-9	Bromomethane	ND		61.1	58.7	96	31-141
78-93-3	2-Butanone (MEK)	ND		244	201	82	29-146
104-51-8	n-Butylbenzene	ND		61.1	56.5	92	23-149
135-98-8	sec-Butylbenzene	ND		61.1	60.6	99	33-147
98-06-6	tert-Butylbenzene	ND		61.1	62.6	102	39-145
56-23-5	Carbon tetrachloride	ND		61.1	70.4	115	51-143
108-90-7	Chlorobenzene	ND		61.1	65.9	108	54-130
75-00-3	Chloroethane	ND		61.1	58.9	96	22-153
67-66-3	Chloroform	ND		61.1	62.6	102	61-125
74-87-3	Chloromethane	ND		61.1	53.1	87	43-142
95-49-8	o-Chlorotoluene	ND		61.1	60.3	99	47-137
106-43-4	p-Chlorotoluene	ND		61.1	58.9	96	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		61.1	55.3	90	41-127
124-48-1	Dibromochloromethane	ND		61.1	68.7	112	56-127
106-93-4	1,2-Dibromoethane	ND		61.1	65.0	106	54-121
95-50-1	1,2-Dichlorobenzene	ND		61.1	62.3	102	41-134
541-73-1	1,3-Dichlorobenzene	ND		61.1	61.9	101	41-135
106-46-7	1,4-Dichlorobenzene	ND		61.1	60.9	100	41-133
75-71-8	Dichlorodifluoromethane	ND		61.1	54.4	89	30-153
75-34-3	1,1-Dichloroethane	ND		61.1	58.3	95	61-131
107-06-2	1,2-Dichloroethane	ND		61.1	61.8	101	56-126
75-35-4	1,1-Dichloroethene	ND		61.1	60.7	99	53-132
156-59-2	cis-1,2-Dichloroethene	ND		61.1	58.4	96	57-125
156-60-5	trans-1,2-Dichloroethene	ND		61.1	60.1	98	56-130
78-87-5	1,2-Dichloropropane	ND		61.1	57.9	95	63-126
142-28-9	1,3-Dichloropropane	ND		61.1	57.8	95	58-119
594-20-7	2,2-Dichloropropane	ND		61.1	53.6	88	41-135
563-58-6	1,1-Dichloropropene	ND		61.1	59.2	97	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		61.1	59.2	97	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		61.1	59.7	98	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84266-6MS	1C163029.D	1	03/14/19	PS	n/a	n/a	V1C7164
JC84266-6	1C163025.D	1	03/14/19	PS	n/a	n/a	V1C7164

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-19R, JC83492-20R

CAS No.	Compound	JC84266-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		61.1	64.0	105	49-132
87-68-3	Hexachlorobutadiene	ND		61.1	61.6	101	10-165
98-82-8	Isopropylbenzene	ND		61.1	65.0	106	43-141
99-87-6	p-Isopropyltoluene	ND		61.1	62.2	102	34-144
1634-04-4	Methyl Tert Butyl Ether	ND		61.1	57.2	94	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		244	199	81	40-140
74-95-3	Methylene bromide	ND		61.1	60.8	99	57-124
75-09-2	Methylene chloride	ND		61.1	59.8	98	57-123
91-20-3	Naphthalene	ND		61.1	56.6	93	22-145
103-65-1	n-Propylbenzene	ND		61.1	58.6	96	41-139
100-42-5	Styrene	ND		61.1	65.1	107	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		61.1	68.4	112	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		61.1	51.9	85	44-127
127-18-4	Tetrachloroethene	ND		61.1	69.3	113	39-154
108-88-3	Toluene	ND		61.1	64.3	105	54-127
87-61-6	1,2,3-Trichlorobenzene	ND		61.1	61.0	100	17-151
120-82-1	1,2,4-Trichlorobenzene	ND		61.1	61.7	101	19-153
71-55-6	1,1,1-Trichloroethane	ND		61.1	66.0	108	57-138
79-00-5	1,1,2-Trichloroethane	ND		61.1	58.7	96	53-127
79-01-6	Trichloroethene	ND		61.1	70.0	115	52-140
75-69-4	Trichlorofluoromethane	ND		61.1	63.8	104	46-142
96-18-4	1,2,3-Trichloropropane	ND		61.1	52.1	85	48-129
95-63-6	1,2,4-Trimethylbenzene	ND		61.1	61.3	100	39-142
108-67-8	1,3,5-Trimethylbenzene	ND		61.1	61.8	101	40-140
75-01-4	Vinyl chloride	ND		61.1	58.0	95	43-146
	m,p-Xylene	ND		122	129	106	45-137
95-47-6	o-Xylene	ND		61.1	64.8	106	48-135
1330-20-7	Xylene (total)	ND		183	194	106	46-137

CAS No.	Surrogate Recoveries	MS	JC84266-6	Limits
1868-53-7	Dibromofluoromethane	94%	94%	75-127%
17060-07-0	1,2-Dichloroethane-D4	93%	98%	75-130%
2037-26-5	Toluene-D8	98%	98%	80-120%
460-00-4	4-Bromofluorobenzene	90%	92%	79-127%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83581-1MS	E257653.D	1	03/05/19	TDN	n/a	n/a	VE11043
JC83581-1MSD	E257654.D	1	03/05/19	TDN	n/a	n/a	VE11043
JC83581-1	E257648.D	1	03/05/19	TDN	n/a	n/a	VE11043

The QC reported here applies to the following samples: Method: SW846 8260C

JC83492-18, JC83492-21

CAS No.	Compound	JC83581-1 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
79-01-6	Trichloroethene	ND	6730	6800	101	6730	6750	100	1	52-140/24
75-01-4	Vinyl chloride	ND	6730	7000	104	6730	7290	108	4	43-146/26

CAS No.	Surrogate Recoveries	MS	MSD	JC83581-1	Limits
1868-53-7	Dibromofluoromethane	97%	96%	97%	75-127%
17060-07-0	1,2-Dichloroethane-D4	98%	97%	93%	75-130%
2037-26-5	Toluene-D8	95%	95%	94%	80-120%
460-00-4	4-Bromofluorobenzene	104%	105%	105%	79-127%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83237-14MS	D262848.D	1	03/07/19	EH	n/a	n/a	VD10601
JC83237-14MSD	D262849.D	1	03/07/19	EH	n/a	n/a	VD10601
JC83237-14 ^a	D262846.D	1	03/07/19	EH	n/a	n/a	VD10601
JC83237-14 ^b	D262847.D	1	03/07/19	EH	n/a	n/a	VD10601

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-21

CAS No.	Compound	JC83237-14 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethene	ND	5550	4610	83	5550	4490	81	3	57-125/22

CAS No.	Surrogate Recoveries	MS	MSD	JC83237-14	JC83237-14	Limits
1868-53-7	Dibromofluoromethane	98%	96%	98%	99%	75-127%
17060-07-0	1,2-Dichloroethane-D4	111%	111%	117%	115%	75-130%
2037-26-5	Toluene-D8	102%	102%	105%	102%	80-120%
460-00-4	4-Bromofluorobenzene	163% * ^c	158% * ^c	156% * ^c	114%	79-127%

(a) Diluted due to high concentration of non-target compound.

(b) Confirmation run for surrogate recoveries.

(c) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84466-1MS	D263062.D	1	03/18/19	TDN	n/a	n/a	VD10608
JC84466-1MSD	D263063.D	1	03/18/19	TDN	n/a	n/a	VD10608
JC84466-1	D263059.D	1	03/18/19	TDN	n/a	n/a	VD10608

The QC reported here applies to the following samples: Method: SW846 8260C

JC83492-19R

CAS No.	Compound	JC84466-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
79-01-6	Trichloroethene	ND		4710	4210	89	4710	4300	91	2	52-140/24

CAS No.	Surrogate Recoveries	MS	MSD	JC84466-1	Limits
1868-53-7	Dibromofluoromethane	95%	96%	97%	75-127%
17060-07-0	1,2-Dichloroethane-D4	96%	96%	98%	75-130%
2037-26-5	Toluene-D8	102%	102%	100%	80-120%
460-00-4	4-Bromofluorobenzene	93%	93%	101%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83492-2DUP	3C150005.D	1	03/02/19	PS	n/a	n/a	V3C6758
JC83492-2	3C149997.D	1	03/02/19	PS	n/a	n/a	V3C6758

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-1, JC83492-2, JC83492-3, JC83492-4, JC83492-7, JC83492-8, JC83492-9, JC83492-10, JC83492-11, JC83492-14, JC83492-15, JC83492-16, JC83492-17, JC83492-18, JC83492-21, JC83492-24, JC83492-25

CAS No.	Compound	JC83492-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
67-64-1	Acetone	22.8		23.0	1		40
71-43-2	Benzene	ND		ND	nc		30
108-86-1	Bromobenzene	ND		ND	nc		30
74-97-5	Bromochloromethane	ND		ND	nc		30
75-27-4	Bromodichloromethane	ND		ND	nc		30
75-25-2	Bromoform	ND		ND	nc		30
74-83-9	Bromomethane	ND		ND	nc		30
78-93-3	2-Butanone (MEK)	ND		ND	nc		30
104-51-8	n-Butylbenzene	ND		ND	nc		30
135-98-8	sec-Butylbenzene	ND		ND	nc		30
98-06-6	tert-Butylbenzene	ND		ND	nc		30
56-23-5	Carbon tetrachloride	ND		ND	nc		30
108-90-7	Chlorobenzene	ND		ND	nc		30
75-00-3	Chloroethane	ND		ND	nc		30
67-66-3	Chloroform	ND		ND	nc		30
74-87-3	Chloromethane	ND		ND	nc		30
95-49-8	o-Chlorotoluene	ND		ND	nc		30
106-43-4	p-Chlorotoluene	ND		ND	nc		30
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND	nc		30
124-48-1	Dibromochloromethane	ND		ND	nc		30
106-93-4	1,2-Dibromoethane	ND		ND	nc		30
95-50-1	1,2-Dichlorobenzene	ND		ND	nc		30
541-73-1	1,3-Dichlorobenzene	ND		ND	nc		30
106-46-7	1,4-Dichlorobenzene	ND		ND	nc		30
75-71-8	Dichlorodifluoromethane	ND		ND	nc		30
75-34-3	1,1-Dichloroethane	ND		ND	nc		30
107-06-2	1,2-Dichloroethane	ND		ND	nc		30
75-35-4	1,1-Dichloroethene	ND		ND	nc		30
156-59-2	cis-1,2-Dichloroethene	ND		ND	nc		30
156-60-5	trans-1,2-Dichloroethene	ND		ND	nc		30
78-87-5	1,2-Dichloropropane	ND		ND	nc		30
142-28-9	1,3-Dichloropropane	ND		ND	nc		30
594-20-7	2,2-Dichloropropane	ND		ND	nc		30
563-58-6	1,1-Dichloropropene	ND		ND	nc		30
10061-01-5	cis-1,3-Dichloropropene	ND		ND	nc		30
10061-02-6	trans-1,3-Dichloropropene	ND		ND	nc		30

* = Outside of Control Limits.

Duplicate Summary

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83492-2DUP	3C150005.D	1	03/02/19	PS	n/a	n/a	V3C6758
JC83492-2	3C149997.D	1	03/02/19	PS	n/a	n/a	V3C6758

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-1, JC83492-2, JC83492-3, JC83492-4, JC83492-7, JC83492-8, JC83492-9, JC83492-10, JC83492-11, JC83492-14, JC83492-15, JC83492-16, JC83492-17, JC83492-18, JC83492-21, JC83492-24, JC83492-25

CAS No.	Compound	JC83492-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
100-41-4	Ethylbenzene	ND	ND			nc	30
87-68-3	Hexachlorobutadiene	ND	ND			nc	30
98-82-8	Isopropylbenzene	ND	ND			nc	30
99-87-6	p-Isopropyltoluene	ND	ND			nc	30
1634-04-4	Methyl Tert Butyl Ether	ND	ND			nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND			nc	30
74-95-3	Methylene bromide	ND	ND			nc	30
75-09-2	Methylene chloride	ND	ND			nc	36
91-20-3	Naphthalene	ND	ND			nc	30
103-65-1	n-Propylbenzene	ND	ND			nc	30
100-42-5	Styrene	ND	ND			nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND			nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND			nc	30
127-18-4	Tetrachloroethene	ND	ND			nc	30
108-88-3	Toluene	ND	ND			nc	24
87-61-6	1,2,3-Trichlorobenzene	ND	ND			nc	30
120-82-1	1,2,4-Trichlorobenzene	ND	ND			nc	30
71-55-6	1,1,1-Trichloroethane	ND	ND			nc	30
79-00-5	1,1,2-Trichloroethane	ND	ND			nc	30
79-01-6	Trichloroethene	ND	ND			nc	30
75-69-4	Trichlorofluoromethane	ND	ND			nc	30
96-18-4	1,2,3-Trichloropropane	ND	ND			nc	30
95-63-6	1,2,4-Trimethylbenzene	ND	ND			nc	30
108-67-8	1,3,5-Trimethylbenzene	ND	ND			nc	30
75-01-4	Vinyl chloride	ND	ND			nc	30
	m,p-Xylene	ND	ND			nc	32
95-47-6	o-Xylene	ND	ND			nc	30
1330-20-7	Xylene (total)	ND	ND			nc	33

CAS No.	Surrogate Recoveries	DUP	JC83492-2	Limits
1868-53-7	Dibromofluoromethane	100%	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	100%	102%	75-130%
2037-26-5	Toluene-D8	100%	101%	80-120%
460-00-4	4-Bromofluorobenzene	104%	109%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 3

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-2DUP	3C150037.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-2 ^a	3C150027.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-22

CAS No.	Compound	JC83566-2 ug/kg	DUP Q ug/kg	Q	RPD	Limits
67-64-1	Acetone	52.6	40.6	26	40	
71-43-2	Benzene	ND	ND	nc	30	
108-86-1	Bromobenzene	ND	ND	nc	30	
74-97-5	Bromochloromethane	ND	ND	nc	30	
75-27-4	Bromodichloromethane	ND	ND	nc	30	
75-25-2	Bromoform	ND	ND	nc	30	
74-83-9	Bromomethane	ND	ND	nc	30	
78-93-3	2-Butanone (MEK)	ND	ND	nc	30	
104-51-8	n-Butylbenzene	ND	ND	nc	30	
135-98-8	sec-Butylbenzene	ND	ND	nc	30	
98-06-6	tert-Butylbenzene	ND	ND	nc	30	
56-23-5	Carbon tetrachloride	ND	ND	nc	30	
108-90-7	Chlorobenzene	ND	ND	nc	30	
75-00-3	Chloroethane	ND	ND	nc	30	
67-66-3	Chloroform	ND	ND	nc	30	
74-87-3	Chloromethane	ND	ND	nc	30	
95-49-8	o-Chlorotoluene	ND	ND	nc	30	
106-43-4	p-Chlorotoluene	ND	ND	nc	30	
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND	nc	30	
124-48-1	Dibromochloromethane	ND	ND	nc	30	
106-93-4	1,2-Dibromoethane	ND	ND	nc	30	
95-50-1	1,2-Dichlorobenzene	ND	ND	nc	30	
541-73-1	1,3-Dichlorobenzene	ND	ND	nc	30	
106-46-7	1,4-Dichlorobenzene	ND	ND	nc	30	
75-71-8	Dichlorodifluoromethane	ND	ND	nc	30	
75-34-3	1,1-Dichloroethane	ND	ND	nc	30	
107-06-2	1,2-Dichloroethane	ND	ND	nc	30	
75-35-4	1,1-Dichloroethene	ND	ND	nc	30	
156-59-2	cis-1,2-Dichloroethene	ND	ND	nc	30	
156-60-5	trans-1,2-Dichloroethene	ND	ND	nc	30	
78-87-5	1,2-Dichloropropane	ND	ND	nc	30	
142-28-9	1,3-Dichloropropane	ND	ND	nc	30	
594-20-7	2,2-Dichloropropane	ND	ND	nc	30	
563-58-6	1,1-Dichloropropene	ND	ND	nc	30	
10061-01-5	cis-1,3-Dichloropropene	ND	ND	nc	30	
10061-02-6	trans-1,3-Dichloropropene	ND	ND	nc	30	

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 3

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-2DUP	3C150037.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-2 ^a	3C150027.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-22

CAS No.	Compound	JC83566-2 ug/kg	DUP Q	Q	RPD	Limits
100-41-4	Ethylbenzene	ND	ND		nc	30
87-68-3	Hexachlorobutadiene	ND	ND		nc	30
98-82-8	Isopropylbenzene	ND	ND		nc	30
99-87-6	p-Isopropyltoluene	ND	ND		nc	30
1634-04-4	Methyl Tert Butyl Ether	ND	ND		nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND		nc	30
74-95-3	Methylene bromide	ND	ND		nc	30
75-09-2	Methylene chloride	ND	ND		nc	36
91-20-3	Naphthalene	ND	ND		nc	30
103-65-1	n-Propylbenzene	ND	ND		nc	30
100-42-5	Styrene	ND	ND		nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND		nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND		nc	30
127-18-4	Tetrachloroethene	ND	ND		nc	30
108-88-3	Toluene	ND	ND		nc	24
87-61-6	1,2,3-Trichlorobenzene	ND	ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND	ND		nc	30
71-55-6	1,1,1-Trichloroethane	ND	ND		nc	30
79-00-5	1,1,2-Trichloroethane	ND	ND		nc	30
79-01-6	Trichloroethene	ND	ND		nc	30
75-69-4	Trichlorofluoromethane	ND	ND		nc	30
96-18-4	1,2,3-Trichloropropane	ND	ND		nc	30
95-63-6	1,2,4-Trimethylbenzene	ND	ND		nc	30
108-67-8	1,3,5-Trimethylbenzene	ND	ND		nc	30
75-01-4	Vinyl chloride	7.9	ND		200* b	30
	m,p-Xylene	ND	ND		nc	32
95-47-6	o-Xylene	ND	ND		nc	30
1330-20-7	Xylene (total)	ND	ND		nc	33

CAS No.	Surrogate Recoveries	DUP	JC83566-2	Limits
1868-53-7	Dibromofluoromethane	108%	107%	75-127%
17060-07-0	1,2-Dichloroethane-D4	103%	109%	75-130%
2037-26-5	Toluene-D8	95%	96%	80-120%
460-00-4	4-Bromofluorobenzene	96%	96%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 3 of 3

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83566-2DUP	3C150037.D	1	03/04/19	PS	n/a	n/a	V3C6759
JC83566-2 ^a	3C150027.D	1	03/04/19	PS	n/a	n/a	V3C6759

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-22

(a) Sample was not frozen within 48 hours storage holding time.

(b) Outside control limits due to sample non-homogeneity.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 3

Job Number: JC83492**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83637-2DUP	1C162830.D	1	03/04/19	PS	n/a	n/a	V1C7155
JC83637-2	1C162820.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83492-23

CAS No.	Compound	JC83637-2 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
67-64-1	Acetone	70.4		109		43* a	40
71-43-2	Benzene	ND		ND		nc	30
108-86-1	Bromobenzene	ND		ND		nc	30
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	30
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	30
78-93-3	2-Butanone (MEK)	ND		ND		nc	30
104-51-8	n-Butylbenzene	ND		ND		nc	30
135-98-8	sec-Butylbenzene	ND		ND		nc	30
98-06-6	tert-Butylbenzene	ND		ND		nc	30
56-23-5	Carbon tetrachloride	ND		ND		nc	30
108-90-7	Chlorobenzene	ND		ND		nc	30
75-00-3	Chloroethane	ND		ND		nc	30
67-66-3	Chloroform	ND		ND		nc	30
74-87-3	Chloromethane	ND		ND		nc	30
95-49-8	o-Chlorotoluene	ND		ND		nc	30
106-43-4	p-Chlorotoluene	ND		ND		nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	30
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	30
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	30
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	30
107-06-2	1,2-Dichloroethane	ND		ND		nc	30
75-35-4	1,1-Dichloroethene	ND		ND		nc	30
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	30
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	30
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
142-28-9	1,3-Dichloropropane	ND		ND		nc	30
594-20-7	2,2-Dichloropropane	ND		ND		nc	30
563-58-6	1,1-Dichloropropene	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 3

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83637-2DUP	1C162830.D	1	03/04/19	PS	n/a	n/a	V1C7155
JC83637-2	1C162820.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-23

CAS No.	Compound	JC83637-2 ug/kg	DUP Q	Q	RPD	Limits
100-41-4	Ethylbenzene	ND	ND		nc	30
87-68-3	Hexachlorobutadiene	ND	ND		nc	30
98-82-8	Isopropylbenzene	ND	ND		nc	30
99-87-6	p-Isopropyltoluene	ND	ND		nc	30
1634-04-4	Methyl Tert Butyl Ether	ND	ND		nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND		nc	30
74-95-3	Methylene bromide	ND	ND		nc	30
75-09-2	Methylene chloride	ND	ND		nc	36
91-20-3	Naphthalene	ND	ND		nc	30
103-65-1	n-Propylbenzene	ND	ND		nc	30
100-42-5	Styrene	ND	ND		nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND		nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND		nc	30
127-18-4	Tetrachloroethene	ND	ND		nc	30
108-88-3	Toluene	ND	ND		nc	24
87-61-6	1,2,3-Trichlorobenzene	ND	ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND	ND		nc	30
71-55-6	1,1,1-Trichloroethane	ND	ND		nc	30
79-00-5	1,1,2-Trichloroethane	ND	ND		nc	30
79-01-6	Trichloroethene	ND	ND		nc	30
75-69-4	Trichlorofluoromethane	ND	ND		nc	30
96-18-4	1,2,3-Trichloropropane	ND	ND		nc	30
95-63-6	1,2,4-Trimethylbenzene	ND	ND		nc	30
108-67-8	1,3,5-Trimethylbenzene	ND	ND		nc	30
75-01-4	Vinyl chloride	ND	ND		nc	30
	m,p-Xylene	ND	ND		nc	32
95-47-6	o-Xylene	ND	ND		nc	30
1330-20-7	Xylene (total)	ND	ND		nc	33

CAS No.	Surrogate Recoveries	DUP	JC83637-2	Limits
1868-53-7	Dibromofluoromethane	98%	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	94%	98%	75-130%
2037-26-5	Toluene-D8	98%	96%	80-120%
460-00-4	4-Bromofluorobenzene	93%	92%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 3 of 3

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83637-2DUP	1C162830.D	1	03/04/19	PS	n/a	n/a	V1C7155
JC83637-2	1C162820.D	1	03/04/19	PS	n/a	n/a	V1C7155

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-23

(a) High RPD due to possible sample nonhomogeneity.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 3

Job Number: JC83492**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84266-11DUP	1C163031.D	1	03/14/19	PS	n/a	n/a	V1C7164
JC84266-11	1C163026.D	1	03/14/19	PS	n/a	n/a	V1C7164

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83492-19R, JC83492-20R

CAS No.	Compound	JC84266-11		DUP		Q	RPD	Limits
		ug/kg	Q	ug/kg	Q			
67-64-1	Acetone	4.8	J	ND			200* a	40
71-43-2	Benzene	ND		ND			nc	30
108-86-1	Bromobenzene	ND		ND			nc	30
74-97-5	Bromochloromethane	ND		ND			nc	30
75-27-4	Bromodichloromethane	ND		ND			nc	30
75-25-2	Bromoform	ND		ND			nc	30
74-83-9	Bromomethane	ND		ND			nc	30
78-93-3	2-Butanone (MEK)	ND		ND			nc	30
104-51-8	n-Butylbenzene	ND		ND			nc	30
135-98-8	sec-Butylbenzene	ND		ND			nc	30
98-06-6	tert-Butylbenzene	ND		ND			nc	30
56-23-5	Carbon tetrachloride	ND		ND			nc	30
108-90-7	Chlorobenzene	ND		ND			nc	30
75-00-3	Chloroethane	ND		ND			nc	30
67-66-3	Chloroform	ND		ND			nc	30
74-87-3	Chloromethane	ND		ND			nc	30
95-49-8	o-Chlorotoluene	ND		ND			nc	30
106-43-4	p-Chlorotoluene	ND		ND			nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND			nc	30
124-48-1	Dibromochloromethane	ND		ND			nc	30
106-93-4	1,2-Dibromoethane	ND		ND			nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND			nc	30
541-73-1	1,3-Dichlorobenzene	ND		ND			nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND			nc	30
75-71-8	Dichlorodifluoromethane	ND		ND			nc	30
75-34-3	1,1-Dichloroethane	ND		ND			nc	30
107-06-2	1,2-Dichloroethane	ND		ND			nc	30
75-35-4	1,1-Dichloroethene	ND		ND			nc	30
156-59-2	cis-1,2-Dichloroethene	ND		ND			nc	30
156-60-5	trans-1,2-Dichloroethene	ND		ND			nc	30
78-87-5	1,2-Dichloropropane	ND		ND			nc	30
142-28-9	1,3-Dichloropropane	ND		ND			nc	30
594-20-7	2,2-Dichloropropane	ND		ND			nc	30
563-58-6	1,1-Dichloropropene	ND		ND			nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND			nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND			nc	30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 3

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84266-11DUP	1C163031.D	1	03/14/19	PS	n/a	n/a	V1C7164
JC84266-11	1C163026.D	1	03/14/19	PS	n/a	n/a	V1C7164

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-19R, JC83492-20R

CAS No.	Compound	JC84266-11 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
100-41-4	Ethylbenzene	ND		ND		nc	30
87-68-3	Hexachlorobutadiene	ND		ND		nc	30
98-82-8	Isopropylbenzene	ND		ND		nc	30
99-87-6	p-Isopropyltoluene	ND		ND		nc	30
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	30
74-95-3	Methylene bromide	ND		ND		nc	30
75-09-2	Methylene chloride	ND		ND		nc	36
91-20-3	Naphthalene	ND		ND		nc	30
103-65-1	n-Propylbenzene	ND		ND		nc	30
100-42-5	Styrene	ND		ND		nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	30
127-18-4	Tetrachloroethene	ND		ND		nc	30
108-88-3	Toluene	ND		ND		nc	24
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	30
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	30
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	30
79-01-6	Trichloroethene	ND		ND		nc	30
75-69-4	Trichlorofluoromethane	ND		ND		nc	30
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	30
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	30
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	30
75-01-4	Vinyl chloride	ND		ND		nc	30
	m,p-Xylene	ND		ND		nc	32
95-47-6	o-Xylene	ND		ND		nc	30
1330-20-7	Xylene (total)	ND		ND		nc	33

CAS No.	Surrogate Recoveries	DUP	JC84266-11	Limits
1868-53-7	Dibromofluoromethane	97%	96%	75-127%
17060-07-0	1,2-Dichloroethane-D4	103%	100%	75-130%
2037-26-5	Toluene-D8	98%	97%	80-120%
460-00-4	4-Bromofluorobenzene	91%	91%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 3 of 3

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84266-11DUP	1C163031.D	1	03/14/19	PS	n/a	n/a	V1C7164
JC84266-11	1C163026.D	1	03/14/19	PS	n/a	n/a	V1C7164

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83492-19R, JC83492-20R

(a) RPD acceptable due to low DUP and sample concentrations.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7060-BFB
Lab File ID: 1C160437.D
Instrument ID: GCMS1C
Injection Date: 11/03/18
Injection Time: 16:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	8643	16.6	Pass
75	30.0 - 60.0% of mass 95	23272	44.6	Pass
95	Base peak, 100% relative abundance	52165	100.0	Pass
96	5.0 - 9.0% of mass 95	3538	6.78	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	48832	93.6	Pass
175	5.0 - 9.0% of mass 174	3792	7.27 (7.77) ^a	Pass
176	95.0 - 101.0% of mass 174	47341	90.8 (96.9) ^a	Pass
177	5.0 - 9.0% of mass 176	3096	5.94 (6.54) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7060-IC7060	1C160438.D	11/03/18	16:58	00:31	Initial cal 0.5
V1C7060-IC7060	1C160439.D	11/03/18	17:25	00:58	Initial cal 1
V1C7060-IC7060	1C160440.D	11/03/18	17:52	01:25	Initial cal 2
V1C7060-IC7060	1C160441.D	11/03/18	18:18	01:51	Initial cal 4
V1C7060-IC7060	1C160442.D	11/03/18	18:44	02:17	Initial cal 8
V1C7060-IC7060	1C160443.D	11/03/18	19:11	02:44	Initial cal 20
V1C7060-ICC7060	1C160444.D	11/03/18	19:37	03:10	Initial cal 50
V1C7060-IC7060	1C160445.D	11/03/18	20:04	03:37	Initial cal 100
V1C7060-IC7060	1C160446.D	11/03/18	20:30	04:03	Initial cal 200
V1C7060-ICV7060	1C160449.D	11/03/18	21:50	05:23	Initial cal verification 50
V1C7060-ICV7060	1C160450.D	11/03/18	22:16	05:49	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7155-BFB
Lab File ID: 1C162815.D
Instrument ID: GCMS1C
Injection Date: 03/04/19
Injection Time: 09:26

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	12394	17.2	Pass
75	30.0 - 60.0% of mass 95	32936	45.8	Pass
95	Base peak, 100% relative abundance	71939	100.0	Pass
96	5.0 - 9.0% of mass 95	4699	6.53	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	71232	99.0	Pass
175	5.0 - 9.0% of mass 174	5586	7.76 (7.84) ^a	Pass
176	95.0 - 101.0% of mass 174	68893	95.8 (96.7) ^a	Pass
177	5.0 - 9.0% of mass 176	4561	6.34 (6.62) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7155-CC7060	1C162815.D	03/04/19	09:26	00:00	Continuing cal 50
V1C7155-BS	1C162816.D	03/04/19	10:02	00:36	Blank Spike
V1C7155-MB	1C162818.D	03/04/19	11:02	01:36	Method Blank
JC83637-1	1C162819.D	03/04/19	11:28	02:02	(used for QC only; not part of job JC83492)
JC83637-2	1C162820.D	03/04/19	11:55	02:29	(used for QC only; not part of job JC83492)
ZZZZZZ	1C162821.D	03/04/19	12:22	02:56	(unrelated sample)
ZZZZZZ	1C162822.D	03/04/19	12:49	03:23	(unrelated sample)
ZZZZZZ	1C162823.D	03/04/19	13:16	03:50	(unrelated sample)
ZZZZZZ	1C162824.D	03/04/19	13:43	04:17	(unrelated sample)
ZZZZZZ	1C162825.D	03/04/19	14:10	04:44	(unrelated sample)
ZZZZZZ	1C162826.D	03/04/19	14:37	05:11	(unrelated sample)
ZZZZZZ	1C162827.D	03/04/19	15:04	05:38	(unrelated sample)
ZZZZZZ	1C162828.D	03/04/19	15:31	06:05	(unrelated sample)
JC83637-1MS	1C162829.D	03/04/19	16:18	06:52	Matrix Spike
JC83637-2DUP	1C162830.D	03/04/19	16:45	07:19	Duplicate
JC83492-23	1C162831.D	03/04/19	17:12	07:46	SAP-60(16)
ZZZZZZ	1C162832.D	03/04/19	17:39	08:13	(unrelated sample)
ZZZZZZ	1C162833.D	03/04/19	18:06	08:40	(unrelated sample)
ZZZZZZ	1C162834.D	03/04/19	18:33	09:07	(unrelated sample)
ZZZZZZ	1C162835.D	03/04/19	19:00	09:34	(unrelated sample)
ZZZZZZ	1C162838.D	03/04/19	20:21	10:55	(unrelated sample)
ZZZZZZ	1C162839.D	03/04/19	20:48	11:22	(unrelated sample)
ZZZZZZ	1C162840.D	03/04/19	21:15	11:49	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V1C7164-BFB
Lab File ID: 1C163019.D
Instrument ID: GCMS1C
Injection Date: 03/14/19
Injection Time: 10:00

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	9561	17.7	Pass
75	30.0 - 60.0% of mass 95	25261	46.9	Pass
95	Base peak, 100% relative abundance	53875	100.0	Pass
96	5.0 - 9.0% of mass 95	3728	6.92	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	51971	96.5	Pass
175	5.0 - 9.0% of mass 174	4214	7.82 (8.11) ^a	Pass
176	95.0 - 101.0% of mass 174	50227	93.2 (96.6) ^a	Pass
177	5.0 - 9.0% of mass 176	3438	6.38 (6.84) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C7164-CC7060	1C163019.D	03/14/19	10:00	00:00	Continuing cal 20
V1C7164-BS	1C163021.D	03/14/19	11:11	01:11	Blank Spike
V1C7164-MB	1C163023.D	03/14/19	12:14	02:14	Method Blank
JC84266-6	1C163025.D	03/14/19	13:07	03:07	(used for QC only; not part of job JC83492)
JC84266-11	1C163026.D	03/14/19	13:33	03:33	(used for QC only; not part of job JC83492)
ZZZZZZ	1C163027.D	03/14/19	13:59	03:59	(unrelated sample)
ZZZZZZ	1C163028.D	03/14/19	14:26	04:26	(unrelated sample)
JC84266-6MS	1C163029.D	03/14/19	14:52	04:52	Matrix Spike
JC84266-11DUP	1C163031.D	03/14/19	15:45	05:45	Duplicate
JC83492-19R	1C163032.D	03/14/19	16:11	06:11	SAP-65(20)
JC83492-20R	1C163033.D	03/14/19	16:38	06:38	SAP-65(24)
ZZZZZZ	1C163035.D	03/14/19	17:31	07:31	(unrelated sample)
ZZZZZZ	1C163036.D	03/14/19	17:57	07:57	(unrelated sample)
ZZZZZZ	1C163037.D	03/14/19	18:24	08:24	(unrelated sample)
ZZZZZZ	1C163038.D	03/14/19	18:50	08:50	(unrelated sample)
ZZZZZZ	1C163039.D	03/14/19	19:17	09:17	(unrelated sample)
ZZZZZZ	1C163040.D	03/14/19	19:43	09:43	(unrelated sample)
ZZZZZZ	1C163041.D	03/14/19	20:10	10:10	(unrelated sample)
ZZZZZZ	1C163042.D	03/14/19	20:36	10:36	(unrelated sample)
ZZZZZZ	1C163043.D	03/14/19	21:03	11:03	(unrelated sample)
ZZZZZZ	1C163044.D	03/14/19	21:29	11:29	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V3C6743-BFB
Lab File ID: 3C149621.D
Instrument ID: GCMS3C
Injection Date: 02/13/19
Injection Time: 17:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	20405	18.6	Pass
75	30.0 - 60.0% of mass 95	53912	49.2	Pass
95	Base peak, 100% relative abundance	109629	100.0	Pass
96	5.0 - 9.0% of mass 95	7437	6.78	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	102597	93.6	Pass
175	5.0 - 9.0% of mass 174	7596	6.93 (7.40) ^a	Pass
176	95.0 - 101.0% of mass 174	99168	90.5 (96.7) ^a	Pass
177	5.0 - 9.0% of mass 176	6330	5.77 (6.38) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3C6743-IC6743	3C149623.D	02/13/19	18:33	01:06	Initial cal 0.5
V3C6743-IC6743	3C149624.D	02/13/19	18:56	01:29	Initial cal 1
V3C6743-IC6743	3C149628.D	02/13/19	20:29	03:02	Initial cal 2
V3C6743-IC6743	3C149629.D	02/13/19	20:52	03:25	Initial cal 4
V3C6743-IC6743	3C149630.D	02/13/19	21:15	03:48	Initial cal 8
V3C6743-IC6743	3C149631.D	02/13/19	21:39	04:12	Initial cal 20
V3C6743-ICC6743	3C149632.D	02/13/19	22:02	04:35	Initial cal 50
V3C6743-IC6743	3C149633.D	02/13/19	22:25	04:58	Initial cal 100
V3C6743-IC6743	3C149634.D	02/13/19	22:48	05:21	Initial cal 200
V3C6743-ICV6743	3C149637.D	02/13/19	23:59	06:32	Initial cal verification 50
V3C6743-ICV6743	3C149638.D	02/14/19	00:23	06:56	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V3C6758-BFB
Lab File ID: 3C149992.D
Instrument ID: GCMS3C
Injection Date: 03/02/19
Injection Time: 12:05

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	17037	17.2	Pass
75	30.0 - 60.0% of mass 95	47192	47.6	Pass
95	Base peak, 100% relative abundance	99166	100.0	Pass
96	5.0 - 9.0% of mass 95	6576	6.63	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	98323	99.1	Pass
175	5.0 - 9.0% of mass 174	7144	7.20 (7.27) ^a	Pass
176	95.0 - 101.0% of mass 174	97034	97.9 (98.7) ^a	Pass
177	5.0 - 9.0% of mass 176	6381	6.43 (6.58) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3C6758-CC6743	3C149992.D	03/02/19	12:05	00:00	Continuing cal 50
V3C6758-BS	3C149993.D	03/02/19	12:38	00:33	Blank Spike
V3C6758-MB	3C149995.D	03/02/19	13:36	01:31	Method Blank
JC83492-1	3C149996.D	03/02/19	13:59	01:54	SAP-66(3)
JC83492-2	3C149997.D	03/02/19	14:23	02:18	SAP-66(8)
JC83492-3	3C149998.D	03/02/19	14:46	02:41	SAP-66(12)
JC83492-4	3C149999.D	03/02/19	15:09	03:04	SAP-66(16)
JC83492-7	3C150000.D	03/02/19	15:33	03:28	SAP-67(0)
JC83492-8	3C150001.D	03/02/19	15:56	03:51	SAP-67(4)
JC83492-9	3C150002.D	03/02/19	16:20	04:15	SAP-67(8)
JC83492-1MS	3C150003.D	03/02/19	16:43	04:38	Matrix Spike
JC83492-2DUP	3C150005.D	03/02/19	17:29	05:24	Duplicate
JC83492-10	3C150006.D	03/02/19	17:53	05:48	SAP-67(12)
JC83492-11	3C150007.D	03/02/19	18:16	06:11	SAP-67(16)
JC83492-14	3C150008.D	03/02/19	18:39	06:34	SAP-65(0)
JC83492-15	3C150009.D	03/02/19	19:02	06:57	SAP-65(4)
JC83492-16	3C150010.D	03/02/19	19:26	07:21	SAP-65(8)
JC83492-17	3C150011.D	03/02/19	19:49	07:44	SAP-65(12)
JC83492-18	3C150012.D	03/02/19	20:12	08:07	SAP-65(16)
JC83492-21	3C150013.D	03/02/19	20:35	08:30	SAP-61(28)
JC83492-24	3C150016.D	03/02/19	21:45	09:40	SAP-60(20)
JC83492-25	3C150017.D	03/02/19	22:08	10:03	DUP-1
ZZZZZ	3C150018.D	03/02/19	22:31	10:26	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V3C6759-BFB
Lab File ID: 3C150022.D
Instrument ID: GCMS3C
Injection Date: 03/04/19
Injection Time: 08:42

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	16479	17.2	Pass
75	30.0 - 60.0% of mass 95	45450	47.5	Pass
95	Base peak, 100% relative abundance	95595	100.0	Pass
96	5.0 - 9.0% of mass 95	6452	6.75	Pass
173	Less than 2.0% of mass 174	94	0.10 (0.10) ^a	Pass
174	50.0 - 120.0% of mass 95	96790	101.3	Pass
175	5.0 - 9.0% of mass 174	7152	7.48 (7.39) ^a	Pass
176	95.0 - 101.0% of mass 174	93970	98.3 (97.1) ^a	Pass
177	5.0 - 9.0% of mass 176	6273	6.56 (6.68) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3C6759-CC6743	3C150022.D	03/04/19	08:42	00:00	Continuing cal 50
V3C6759-BS	3C150023.D	03/04/19	09:18	00:36	Blank Spike
V3C6759-MB	3C150025.D	03/04/19	10:13	01:31	Method Blank
ZZZZZZ	3C150025A.D	03/04/19	10:13	01:31	(unrelated sample)
JC83566-1	3C150026.D	03/04/19	10:37	01:55	(used for QC only; not part of job JC83492)
JC83566-2	3C150027.D	03/04/19	11:00	02:18	(used for QC only; not part of job JC83492)
ZZZZZZ	3C150028.D	03/04/19	11:23	02:41	(unrelated sample)
ZZZZZZ	3C150029.D	03/04/19	11:46	03:04	(unrelated sample)
ZZZZZZ	3C150030.D	03/04/19	12:10	03:28	(unrelated sample)
ZZZZZZ	3C150031.D	03/04/19	12:33	03:51	(unrelated sample)
ZZZZZZ	3C150032.D	03/04/19	12:56	04:14	(unrelated sample)
ZZZZZZ	3C150033.D	03/04/19	13:19	04:37	(unrelated sample)
ZZZZZZ	3C150034.D	03/04/19	13:43	05:01	(unrelated sample)
ZZZZZZ	3C150035.D	03/04/19	14:06	05:24	(unrelated sample)
JC83566-1MS	3C150036.D	03/04/19	14:29	05:47	Matrix Spike
JC83566-2DUP	3C150037.D	03/04/19	14:53	06:11	Duplicate
ZZZZZZ	3C150038.D	03/04/19	15:16	06:34	(unrelated sample)
ZZZZZZ	3C150039.D	03/04/19	15:39	06:57	(unrelated sample)
ZZZZZZ	3C150040.D	03/04/19	16:02	07:20	(unrelated sample)
JC83492-22	3C150041.D	03/04/19	16:26	07:44	SAP-60(12)
ZZZZZZ	3C150042.D	03/04/19	16:49	08:07	(unrelated sample)
ZZZZZZ	3C150043.D	03/04/19	17:12	08:30	(unrelated sample)
ZZZZZZ	3C150046.D	03/04/19	18:22	09:40	(unrelated sample)
ZZZZZZ	3C150047.D	03/04/19	18:46	10:04	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample:	V3C6759-BFB	Injection Date:	03/04/19
Lab File ID:	3C150022.D	Injection Time:	08:42
Instrument ID:	GCMS3C		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	3C150048.D	03/04/19	19:09	10:27	(unrelated sample)
ZZZZZZ	3C150049.D	03/04/19	19:32	10:50	(unrelated sample)
ZZZZZZ	3C150050.D	03/04/19	19:56	11:14	(unrelated sample)

5.6.6
5

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10552-BFB
Lab File ID: D261493.D
Instrument ID: GCMSD
Injection Date: 01/10/19
Injection Time: 18:32

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	12541	17.8	Pass
75	30.0 - 60.0% of mass 95	33480	47.6	Pass
95	Base peak, 100% relative abundance	70402	100.0	Pass
96	5.0 - 9.0% of mass 95	4644	6.60	Pass
173	Less than 2.0% of mass 174	284	0.40 (0.48) ^a	Pass
174	50.0 - 150.0% of mass 95	58992	83.8	Pass
175	5.0 - 9.0% of mass 174	4190	5.95 (7.10) ^a	Pass
176	95.0 - 101.0% of mass 174	57453	81.6 (97.4) ^a	Pass
177	5.0 - 9.0% of mass 176	3835	5.45 (6.68) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10552-IC10552	D261495.D	01/10/19	19:42	01:10	Initial cal 0.5
VD10552-IC10552	D261496.D	01/10/19	20:10	01:38	Initial cal 1
VD10552-IC10552	D261497.D	01/10/19	20:39	02:07	Initial cal 2
VD10552-IC10552	D261498.D	01/10/19	21:08	02:36	Initial cal 4
VD10552-IC10552	D261499.D	01/10/19	21:36	03:04	Initial cal 8
VD10552-IC10552	D261500.D	01/10/19	22:05	03:33	Initial cal 20
VD10552-ICC10552	D261501.D	01/10/19	22:34	04:02	Initial cal 50
VD10552-IC10552	D261502.D	01/10/19	23:02	04:30	Initial cal 100
VD10552-IC10552	D261503.D	01/10/19	23:31	04:59	Initial cal 200
VD10552-ICV10552	D261506.D	01/11/19	00:57	06:25	Initial cal verification 50
VD10552-ICV10552	D261507.D	01/11/19	01:26	06:54	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10601-BFB
Lab File ID: D262841.D
Instrument ID: GCMSD
Injection Date: 03/07/19
Injection Time: 07:36

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	14722	18.6	Pass
75	30.0 - 60.0% of mass 95	38144	48.2	Pass
95	Base peak, 100% relative abundance	79115	100.0	Pass
96	5.0 - 9.0% of mass 95	5048	6.38	Pass
173	Less than 2.0% of mass 174	429	0.54 (0.60) ^a	Pass
174	50.0 - 150.0% of mass 95	70941	89.7	Pass
175	5.0 - 9.0% of mass 174	5163	6.53 (7.28) ^a	Pass
176	95.0 - 101.0% of mass 174	68827	87.0 (97.0) ^a	Pass
177	5.0 - 9.0% of mass 176	4686	5.92 (6.81) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10601-CC10552	D262841.D	03/07/19	07:36	00:00	Continuing cal 50
VD10601-BS	D262842.D	03/07/19	08:12	00:36	Blank Spike
ZZZZZZ	D262844A.D	03/07/19	09:10	01:34	(unrelated sample)
VD10601-MB	D262844.D	03/07/19	09:10	01:34	Method Blank
ZZZZZZ	D262845.D	03/07/19	09:39	02:03	(unrelated sample)
JC83237-14	D262846.D	03/07/19	10:08	02:32	(used for QC only; not part of job JC83492)
JC83237-14	D262847.D	03/07/19	10:40	03:04	(used for QC only; not part of job JC83492)
JC83237-14MS	D262848.D	03/07/19	11:09	03:33	Matrix Spike
JC83237-14MSD	D262849.D	03/07/19	11:38	04:02	Matrix Spike Duplicate
JC83492-21	D262852.D	03/07/19	13:05	05:29	SAP-61(28)
ZZZZZZ	D262853.D	03/07/19	13:34	05:58	(unrelated sample)
ZZZZZZ	D262854.D	03/07/19	14:02	06:26	(unrelated sample)
ZZZZZZ	D262855.D	03/07/19	14:32	06:56	(unrelated sample)
ZZZZZZ	D262856.D	03/07/19	15:00	07:24	(unrelated sample)
ZZZZZZ	D262857.D	03/07/19	15:29	07:53	(unrelated sample)
ZZZZZZ	D262858.D	03/07/19	15:59	08:23	(unrelated sample)
ZZZZZZ	D262859.D	03/07/19	16:28	08:52	(unrelated sample)
ZZZZZZ	D262860.D	03/07/19	16:57	09:21	(unrelated sample)
ZZZZZZ	D262863.D	03/07/19	18:23	10:47	(unrelated sample)
ZZZZZZ	D262864.D	03/07/19	18:52	11:16	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10606-BFB
Lab File ID: D263009.D
Instrument ID: GCMSD
Injection Date: 03/14/19
Injection Time: 17:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	14132	19.5	Pass
75	30.0 - 60.0% of mass 95	36037	49.8	Pass
95	Base peak, 100% relative abundance	72394	100.0	Pass
96	5.0 - 9.0% of mass 95	4865	6.72	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	59349	82.0	Pass
175	5.0 - 9.0% of mass 174	4244	5.86 (7.15) ^a	Pass
176	95.0 - 101.0% of mass 174	58248	80.5 (98.1) ^a	Pass
177	5.0 - 9.0% of mass 176	3842	5.31 (6.60) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10606-IC10606	D263011.D	03/14/19	18:32	01:05	Initial cal 0.5
VD10606-IC10606	D263012.D	03/14/19	19:01	01:34	Initial cal 1
VD10606-IC10606	D263013.D	03/14/19	19:30	02:03	Initial cal 2
VD10606-IC10606	D263014.D	03/14/19	19:58	02:31	Initial cal 4
VD10606-IC10606	D263015.D	03/14/19	20:27	03:00	Initial cal 8
VD10606-IC10606	D263016.D	03/14/19	20:56	03:29	Initial cal 20
VD10606-ICC10606	D263017.D	03/14/19	21:25	03:58	Initial cal 50
VD10606-IC10606	D263018.D	03/14/19	21:54	04:27	Initial cal 100
VD10606-IC10606	D263019.D	03/14/19	22:23	04:56	Initial cal 200
VD10606-ICV10606	D263022.D	03/14/19	23:49	06:22	Initial cal verification 50
VD10606-ICV10606	D263023.D	03/15/19	00:18	06:51	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10608-BFB
Lab File ID: D263055.D
Instrument ID: GCMSD
Injection Date: 03/18/19
Injection Time: 08:38

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	14858	18.9	Pass
75	30.0 - 60.0% of mass 95	38053	48.3	Pass
95	Base peak, 100% relative abundance	78704	100.0	Pass
96	5.0 - 9.0% of mass 95	5435	6.91	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	64859	82.4	Pass
175	5.0 - 9.0% of mass 174	4850	6.16 (7.48) ^a	Pass
176	95.0 - 101.0% of mass 174	62997	80.0 (97.1) ^a	Pass
177	5.0 - 9.0% of mass 176	4199	5.34 (6.67) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10608-CC10606	D263055.D	03/18/19	08:38	00:00	Continuing cal 50
VD10608-BS	D263056.D	03/18/19	09:08	00:30	Blank Spike
VD10608-MB	D263058.D	03/18/19	10:06	01:28	Method Blank
ZZZZZZ	D263058.D	03/18/19	10:06	01:28	(unrelated sample)
JC84466-1	D263059.D	03/18/19	10:35	01:57	(used for QC only; not part of job JC83492)
ZZZZZZ	D263061.D	03/18/19	11:32	02:54	(unrelated sample)
JC84466-1MS	D263062.D	03/18/19	12:01	03:23	Matrix Spike
JC84466-1MSD	D263063.D	03/18/19	12:29	03:51	Matrix Spike Duplicate
ZZZZZZ	D263066.D	03/18/19	13:56	05:18	(unrelated sample)
ZZZZZZ	D263067.D	03/18/19	14:25	05:47	(unrelated sample)
ZZZZZZ	D263068.D	03/18/19	14:53	06:15	(unrelated sample)
JC83492-19R	D263071.D	03/18/19	16:20	07:42	SAP-65(20)
ZZZZZZ	D263072.D	03/18/19	16:48	08:10	(unrelated sample)
ZZZZZZ	D263073.D	03/18/19	17:17	08:39	(unrelated sample)
ZZZZZZ	D263074.D	03/18/19	17:45	09:07	(unrelated sample)
ZZZZZZ	D263075.D	03/18/19	18:14	09:36	(unrelated sample)
ZZZZZZ	D263076.D	03/18/19	18:43	10:05	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VE10947-BFB
Lab File ID: E255095.D
Instrument ID: GCMSE
Injection Date: 10/16/18
Injection Time: 16:54

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	12870	20.9	Pass
75	30.0 - 60.0% of mass 95	30506	49.6	Pass
95	Base peak, 100% relative abundance	61464	100.0	Pass
96	5.0 - 9.0% of mass 95	4202	6.84	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	50365	81.9	Pass
175	5.0 - 9.0% of mass 174	3948	6.42 (7.84) ^a	Pass
176	95.0 - 101.0% of mass 174	49237	80.1 (97.8) ^a	Pass
177	5.0 - 9.0% of mass 176	3434	5.59 (6.97) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE10947-IC10947	E255096.D	10/16/18	18:20	01:26	Initial cal 0.2
VE10947-IC10947	E255097.D	10/16/18	18:49	01:55	Initial cal 0.5
VE10947-IC10947	E255098.D	10/16/18	19:20	02:26	Initial cal 1
VE10947-IC10947	E255099.D	10/16/18	19:50	02:56	Initial cal 2
VE10947-IC10947	E255100.D	10/16/18	20:20	03:26	Initial cal 4
VE10947-IC10947	E255101.D	10/16/18	20:51	03:57	Initial cal 8
VE10947-IC10947	E255102.D	10/16/18	21:21	04:27	Initial cal 20
VE10947-ICC10947	E255103.D	10/16/18	21:51	04:57	Initial cal 50
VE10947-IC10947	E255104.D	10/16/18	22:22	05:28	Initial cal 100
VE10947-IC10947	E255105.D	10/16/18	22:52	05:58	Initial cal 200
VE10947-ICV10947	E255108.D	10/17/18	00:23	07:29	Initial cal verification 50
VE10947-ICV10947	E255109.D	10/17/18	00:53	07:59	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VE10947-BFB2
Lab File ID: E255111.D
Instrument ID: GCMSE
Injection Date: 10/18/18
Injection Time: 09:49

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	10708	19.7	Pass
75	30.0 - 60.0% of mass 95	26642	49.0	Pass
95	Base peak, 100% relative abundance	54349	100.0	Pass
96	5.0 - 9.0% of mass 95	3547	6.53	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	46552	85.7	Pass
175	5.0 - 9.0% of mass 174	3386	6.23 (7.27) ^a	Pass
176	95.0 - 101.0% of mass 174	46277	85.1 (99.4) ^a	Pass
177	5.0 - 9.0% of mass 176	3075	5.66 (6.64) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE10947-ICV10947	E255112.D	10/18/18	10:30	00:41	Initial cal verification 50
VE10947-ICV10947	E255113.D	10/18/18	11:01	01:12	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83492
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VE11043-BFB
Lab File ID: E257644.D
Instrument ID: GCMSE
Injection Date: 03/05/19
Injection Time: 09:03

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	11230	18.9	Pass
75	30.0 - 60.0% of mass 95	28592	48.2	Pass
95	Base peak, 100% relative abundance	59352	100.0	Pass
96	5.0 - 9.0% of mass 95	3904	6.58	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	52139	87.8	Pass
175	5.0 - 9.0% of mass 174	4095	6.90 (7.85) ^a	Pass
176	95.0 - 101.0% of mass 174	52131	87.8 (100.0) ^a	Pass
177	5.0 - 9.0% of mass 176	3459	5.83 (6.64) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE11043-CC10947	E257644.D	03/05/19	09:03	00:00	Continuing cal 20
VE11043-BS	E257645.D	03/05/19	09:46	00:43	Blank Spike
ZZZZZZ	E257647A.D	03/05/19	11:07	02:04	(unrelated sample)
VE11043-MB	E257647.D	03/05/19	11:07	02:04	Method Blank
JC83581-1	E257648.D	03/05/19	12:38	03:35	(used for QC only; not part of job JC83492)
ZZZZZZ	E257649.D	03/05/19	13:09	04:06	(unrelated sample)
ZZZZZZ	E257650.D	03/05/19	13:40	04:37	(unrelated sample)
ZZZZZZ	E257651.D	03/05/19	14:12	05:09	(unrelated sample)
ZZZZZZ	E257652.D	03/05/19	14:43	05:40	(unrelated sample)
JC83581-1MS	E257653.D	03/05/19	15:14	06:11	Matrix Spike
JC83581-1MSD	E257654.D	03/05/19	15:45	06:42	Matrix Spike Duplicate
JC83492-18	E257656.D	03/05/19	16:47	07:44	SAP-65(16)
JC83492-21	E257657.D	03/05/19	18:09	09:06	SAP-61(28)
ZZZZZZ	E257658.D	03/05/19	18:39	09:36	(unrelated sample)
ZZZZZZ	E257659.D	03/05/19	19:10	10:07	(unrelated sample)
ZZZZZZ	E257661.D	03/05/19	20:13	11:10	(unrelated sample)
ZZZZZZ	E257662.D	03/05/19	20:44	11:41	(unrelated sample)

Surrogate Recovery Summary

Page 1 of 2

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC83492-1	3C149996.D	101	106	97	99
JC83492-2	3C149997.D	100	102	101	109
JC83492-3	3C149998.D	99	103	99	99
JC83492-4	3C149999.D	99	102	101	107
JC83492-7	3C150000.D	101	103	97	98
JC83492-8	3C150001.D	100	104	97	97
JC83492-9	3C150002.D	100	100	98	99
JC83492-10	3C150006.D	101	104	99	103
JC83492-11	3C150007.D	101	102	98	98
JC83492-14	3C150008.D	86	99	98	98
JC83492-15	3C150009.D	100	101	98	97
JC83492-16	3C150010.D	101	101	97	97
JC83492-17	3C150011.D	99	100	98	98
JC83492-18	E257656.D	96	92	95	104
JC83492-18	3C150012.D	100	99	98	97
JC83492-21	3C150013.D	102	102	100	108
JC83492-21	E257657.D	97	92	95	105
JC83492-21	D262852.D	97	112	99	103
JC83492-22	3C150041.D	106	100	96	98
JC83492-23	1C162831.D	102	96	96	93
JC83492-24	3C150016.D	103	103	98	97
JC83492-25	3C150017.D	102	105	97	98
JC83492-19R	1C163032.D	97	103	100	98
JC83492-19R	D263071.D	95	95	98	100
JC83492-20R	1C163033.D	97	104	99	93
JC83237-14MS	D262848.D	98	111	102	163* a
JC83237-14MSD	D262849.D	96	111	102	158* a
JC83492-1MS	3C150003.D	100	97	98	99
JC83492-2DUP	3C150005.D	100	100	100	104
JC83566-1MS	3C150036.D	106	96	99	98
JC83566-2DUP	3C150037.D	108	103	95	96
JC83581-1MS	E257653.D	97	98	95	104
JC83581-1MSD	E257654.D	96	97	95	105
JC83637-1MS	1C162829.D	99	90	96	93
JC83637-2DUP	1C162830.D	98	94	98	93
JC84266-11DUP	1C163031.D	97	103	98	91
JC84266-6MS	1C163029.D	94	93	98	90
JC84466-1MS	D263062.D	95	96	102	93
JC84466-1MSD	D263063.D	96	96	102	93
V1C7155-BS	1C162816.D	94	90	96	94

Surrogate Recovery Summary

Page 2 of 2

Job Number: JC83492

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
V1C7155-MB	1C162818.D	96	92	96	92
V1C7164-BS	1C163021.D	92	94	98	92
V1C7164-MB	1C163023.D	90	91	99	92
V3C6758-BS	3C149993.D	98	100	99	99
V3C6758-MB	3C149995.D	97	97	98	99
V3C6759-BS	3C150023.D	101	100	98	96
V3C6759-MB	3C150025.D	98	95	98	97
VD10601-BS	D262842.D	103	115	102	96
VD10601-MB	D262844.D	96	116	100	99
VD10608-BS	D263056.D	100	97	101	93
VD10608-MB	D263058.D	96	98	97	101
VE11043-BS	E257645.D	97	97	95	107
VE11043-MB	E257647.D	97	91	95	105

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane	75-127%
S2 = 1,2-Dichloroethane-D4	75-130%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	79-127%

(a) Outside control limits due to matrix interference.

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Arcadis

GE, 13th Street, Tell City, IN

ALL00911.0017

SGS Job Number: JC83727R

Sampling Date: 02/28/19

Report to:

Arcadis
150 West Market Suite 728
Indianapolis, IN 46204
Daniel.Petzold@Arcadis.com

ATTN: Daniel Petzold

Total number of pages in report: 42



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

A handwritten signature in black ink, appearing to read 'Brian McGuire'.

Brian McGuire
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary 3

Section 2: Summary of Hits 4

Section 3: Sample Results 5

3.1: JC83727-20R: SAP 70-20 6

3.2: JC83727-21R: SAP 70-24 9

Section 4: Misc. Forms 12

4.1: Chain of Custody 13

Section 5: MS Volatiles - QC Data Summaries 19

5.1: Method Blank Summary 20

5.2: Blank Spike Summary 24

5.3: Matrix Spike Summary 28

5.4: Matrix Spike/Matrix Spike Duplicate Summary 31

5.5: Duplicate Summary 32

5.6: Instrument Performance Checks (BFB) 35

5.7: Surrogate Recovery Summaries 42



Sample Summary

Arcadis

Job No: JC83727R

GE, 13th Street, Tell City, IN
Project No: ALL00911.0017

Sample Number	Collected		Time By	Received	Matrix		Client Sample ID
	Date				Code	Type	
JC83727-20R	02/28/19	15:25	DP	03/02/19	SO	Soil	SAP 70-20
JC83727-21R	02/28/19	15:30	DP	03/02/19	SO	Soil	SAP 70-24

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Page 1 of 1

Job Number: JC83727R
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/28/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

JC83727-20R SAP 70-20

Acetone ^a		11.0	9.7	4.8	ug/kg	SW846 8260C
Chloroform ^a		1.3 J	1.9	0.36	ug/kg	SW846 8260C
cis-1,2-Dichloroethene ^a		3.2	0.97	0.93	ug/kg	SW846 8260C
trans-1,2-Dichloroethene ^a		0.84 J	0.97	0.65	ug/kg	SW846 8260C
Tetrachloroethene ^a		17.6	1.9	0.45	ug/kg	SW846 8260C
Trichloroethene ^a		41400	1200	900	ug/kg	SW846 8260C

JC83727-21R SAP 70-24

Acetone ^a		22.2	9.8	4.9	ug/kg	SW846 8260C
Tetrachloroethene ^a		3.1	2.0	0.46	ug/kg	SW846 8260C
Trichloroethene ^a		177	0.98	0.75	ug/kg	SW846 8260C

(a) Sample analyzed outside the holding time.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SAP 70-20	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-20R	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	86.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150397.D	1	03/20/19 12:28	PS	n/a	n/a	V3C6773
Run #2 ^a	D263196.D	1	03/22/19 11:20	TDN	n/a	n/a	VD10612
Run #3 ^b	E258054.D	1	03/21/19 16:32	TDN	n/a	n/a	VE11055

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.0 g		
Run #2	5.3 g	10.0 ml	10.0 ul
Run #3	5.3 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	11.0	9.7	4.8	ug/kg	
71-43-2	Benzene	ND	0.48	0.37	ug/kg	
108-86-1	Bromobenzene	ND	4.8	0.38	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.42	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.43	ug/kg	
75-25-2	Bromoform	ND	4.8	0.39	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.97	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	3.6	ug/kg	
104-51-8	n-Butylbenzene	ND	1.9	0.39	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.35	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.53	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.34	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.67	ug/kg	
67-66-3	Chloroform	1.3	1.9	0.36	ug/kg	J
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	1.9	0.37	ug/kg	
106-43-4	p-Chlorotoluene	ND	1.9	0.54	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.81	ug/kg	
124-48-1	Dibromochloromethane ^c	ND	1.9	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.97	0.31	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.97	0.30	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.97	0.35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.97	0.33	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.62	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.97	0.37	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.97	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.97	0.64	ug/kg	
156-59-2	cis-1,2-Dichloroethene	3.2	0.97	0.93	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.84	0.97	0.65	ug/kg	J

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 70-20
Lab Sample ID: JC83727-20R
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/02/19
Percent Solids: 86.0

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
78-87-5	1,2-Dichloropropane	ND	1.9	0.39	ug/kg	
142-28-9	1,3-Dichloropropane	ND	1.9	0.36	ug/kg	
594-20-7	2,2-Dichloropropane	ND	1.9	0.42	ug/kg	
563-58-6	1,1-Dichloropropene	ND	1.9	0.53	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	0.97	0.53	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	0.49	ug/kg	
98-82-8	Isopropylbenzene	ND	1.9	0.68	ug/kg	
99-87-6	p-Isopropyltoluene	ND	1.9	0.31	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.97	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^d	ND	4.8	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.8	0.33	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.4	ug/kg	
91-20-3	Naphthalene	ND	4.8	1.9	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.30	ug/kg	
100-42-5	Styrene	ND	1.9	0.56	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.55	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.38	ug/kg	
127-18-4	Tetrachloroethene	17.6	1.9	0.45	ug/kg	
108-88-3	Toluene	ND	0.97	0.36	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	0.97	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.97	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.41	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.33	ug/kg	
79-01-6	Trichloroethene	41400 ^e	1200	900	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.66	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	0.54	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.62	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.35	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.97	0.72	ug/kg	
95-47-6	o-Xylene	ND	0.97	0.56	ug/kg	
1330-20-7	Xylene (total)	ND	0.97	0.56	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	104%	103%	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	102%	100%	94%	75-130%
2037-26-5	Toluene-D8	97%	98%	93%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 70-20	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-20R	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	86.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
460-00-4	4-Bromofluorobenzene	100%	94%	100%	79-127%

- (a) Sample analyzed outside the holding time.
- (b) Sample analyzed outside the holding time. Confirmation run.
- (c) This compound in BS is outside in house QC limits bias high. Associated CCV outside of control limits high, sample was ND.
- (d) Associated CCV outside of control limits high, sample was ND.
- (e) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 70-24	
Lab Sample ID:	JC83727-21R	Date Sampled: 02/28/19
Matrix:	SO - Soil	Date Received: 03/02/19
Method:	SW846 8260C	Percent Solids: 92.3
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C150409.D	1	03/20/19 17:06	PS	n/a	n/a	V3C6773
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	22.2	9.8	4.9	ug/kg	
71-43-2	Benzene	ND	0.49	0.37	ug/kg	
108-86-1	Bromobenzene	ND	4.9	0.39	ug/kg	
74-97-5	Bromochloromethane	ND	4.9	0.42	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	4.9	0.40	ug/kg	
74-83-9	Bromomethane	ND	4.9	0.98	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.8	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.40	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.36	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.54	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	4.9	0.68	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	4.9	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.37	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.55	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.82	ug/kg	
124-48-1	Dibromochloromethane ^b	ND	2.0	0.33	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.98	0.32	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.98	0.30	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.98	0.35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.98	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.9	0.63	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.98	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.98	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.98	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.98	0.94	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.98	0.66	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.40	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.36	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP 70-24
Lab Sample ID: JC83727-21R
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/02/19
Percent Solids: 92.3

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.42	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.53	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	0.98	0.54	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.9	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.69	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.98	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^c	ND	4.9	1.5	ug/kg	
74-95-3	Methylene bromide	ND	4.9	0.33	ug/kg	
75-09-2	Methylene chloride	ND	4.9	2.5	ug/kg	
91-20-3	Naphthalene	ND	4.9	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.57	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.56	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.38	ug/kg	
127-18-4	Tetrachloroethene	3.1	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	0.98	0.37	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	0.98	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.42	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	177	0.98	0.75	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.9	0.67	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.9	0.55	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.63	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.35	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.46	ug/kg	
	m,p-Xylene	ND	0.98	0.73	ug/kg	
95-47-6	o-Xylene	ND	0.98	0.57	ug/kg	
1330-20-7	Xylene (total)	ND	0.98	0.57	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		75-127%
17060-07-0	1,2-Dichloroethane-D4	103%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP 70-24	Date Sampled:	02/28/19
Lab Sample ID:	JC83727-21R	Date Received:	03/02/19
Matrix:	SO - Soil	Percent Solids:	92.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Sample analyzed outside the holding time.
- (b) This compound in BS is outside in house QC limits bias high. Associated CCV outside of control limits high, sample was ND.
- (c) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

7715 Route 110, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

PAGE ___ OF ___

785785697716
FED-EX Tracking # 64036 0061 3380
Accutest Quote #
Bottle Order Control #
Accutest Job # JC 83727

Client / Reporting Information				Project Information				Requested Analysis (see TEST CODE sheet)												Matrix Codes	
Company Name Arcadis				Project Name GE Tell City				VOCs (8260)												DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank	
Street Address 150 W. Market, Suite 728				Street																	
City State Zip Indianapolis, IN 46204				City State																	
Project Contact Daniel.Petzold@arcadis.com				Project # ALL00911.0017																	
Phone # 317-709-0081				Client Purchase Order #				Street Address												LAB USE ONLY	
Sampler(s) Name(s)				Project Manager Jon Akin				City State Zip													
Turnaround Time (Business days)				Data Deliverable Information				Comments / Special Instructions													
<input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> other				Approved By (Accutest PM): / Date:				<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> FULLT1 (Level 3+4) <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other												INITIAL ASSESSMENT 380 LABEL VERIFICATION	
Emergency & Rush TIA data available VIA Lablink				Commercial "A" = Results Only Commercial "B" = Results + QC Summary NJ Reduced = Results + QC Summary + Partial Raw data																	
Relinquished by Sampler:				Received By:				Relinquished by:												Received By:	
1 OK				3/7/19 1630				2 RAS												5/6/19	
Relinquished by Sampler:				Received By:				Relinquished by:												Received By:	
3				3				4												4	
Relinquished by:				Received By:				Relinquished by:												Received By:	
5				5				Custody Seal # 1946												On Ice 2.1, 1.9°C IP	

JC83727R: Chain of Custody

Page 1 of 6



CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

Page __ of __

Client / Reporting Information				Project Information				Requested Analysis												Matrix Codes	
Company Name: Acadix				Project Name: BE Tell City																DW - Drinking Water GW - Ground Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinsate Blank TB - Trip Blank	
Street Address: 150 W Market				Street: Indanapolis IN																	
City: Indanapolis IN				City: Indanapolis IN																	
State: IN				State: IN																	
Zip: 46204				Zip: 46204																	
Project Contact: Daniel Petzold				Project # ALL 00911																	
Phone # 317 221 1111				Client Purchase Order # 317 221 1111																	
Sampler(s) Name(s): John Aken				Attention: John Aken																	
Turn Around Time (Business Days)				Deliverable				Comments / Special Instructions													
<input type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days <input type="checkbox"/> 2 Business Days <input type="checkbox"/> 1 Business Day <input type="checkbox"/> Other				<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NJ Reduced (Level 3) <input type="checkbox"/> Full Tier I (Level 4) <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NJ DKQP				<input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> MA MCP Criteria <input type="checkbox"/> CT RCP Criteria <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format												<input type="checkbox"/> DQG-QSMS	
Approval needed for 1-3 Business Day TAT				Approval needed for 1-3 Business Day TAT				http://www.sgs.com/en/terms-and-conditions													
Sample Custody must be documented below each time samples change possession, including courier delivery.				Sample Custody must be documented below each time samples change possession, including courier delivery.																	
Relinquished By: 1/17/19 1630				Received By: Roman				Relinquished By: Roman												Received By: Roman	
Date / Time: 1/17/19 1630				Date / Time: 1/17/19 1630				Date / Time: 1/17/19 1630												Date / Time: 1/17/19 1630	
Relinquished By: 3				Received By: 5				Relinquished By: 4												Received By: 4	
Relinquished By: 5				Received By: 5				Custody Seal # <input type="checkbox"/> Intact <input type="checkbox"/> Preserved where applicable <input type="checkbox"/> On Ice <input type="checkbox"/> Cooler Temp. °C													

EHSQA-QAC-0023-02-FORM-Dayton - Standard COC.xlsx

JC83727R: Chain of Custody

Page 2 of 6





CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehusa

Page __ of __

Client / Reporting Information		Project Information		Requested Analysis										Matrix Codes															
Company Name: Broad's		Project Name: GE Tell City												<div>DW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank</div>															
Street Address: 130 W Market		Street: GE Tell City																											
City: Dayton, IN		City: Dayton, IN																											
State: IN		State: IN																											
Contact: Daniel Petzold		Phone: 717-752-4614		Billing Information (if different from Report to)																									
E-mail: Daniel.Petzold@broad.com		Client Purchase Order # 11009410017		Company Name																									
Phone #		Project Manager: Kevin		Street Address																									
Attention:		City		State																									
Zip		Collection		Date		Time		Sampled by		Lab (ID)		Comp (C)		Matrix		# of bottles		Number of preserved bottles		LAB USE ONLY									
SGS Sample #		Field ID / Point of Collection		MECH/ID Val #																									
25		SAP 71 (16)		8/28/19		1615		K		50		4																	
26		SAP 71 (30) hold		8/28/19		1620		K		50		4																	
27		SAP 71 (24) hold		8/28/19		1625		K		50		4																	
28		SAP 17B (30)		8/28/19		1630		CS		50		4																	
29		SAP 17B (34)		8/28/19		1635		CS		50		4																	
30		SAP 17B (28)		8/28/19		1640		CS		50		4																	
31		P26 (4)		8/28/19		1645		CS		50		4																	
32		P26 (16)		8/28/19		1650		CS		50		4																	
33		P26 (30) hold		8/28/19		1655		CS		50		4																	
34		P26 (24) hold		8/28/19		1700		CS		50		4																	
35		DUP X		8/28/19		1705		CS		50		4																	
36		DUP 5 *		8/28/19		1710		CS		50		4																	
Turn Around Time (Business Days)		Approved By (SGS PM) / Date:		Commercial "A" (Level 1)		Commercial "B" (Level 2)		Commercial "C" (Level 3)		Full Tier 1 (Level 4)		Commercial "C"		NJ DKQP		NYASP Category A		NYASP Category B		MA MCP Criteria		CT RCP Criteria		State Forms		EDD Format		Comments / Special Instructions	
<input type="checkbox"/> 10 Business Days				<input type="checkbox"/> Commercial "A" (Level 1)		<input type="checkbox"/> Commercial "B" (Level 2)		<input type="checkbox"/> Commercial "C" (Level 3)		<input type="checkbox"/> Full Tier 1 (Level 4)		<input type="checkbox"/> Commercial "C"		<input type="checkbox"/> NJ DKQP		<input type="checkbox"/> NYASP Category A		<input type="checkbox"/> NYASP Category B		<input type="checkbox"/> MA MCP Criteria		<input type="checkbox"/> CT RCP Criteria		<input type="checkbox"/> State Forms		<input type="checkbox"/> EDD Format		* Added to COC in S.M.	
<input type="checkbox"/> 5 Business Days																													
<input type="checkbox"/> 3 Business Days																													
<input type="checkbox"/> 2 Business Days																													
<input type="checkbox"/> 1 Business Day																													
<input type="checkbox"/> Other																													
All data available via LabLink																													
Approval needed for 1-3 Business Day TAT																													
Sample Custody must be documented below each time samples change possession, including courier delivery.																													
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...	
Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630		Received By: P. S. ...		Relinquished by: DP		Date / Time: 8/28/19 1630			

SGS Sample Receipt Summary

Job Number: JC83727

Client: ARCADIS

Project: GE, 13TH STREET, TELL CITY, IN

Date / Time Received: 3/2/2019 10:10:00 AM

Delivery Method: FedEx

Airbill #s:
Cooler Temps (Raw Measured) °C: Cooler 1: (2.1); Cooler 2: (1.9);

Cooler Temps (Corrected) °C: Cooler 1: (1.1); Cooler 2: (0.9);

Cooler Security
Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK: ☒ ☐

Cooler Temperature
Y or N

1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: IR Gun
3. Cooler media: Ice (Bag)
4. No. Coolers: 2

Quality Control Preservation
Y or N
N/A

1. Trip Blank present / cooler: ☐ ☐ ☒
2. Trip Blank listed on COC: ☐ ☐ ☒
3. Samples preserved properly: ☒ ☐
4. VOCs headspace free: ☐ ☐ ☒

Sample Integrity - Documentation
Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☐ ☒
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition
Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions
Y or N
N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☒ ☐
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Test Strip Lot #s:

Other: (Specify)
Comments

- 1) All bottles and vials rec'd without ID,date,time on labels. Set up according to tag in bag.
- 2) Rec'd additional sample set of 60ml soil, 1 meoh and 2 DI vials DUP 3 not on coc, added to COC in SM.

SM089-02 Rev. Date 12/1/16

JC83727R: Chain of Custody
Page 4 of 6

Responded to by: ak

Response Date: 3/4

- 1) Please proceed
- 2) Please run Dup 3 for VOCs

4.1

4

JC83727R: Chain of Custody
Page 5 of 6

Job Change Order: JC83727

Requested Date: 3/19/2019 Received Date: 3/2/2019
Account Name: Arcadis Due Date: 3/18/2019
Project Description: GE, 13th Street, Tell City, IN Deliverable: COMMB
C/O Initiated By: MICHELLD PM: KR TAT (Days): 14

Sample #: JC83727-20 and 21 Change: Take off HOLD and run for V8260STD and VMS+MTBE. OK to run out of HT
Dept: TAT: 14

Above Changes Per: Daniel Petzold Date/Time: 3/19/2019 9:28:31 AM

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 3

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6773-MB	3C150391.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-20R, JC83727-21R

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6773-MB	3C150391.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-20R, JC83727-21R

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	99% 75-127%
17060-07-0	1,2-Dichloroethane-D4	95% 75-130%
2037-26-5	Toluene-D8	98% 80-120%
460-00-4	4-Bromofluorobenzene	98% 79-127%

Method Blank Summary

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6773-MB	3C150391.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:

Method:

JC83727-20R, JC83727-21R

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Page 1 of 1

Job Number: JC83727R

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10612-MB	D263194.D	1	03/22/19	TDN	n/a	n/a	VD10612

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-20R

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	50	38	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	103% 75-127%
17060-07-0	1,2-Dichloroethane-D4	98% 75-130%
2037-26-5	Toluene-D8	98% 80-120%
460-00-4	4-Bromofluorobenzene	92% 79-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Page 1 of 3

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6773-BS	3C150389.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-20R, JC83727-21R

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	244	122	48-149
71-43-2	Benzene	50	50.8	102	74-117
108-86-1	Bromobenzene	50	49.2	98	77-117
74-97-5	Bromochloromethane	50	54.0	108	82-121
75-27-4	Bromodichloromethane	50	55.3	111	78-119
75-25-2	Bromoform	50	58.5	117	76-130
74-83-9	Bromomethane	50	48.8	98	58-137
78-93-3	2-Butanone (MEK)	200	245	123	65-143
104-51-8	n-Butylbenzene	50	48.3	97	74-123
135-98-8	sec-Butylbenzene	50	47.0	94	74-123
98-06-6	tert-Butylbenzene	50	47.0	94	73-124
56-23-5	Carbon tetrachloride	50	52.1	104	69-136
108-90-7	Chlorobenzene	50	49.0	98	79-117
75-00-3	Chloroethane	50	54.8	110	62-139
67-66-3	Chloroform	50	48.9	98	76-119
74-87-3	Chloromethane	50	54.9	110	52-144
95-49-8	o-Chlorotoluene	50	49.3	99	77-118
106-43-4	p-Chlorotoluene	50	49.5	99	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	59.5	119	72-124
124-48-1	Dibromochloromethane	50	62.2	124* a	78-122
106-93-4	1,2-Dibromoethane	50	55.2	110	80-116
95-50-1	1,2-Dichlorobenzene	50	49.2	98	77-117
541-73-1	1,3-Dichlorobenzene	50	48.5	97	75-117
106-46-7	1,4-Dichlorobenzene	50	48.2	96	76-115
75-71-8	Dichlorodifluoromethane	50	51.3	103	43-156
75-34-3	1,1-Dichloroethane	50	51.0	102	75-124
107-06-2	1,2-Dichloroethane	50	49.1	98	74-124
75-35-4	1,1-Dichloroethene	50	51.5	103	64-129
156-59-2	cis-1,2-Dichloroethene	50	51.3	103	74-118
156-60-5	trans-1,2-Dichloroethene	50	50.3	101	71-125
78-87-5	1,2-Dichloropropane	50	51.3	103	80-119
142-28-9	1,3-Dichloropropane	50	52.1	104	79-115
594-20-7	2,2-Dichloropropane	50	48.1	96	66-130
563-58-6	1,1-Dichloropropene	50	50.6	101	74-124
10061-01-5	cis-1,3-Dichloropropene	50	54.8	110	80-119
10061-02-6	trans-1,3-Dichloropropene	50	55.6	111	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 3

Job Number: JC83727R**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6773-BS	3C150389.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-20R, JC83727-21R

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	47.7	95	75-118
87-68-3	Hexachlorobutadiene	50	53.1	106	64-133
98-82-8	Isopropylbenzene	50	48.1	96	74-122
99-87-6	p-Isopropyltoluene	50	47.3	95	74-121
1634-04-4	Methyl Tert Butyl Ether	50	51.9	104	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	241	121	73-136
74-95-3	Methylene bromide	50	54.9	110	82-120
75-09-2	Methylene chloride	50	49.5	99	73-120
91-20-3	Naphthalene	50	55.9	112	71-130
103-65-1	n-Propylbenzene	50	46.8	94	75-120
100-42-5	Styrene	50	49.6	99	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	54.0	108	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	54.3	109	72-120
127-18-4	Tetrachloroethene	50	51.9	104	69-128
108-88-3	Toluene	50	48.5	97	74-117
87-61-6	1,2,3-Trichlorobenzene	50	54.1	108	72-133
120-82-1	1,2,4-Trichlorobenzene	50	53.3	107	73-132
71-55-6	1,1,1-Trichloroethane	50	48.8	98	73-131
79-00-5	1,1,2-Trichloroethane	50	52.4	105	79-117
79-01-6	Trichloroethene	50	50.3	101	80-120
75-69-4	Trichlorofluoromethane	50	49.9	100	63-141
96-18-4	1,2,3-Trichloropropane	50	54.9	110	77-121
95-63-6	1,2,4-Trimethylbenzene	50	45.9	92	76-119
108-67-8	1,3,5-Trimethylbenzene	50	46.4	93	74-119
75-01-4	Vinyl chloride	50	53.8	108	55-145
	m,p-Xylene	100	96.9	97	75-120
95-47-6	o-Xylene	50	47.9	96	75-119
1330-20-7	Xylene (total)	150	145	97	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	75-127%
17060-07-0	1,2-Dichloroethane-D4	100%	75-130%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	99%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6773-BS	3C150389.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-20R, JC83727-21R

(a) High percent recoveries and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10612-BS	D263192.D	1	03/22/19	TDN	n/a	n/a	VD10612

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-20R

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
79-01-6	Trichloroethene	2500	2240	90	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	75-127%
17060-07-0	1,2-Dichloroethane-D4	97%	75-130%
2037-26-5	Toluene-D8	101%	80-120%
460-00-4	4-Bromofluorobenzene	83%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84654-1MS	3C150400.D	1	03/20/19	PS	n/a	n/a	V3C6773
JC84654-1	3C150394.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-20R, JC83727-21R

CAS No.	Compound	JC84654-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	18.8		266	278	97	10-157
71-43-2	Benzene	ND		66.5	67.0	101	58-125
108-86-1	Bromobenzene	ND		66.5	62.4	94	50-129
74-97-5	Bromochloromethane	ND		66.5	69.8	105	60-127
75-27-4	Bromodichloromethane	ND		66.5	70.7	106	57-128
75-25-2	Bromoform	ND		66.5	66.2	100	48-133
74-83-9	Bromomethane	ND		66.5	70.6	106	31-141
78-93-3	2-Butanone (MEK)	ND		266	269	101	29-146
104-51-8	n-Butylbenzene	ND		66.5	47.1	71	23-149
135-98-8	sec-Butylbenzene	ND		66.5	52.5	79	33-147
98-06-6	tert-Butylbenzene	ND		66.5	55.4	83	39-145
56-23-5	Carbon tetrachloride	ND		66.5	68.5	103	51-143
108-90-7	Chlorobenzene	ND		66.5	63.1	95	54-130
75-00-3	Chloroethane	ND		66.5	74.8	112	22-153
67-66-3	Chloroform	ND		66.5	65.8	99	61-125
74-87-3	Chloromethane	ND		66.5	72.9	110	43-142
95-49-8	o-Chlorotoluene	ND		66.5	61.4	92	47-137
106-43-4	p-Chlorotoluene	ND		66.5	61.5	92	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		66.5	64.2	97	41-127
124-48-1	Dibromochloromethane	ND		66.5	76.3	115	56-127
106-93-4	1,2-Dibromoethane	ND		66.5	64.7	97	54-121
95-50-1	1,2-Dichlorobenzene	ND		66.5	59.8	90	41-134
541-73-1	1,3-Dichlorobenzene	ND		66.5	58.8	88	41-135
106-46-7	1,4-Dichlorobenzene	ND		66.5	57.5	86	41-133
75-71-8	Dichlorodifluoromethane	ND		66.5	65.1	98	30-153
75-34-3	1,1-Dichloroethane	ND		66.5	69.1	104	61-131
107-06-2	1,2-Dichloroethane	ND		66.5	61.3	92	56-126
75-35-4	1,1-Dichloroethene	ND		66.5	69.2	104	53-132
156-59-2	cis-1,2-Dichloroethene	ND		66.5	69.0	104	57-125
156-60-5	trans-1,2-Dichloroethene	ND		66.5	67.5	102	56-130
78-87-5	1,2-Dichloropropane	ND		66.5	67.2	101	63-126
142-28-9	1,3-Dichloropropane	ND		66.5	64.6	97	58-119
594-20-7	2,2-Dichloropropane	ND		66.5	48.0	72	41-135
563-58-6	1,1-Dichloropropene	ND		66.5	65.7	99	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		66.5	64.3	97	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		66.5	62.9	95	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84654-1MS	3C150400.D	1	03/20/19	PS	n/a	n/a	V3C6773
JC84654-1	3C150394.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-20R, JC83727-21R

CAS No.	Compound	JC84654-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		66.5	60.6	91	49-132
87-68-3	Hexachlorobutadiene	ND		66.5	36.6	55	10-165
98-82-8	Isopropylbenzene	ND		66.5	59.0	89	43-141
99-87-6	p-Isopropyltoluene	ND		66.5	52.3	79	34-144
1634-04-4	Methyl Tert Butyl Ether	ND		66.5	64.9	98	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		266	264	99	40-140
74-95-3	Methylene bromide	ND		66.5	68.1	102	57-124
75-09-2	Methylene chloride	ND		66.5	66.5	100	57-123
91-20-3	Naphthalene	ND		66.5	60.4	91	22-145
103-65-1	n-Propylbenzene	ND		66.5	55.7	84	41-139
100-42-5	Styrene	ND		66.5	62.8	94	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		66.5	68.8	103	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		66.5	33.3	50	44-127
127-18-4	Tetrachloroethene	ND		66.5	63.1	95	39-154
108-88-3	Toluene	ND		66.5	63.9	96	54-127
87-61-6	1,2,3-Trichlorobenzene	ND		66.5	56.0	84	17-151
120-82-1	1,2,4-Trichlorobenzene	ND		66.5	54.9	83	19-153
71-55-6	1,1,1-Trichloroethane	ND		66.5	65.6	99	57-138
79-00-5	1,1,2-Trichloroethane	ND		66.5	63.8	96	53-127
79-01-6	Trichloroethene	ND		66.5	93.7	141* a	52-140
75-69-4	Trichlorofluoromethane	ND		66.5	66.4	100	46-142
96-18-4	1,2,3-Trichloropropane	ND		66.5	63.5	95	48-129
95-63-6	1,2,4-Trimethylbenzene	ND		66.5	55.8	84	39-142
108-67-8	1,3,5-Trimethylbenzene	ND		66.5	56.4	85	40-140
75-01-4	Vinyl chloride	ND		66.5	71.5	108	43-146
	m,p-Xylene	ND		133	122	92	45-137
95-47-6	o-Xylene	ND		66.5	61.1	92	48-135
1330-20-7	Xylene (total)	ND		199	183	92	46-137

CAS No.	Surrogate Recoveries	MS	JC84654-1	Limits
1868-53-7	Dibromofluoromethane	101%	102%	75-127%
17060-07-0	1,2-Dichloroethane-D4	94%	104%	75-130%
2037-26-5	Toluene-D8	100%	97%	80-120%
460-00-4	4-Bromofluorobenzene	99%	96%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Page 3 of 3

Job Number: JC83727R

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84654-1MS	3C150400.D	1	03/20/19	PS	n/a	n/a	V3C6773
JC84654-1	3C150394.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-20R, JC83727-21R

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84808-6AMS	D263203.D	1	03/22/19	TDN	n/a	n/a	VD10612
JC84808-6AMSD	D263204.D	1	03/22/19	TDN	n/a	n/a	VD10612
JC84808-6A	D263197.D	1	03/22/19	TDN	n/a	n/a	VD10612

The QC reported here applies to the following samples: Method: SW846 8260C

JC83727-20R

CAS No.	Compound	JC84808-6A ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
79-01-6	Trichloroethene	ND	8680	8170	94	8680	7990	92	2	52-140/24

CAS No.	Surrogate Recoveries	MS	MSD	JC84808-6A	Limits
1868-53-7	Dibromofluoromethane	100%	99%	103%	75-127%
17060-07-0	1,2-Dichloroethane-D4	94%	94%	100%	75-130%
2037-26-5	Toluene-D8	99%	101%	100%	80-120%
460-00-4	4-Bromofluorobenzene	88%	87%	89%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 3

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84655-1DUP	3C150402.D	1	03/20/19	PS	n/a	n/a	V3C6773
JC84655-1	3C150395.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-20R, JC83727-21R

CAS No.	Compound	JC84655-1 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
67-64-1	Acetone	22.6		57.6		87* a	40
71-43-2	Benzene	ND		ND		nc	30
108-86-1	Bromobenzene	ND		ND		nc	30
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	30
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	30
78-93-3	2-Butanone (MEK)	ND		ND		nc	30
104-51-8	n-Butylbenzene	ND		ND		nc	30
135-98-8	sec-Butylbenzene	ND		ND		nc	30
98-06-6	tert-Butylbenzene	ND		ND		nc	30
56-23-5	Carbon tetrachloride	ND		ND		nc	30
108-90-7	Chlorobenzene	ND		ND		nc	30
75-00-3	Chloroethane	ND		ND		nc	30
67-66-3	Chloroform	ND		ND		nc	30
74-87-3	Chloromethane	ND		ND		nc	30
95-49-8	o-Chlorotoluene	ND		ND		nc	30
106-43-4	p-Chlorotoluene	ND		ND		nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	30
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	30
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	30
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	30
107-06-2	1,2-Dichloroethane	ND		ND		nc	30
75-35-4	1,1-Dichloroethene	ND		ND		nc	30
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	30
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	30
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
142-28-9	1,3-Dichloropropane	ND		ND		nc	30
594-20-7	2,2-Dichloropropane	ND		ND		nc	30
563-58-6	1,1-Dichloropropene	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 3

Job Number: JC83727R**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84655-1DUP	3C150402.D	1	03/20/19	PS	n/a	n/a	V3C6773
JC84655-1	3C150395.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83727-20R, JC83727-21R

CAS No.	Compound	JC84655-1 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
100-41-4	Ethylbenzene	ND	ND			nc	30
87-68-3	Hexachlorobutadiene	ND	ND			nc	30
98-82-8	Isopropylbenzene	ND	ND			nc	30
99-87-6	p-Isopropyltoluene	ND	ND			nc	30
1634-04-4	Methyl Tert Butyl Ether	ND	ND			nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND			nc	30
74-95-3	Methylene bromide	ND	ND			nc	30
75-09-2	Methylene chloride	ND	ND			nc	36
91-20-3	Naphthalene	ND	ND			nc	30
103-65-1	n-Propylbenzene	ND	ND			nc	30
100-42-5	Styrene	ND	ND			nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND			nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND			nc	30
127-18-4	Tetrachloroethene	ND	ND			nc	30
108-88-3	Toluene	ND	0.62	J		200* b	24
87-61-6	1,2,3-Trichlorobenzene	ND	ND			nc	30
120-82-1	1,2,4-Trichlorobenzene	ND	ND			nc	30
71-55-6	1,1,1-Trichloroethane	ND	ND			nc	30
79-00-5	1,1,2-Trichloroethane	ND	ND			nc	30
79-01-6	Trichloroethene	ND	ND			nc	30
75-69-4	Trichlorofluoromethane	ND	ND			nc	30
96-18-4	1,2,3-Trichloropropane	ND	ND			nc	30
95-63-6	1,2,4-Trimethylbenzene	ND	ND			nc	30
108-67-8	1,3,5-Trimethylbenzene	ND	ND			nc	30
75-01-4	Vinyl chloride	ND	ND			nc	30
	m,p-Xylene	ND	ND			nc	32
95-47-6	o-Xylene	ND	ND			nc	30
1330-20-7	Xylene (total)	ND	ND			nc	33

CAS No.	Surrogate Recoveries	DUP	JC84655-1	Limits
1868-53-7	Dibromofluoromethane	104%	104%	75-127%
17060-07-0	1,2-Dichloroethane-D4	102%	104%	75-130%
2037-26-5	Toluene-D8	98%	98%	80-120%
460-00-4	4-Bromofluorobenzene	99%	97%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Page 3 of 3

Job Number: JC83727R

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC84655-1DUP	3C150402.D	1	03/20/19	PS	n/a	n/a	V3C6773
JC84655-1	3C150395.D	1	03/20/19	PS	n/a	n/a	V3C6773

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83727-20R, JC83727-21R

- (a) Outside control limits due to sample non-homogeneity.
- (b) RPD acceptable due to low DUP and sample concentrations.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V3C6743-BFB
Lab File ID: 3C149621.D
Instrument ID: GCMS3C
Injection Date: 02/13/19
Injection Time: 17:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	20405	18.6	Pass
75	30.0 - 60.0% of mass 95	53912	49.2	Pass
95	Base peak, 100% relative abundance	109629	100.0	Pass
96	5.0 - 9.0% of mass 95	7437	6.78	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	102597	93.6	Pass
175	5.0 - 9.0% of mass 174	7596	6.93 (7.40) ^a	Pass
176	95.0 - 101.0% of mass 174	99168	90.5 (96.7) ^a	Pass
177	5.0 - 9.0% of mass 176	6330	5.77 (6.38) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3C6743-IC6743	3C149623.D	02/13/19	18:33	01:06	Initial cal 0.5
V3C6743-IC6743	3C149624.D	02/13/19	18:56	01:29	Initial cal 1
V3C6743-IC6743	3C149628.D	02/13/19	20:29	03:02	Initial cal 2
V3C6743-IC6743	3C149629.D	02/13/19	20:52	03:25	Initial cal 4
V3C6743-IC6743	3C149630.D	02/13/19	21:15	03:48	Initial cal 8
V3C6743-IC6743	3C149631.D	02/13/19	21:39	04:12	Initial cal 20
V3C6743-ICC6743	3C149632.D	02/13/19	22:02	04:35	Initial cal 50
V3C6743-IC6743	3C149633.D	02/13/19	22:25	04:58	Initial cal 100
V3C6743-IC6743	3C149634.D	02/13/19	22:48	05:21	Initial cal 200
V3C6743-ICV6743	3C149637.D	02/13/19	23:59	06:32	Initial cal verification 50
V3C6743-ICV6743	3C149638.D	02/14/19	00:23	06:56	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V3C6773-BFB
Lab File ID: 3C150388.D
Instrument ID: GCMS3C
Injection Date: 03/20/19
Injection Time: 08:41

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	13659	16.7	Pass
75	30.0 - 60.0% of mass 95	38587	47.3	Pass
95	Base peak, 100% relative abundance	81658	100.0	Pass
96	5.0 - 9.0% of mass 95	5391	6.60	Pass
173	Less than 2.0% of mass 174	158	0.19 (0.19) ^a	Pass
174	50.0 - 120.0% of mass 95	81718	100.1	Pass
175	5.0 - 9.0% of mass 174	5972	7.31 (7.31) ^a	Pass
176	95.0 - 101.0% of mass 174	79726	97.6 (97.6) ^a	Pass
177	5.0 - 9.0% of mass 176	5343	6.54 (6.70) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3C6773-CC6743	3C150388.D	03/20/19	08:41	00:00	Continuing cal 50
V3C6773-BS	3C150389.D	03/20/19	09:10	00:29	Blank Spike
ZZZZZZ	3C150391A.D	03/20/19	10:10	01:29	(unrelated sample)
V3C6773-MB	3C150391.D	03/20/19	10:10	01:29	Method Blank
ZZZZZZ	3C150392.D	03/20/19	10:33	01:52	(unrelated sample)
ZZZZZZ	3C150393.D	03/20/19	10:56	02:15	(unrelated sample)
JC84654-1	3C150394.D	03/20/19	11:19	02:38	(used for QC only; not part of job JC83727R)
JC84655-1	3C150395.D	03/20/19	11:42	03:01	(used for QC only; not part of job JC83727R)
ZZZZZZ	3C150396.D	03/20/19	12:05	03:24	(unrelated sample)
JC83727-20R	3C150397.D	03/20/19	12:28	03:47	SAP 70-20
ZZZZZZ	3C150399.D	03/20/19	13:15	04:34	(unrelated sample)
JC84654-1MS	3C150400.D	03/20/19	13:38	04:57	Matrix Spike
JC84655-1DUP	3C150402.D	03/20/19	14:24	05:43	Duplicate
ZZZZZZ	3C150403.D	03/20/19	14:47	06:06	(unrelated sample)
ZZZZZZ	3C150404.D	03/20/19	15:10	06:29	(unrelated sample)
ZZZZZZ	3C150405.D	03/20/19	15:33	06:52	(unrelated sample)
ZZZZZZ	3C150406.D	03/20/19	15:56	07:15	(unrelated sample)
ZZZZZZ	3C150407.D	03/20/19	16:20	07:39	(unrelated sample)
JC83727-21R	3C150409.D	03/20/19	17:06	08:25	SAP 70-24

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10606-BFB
Lab File ID: D263009.D
Instrument ID: GCMSD
Injection Date: 03/14/19
Injection Time: 17:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	14132	19.5	Pass
75	30.0 - 60.0% of mass 95	36037	49.8	Pass
95	Base peak, 100% relative abundance	72394	100.0	Pass
96	5.0 - 9.0% of mass 95	4865	6.72	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	59349	82.0	Pass
175	5.0 - 9.0% of mass 174	4244	5.86 (7.15) ^a	Pass
176	95.0 - 101.0% of mass 174	58248	80.5 (98.1) ^a	Pass
177	5.0 - 9.0% of mass 176	3842	5.31 (6.60) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10606-IC10606	D263011.D	03/14/19	18:32	01:05	Initial cal 0.5
VD10606-IC10606	D263012.D	03/14/19	19:01	01:34	Initial cal 1
VD10606-IC10606	D263013.D	03/14/19	19:30	02:03	Initial cal 2
VD10606-IC10606	D263014.D	03/14/19	19:58	02:31	Initial cal 4
VD10606-IC10606	D263015.D	03/14/19	20:27	03:00	Initial cal 8
VD10606-IC10606	D263016.D	03/14/19	20:56	03:29	Initial cal 20
VD10606-ICC10606	D263017.D	03/14/19	21:25	03:58	Initial cal 50
VD10606-IC10606	D263018.D	03/14/19	21:54	04:27	Initial cal 100
VD10606-IC10606	D263019.D	03/14/19	22:23	04:56	Initial cal 200
VD10606-ICV10606	D263022.D	03/14/19	23:49	06:22	Initial cal verification 50
VD10606-ICV10606	D263023.D	03/15/19	00:18	06:51	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10612-BFB
Lab File ID: D263191.D
Instrument ID: GCMSD
Injection Date: 03/22/19
Injection Time: 08:49

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	15121	18.8	Pass
75	30.0 - 60.0% of mass 95	38784	48.3	Pass
95	Base peak, 100% relative abundance	80304	100.0	Pass
96	5.0 - 9.0% of mass 95	5269	6.56	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	69080	86.0	Pass
175	5.0 - 9.0% of mass 174	4989	6.21 (7.22) ^a	Pass
176	95.0 - 101.0% of mass 174	67581	84.2 (97.8) ^a	Pass
177	5.0 - 9.0% of mass 176	4351	5.42 (6.44) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10612-CC10606	D263191.D	03/22/19	08:49	00:00	Continuing cal 50
VD10612-BS	D263192.D	03/22/19	09:24	00:35	Blank Spike
ZZZZZZ	D263194A.D	03/22/19	10:22	01:33	(unrelated sample)
VD10612-MB	D263194.D	03/22/19	10:22	01:33	Method Blank
ZZZZZZ	D263195.D	03/22/19	10:51	02:02	(unrelated sample)
JC83727-20R	D263196.D	03/22/19	11:20	02:31	SAP 70-20
JC84808-6A	D263197.D	03/22/19	11:49	03:00	(used for QC only; not part of job JC83727R)
ZZZZZZ	D263202.D	03/22/19	14:14	05:25	(unrelated sample)
JC84808-6AMS	D263203.D	03/22/19	14:43	05:54	Matrix Spike
JC84808-6AMSD	D263204.D	03/22/19	15:12	06:23	Matrix Spike Duplicate
ZZZZZZ	D263206.D	03/22/19	16:11	07:22	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VE10947-BFB
Lab File ID: E255095.D
Instrument ID: GCMSE
Injection Date: 10/16/18
Injection Time: 16:54

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	12870	20.9	Pass
75	30.0 - 60.0% of mass 95	30506	49.6	Pass
95	Base peak, 100% relative abundance	61464	100.0	Pass
96	5.0 - 9.0% of mass 95	4202	6.84	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	50365	81.9	Pass
175	5.0 - 9.0% of mass 174	3948	6.42 (7.84) ^a	Pass
176	95.0 - 101.0% of mass 174	49237	80.1 (97.8) ^a	Pass
177	5.0 - 9.0% of mass 176	3434	5.59 (6.97) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE10947-IC10947	E255096.D	10/16/18	18:20	01:26	Initial cal 0.2
VE10947-IC10947	E255097.D	10/16/18	18:49	01:55	Initial cal 0.5
VE10947-IC10947	E255098.D	10/16/18	19:20	02:26	Initial cal 1
VE10947-IC10947	E255099.D	10/16/18	19:50	02:56	Initial cal 2
VE10947-IC10947	E255100.D	10/16/18	20:20	03:26	Initial cal 4
VE10947-IC10947	E255101.D	10/16/18	20:51	03:57	Initial cal 8
VE10947-IC10947	E255102.D	10/16/18	21:21	04:27	Initial cal 20
VE10947-ICC10947	E255103.D	10/16/18	21:51	04:57	Initial cal 50
VE10947-IC10947	E255104.D	10/16/18	22:22	05:28	Initial cal 100
VE10947-IC10947	E255105.D	10/16/18	22:52	05:58	Initial cal 200
VE10947-ICV10947	E255108.D	10/17/18	00:23	07:29	Initial cal verification 50
VE10947-ICV10947	E255109.D	10/17/18	00:53	07:59	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VE10947-BFB2
Lab File ID: E255111.D
Instrument ID: GCMSE
Injection Date: 10/18/18
Injection Time: 09:49

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	10708	19.7	Pass
75	30.0 - 60.0% of mass 95	26642	49.0	Pass
95	Base peak, 100% relative abundance	54349	100.0	Pass
96	5.0 - 9.0% of mass 95	3547	6.53	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	46552	85.7	Pass
175	5.0 - 9.0% of mass 174	3386	6.23 (7.27) ^a	Pass
176	95.0 - 101.0% of mass 174	46277	85.1 (99.4) ^a	Pass
177	5.0 - 9.0% of mass 176	3075	5.66 (6.64) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE10947-ICV10947	E255112.D	10/18/18	10:30	00:41	Initial cal verification 50
VE10947-ICV10947	E255113.D	10/18/18	11:01	01:12	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83727R
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VE11055-BFB
Lab File ID: E258037.D
Instrument ID: GCMSE
Injection Date: 03/21/19
Injection Time: 07:43

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	8846	18.4	Pass
75	30.0 - 60.0% of mass 95	22773	47.3	Pass
95	Base peak, 100% relative abundance	48099	100.0	Pass
96	5.0 - 9.0% of mass 95	3421	7.11	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	41843	87.0	Pass
175	5.0 - 9.0% of mass 174	3444	7.16 (8.23) ^a	Pass
176	95.0 - 101.0% of mass 174	41480	86.2 (99.1) ^a	Pass
177	5.0 - 9.0% of mass 176	2782	5.78 (6.71) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VE11055-CC10947	E258037.D	03/21/19	07:43	00:00	Continuing cal 20
VE11055-BS	E258038.D	03/21/19	08:22	00:39	Blank Spike
ZZZZZZ	E258040A.D	03/21/19	09:23	01:40	(unrelated sample)
VE11055-MB	E258040.D	03/21/19	09:23	01:40	Method Blank
ZZZZZZ	E258041.D	03/21/19	09:53	02:10	(unrelated sample)
JC84784-3	E258042.D	03/21/19	10:24	02:41	(used for QC only; not part of job JC83727R)
ZZZZZZ	E258043.D	03/21/19	10:54	03:11	(unrelated sample)
ZZZZZZ	E258044.D	03/21/19	11:25	03:42	(unrelated sample)
ZZZZZZ	E258045.D	03/21/19	11:56	04:13	(unrelated sample)
ZZZZZZ	E258046.D	03/21/19	12:26	04:43	(unrelated sample)
JC84784-3MS	E258047.D	03/21/19	12:57	05:14	Matrix Spike
JC84784-3MSD	E258048.D	03/21/19	13:27	05:44	Matrix Spike Duplicate
ZZZZZZ	E258050.D	03/21/19	14:29	06:46	(unrelated sample)
ZZZZZZ	E258051.D	03/21/19	15:00	07:17	(unrelated sample)
ZZZZZZ	E258052.D	03/21/19	15:30	07:47	(unrelated sample)
ZZZZZZ	E258053.D	03/21/19	16:01	08:18	(unrelated sample)
JC83727-20R	E258054.D	03/21/19	16:32	08:49	SAP 70-20
ZZZZZZ	E258056.D	03/21/19	17:34	09:51	(unrelated sample)
ZZZZZZ	E258058.D	03/21/19	18:37	10:54	(unrelated sample)
ZZZZZZ	E258059.D	03/21/19	19:08	11:25	(unrelated sample)
ZZZZZZ	E258060.D	03/21/19	19:39	11:56	(unrelated sample)

Surrogate Recovery Summary

Page 1 of 1

Job Number: JC83727R

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC83727-20R	D263196.D	103	100	98	94
JC83727-20R	E258054.D	100	94	93	100
JC83727-20R	3C150397.D	104	102	97	100
JC83727-21R	3C150409.D	104	103	98	98
JC84654-1MS	3C150400.D	101	94	100	99
JC84655-1DUP	3C150402.D	104	102	98	99
JC84808-6AMS	D263203.D	100	94	99	88
JC84808-6AMSD	D263204.D	99	94	101	87
V3C6773-BS	3C150389.D	102	100	98	99
V3C6773-MB	3C150391.D	99	95	98	98
VD10612-BS	D263192.D	105	97	101	83
VD10612-MB	D263194.D	103	98	98	92

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane

75-127%

S2 = 1,2-Dichloroethane-D4

75-130%

S3 = Toluene-D8

80-120%

S4 = 4-Bromofluorobenzene

79-127%

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Arcadis

GE, 13th Street, Tell City, IN

ALL00911

SGS Job Number: JC83649

Sampling Date: 02/28/19

Report to:

Arcadis
150 West Market Suite 728
Indianapolis, IN 46204
Daniel.Petzold@Arcadis.com

ATTN: Daniel Petzold

Total number of pages in report: **74**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Brian McGuire
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	5
Section 3: Sample Results	7
3.1: JC83649-1: SAP-72-1	8
3.2: JC83649-2: SAP-72-4	11
3.3: JC83649-3: SAP-72-8	14
3.4: JC83649-4: SAP-72-12	17
3.5: JC83649-5: SAP-72-16	20
3.6: JC83649-8: SAP-73-1	23
3.7: JC83649-9: SAP-73-4	26
3.8: JC83649-10: SAP-73-8	29
3.9: JC83649-11: SAP-73-12	32
3.10: JC83649-12: SAP-73-16	35
3.11: JC83649-15: SAP-74-4	38
3.12: JC83649-16: SAP-74-8	41
3.13: JC83649-17: SAP-74-12	44
3.14: JC83649-18: SAP-74-16	47
Section 4: Misc. Forms	50
4.1: Chain of Custody	51
Section 5: MS Volatiles - QC Data Summaries	54
5.1: Method Blank Summary	55
5.2: Blank Spike Summary	59
5.3: Matrix Spike Summary	62
5.4: Matrix Spike/Matrix Spike Duplicate Summary	65
5.5: Duplicate Summary	66
5.6: Instrument Performance Checks (BFB)	69
5.7: Surrogate Recovery Summaries	74



Sample Summary

Arcadis

Job No: JC83649

GE, 13th Street, Tell City, IN
Project No: ALL00911

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JC83649-1	02/28/19	09:38 DP	03/01/19	SO	Soil	SAP-72-1
JC83649-2	02/28/19	09:39 DP	03/01/19	SO	Soil	SAP-72-4
JC83649-3	02/28/19	09:44 DP	03/01/19	SO	Soil	SAP-72-8
JC83649-4	02/28/19	09:50 DP	03/01/19	SO	Soil	SAP-72-12
JC83649-5	02/28/19	09:53 DP	03/01/19	SO	Soil	SAP-72-16
JC83649-8	02/28/19	10:29 DP	03/01/19	SO	Soil	SAP-73-1
JC83649-9	02/28/19	10:30 DP	03/01/19	SO	Soil	SAP-73-4
JC83649-10	02/28/19	10:40 DP	03/01/19	SO	Soil	SAP-73-8
JC83649-11	02/28/19	10:45 DP	03/01/19	SO	Soil	SAP-73-12
JC83649-12	02/28/19	10:50 DP	03/01/19	SO	Soil	SAP-73-16
JC83649-15	02/28/19	11:30 DP	03/01/19	SO	Soil	SAP-74-4
JC83649-16	02/28/19	11:40 DP	03/01/19	SO	Soil	SAP-74-8
JC83649-17	02/28/19	11:45 DP	03/01/19	SO	Soil	SAP-74-12

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary
(continued)

Arcadis

Job No: JC83649

GE, 13th Street, Tell City, IN
Project No: ALL00911

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
JC83649-18	02/28/19	11:50 DP	03/01/19	SO	Soil	SAP-74-16

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Page 1 of 2

Job Number: JC83649
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/28/19

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

JC83649-1 SAP-72-1

Acetone	31.1	11	5.7	ug/kg	SW846 8260C
Chloroform	0.91 J	2.3	0.42	ug/kg	SW846 8260C
cis-1,2-Dichloroethene	25.7	1.1	1.1	ug/kg	SW846 8260C
trans-1,2-Dichloroethene	1.6	1.1	0.76	ug/kg	SW846 8260C
Tetrachloroethene	2.1 J	2.3	0.53	ug/kg	SW846 8260C
Trichloroethene	3410	130	100	ug/kg	SW846 8260C

JC83649-2 SAP-72-4

Chloroform	1.4 J	2.0	0.38	ug/kg	SW846 8260C
cis-1,2-Dichloroethene	46.6	1.0	0.97	ug/kg	SW846 8260C
trans-1,2-Dichloroethene	3.4	1.0	0.68	ug/kg	SW846 8260C
Tetrachloroethene	3.8	2.0	0.47	ug/kg	SW846 8260C
1,1,2-Trichloroethane	0.98 J	2.0	0.35	ug/kg	SW846 8260C
Trichloroethene	975	110	84	ug/kg	SW846 8260C

JC83649-3 SAP-72-8

Acetone	14.4	10	5.0	ug/kg	SW846 8260C
cis-1,2-Dichloroethene	6.0	1.0	0.96	ug/kg	SW846 8260C
trans-1,2-Dichloroethene	0.83 J	1.0	0.67	ug/kg	SW846 8260C
Trichloroethene	1.4	1.0	0.76	ug/kg	SW846 8260C

JC83649-4 SAP-72-12

Acetone	18.9	13	6.4	ug/kg	SW846 8260C
---------	------	----	-----	-------	-------------

JC83649-5 SAP-72-16

Acetone	24.1	11	5.4	ug/kg	SW846 8260C
---------	------	----	-----	-------	-------------

JC83649-8 SAP-73-1

Acetone	9.7 J	10	5.1	ug/kg	SW846 8260C
Trichloroethene	43.9	1.0	0.77	ug/kg	SW846 8260C

JC83649-9 SAP-73-4

Acetone	11.8	11	5.6	ug/kg	SW846 8260C
Chloroform	2.0 J	2.2	0.42	ug/kg	SW846 8260C
cis-1,2-Dichloroethene	3.4	1.1	1.1	ug/kg	SW846 8260C
Trichloroethene	3250	150	110	ug/kg	SW846 8260C

Summary of Hits

Job Number: JC83649
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 02/28/19

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC83649-10	SAP-73-8					
Acetone		26.3	10	5.2	ug/kg	SW846 8260C
1,1-Dichloroethene		4.5	1.0	0.69	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		20.7	1.0	1.0	ug/kg	SW846 8260C
trans-1,2-Dichloroethene		2.7	1.0	0.70	ug/kg	SW846 8260C
Trichloroethene		9.4	1.0	0.80	ug/kg	SW846 8260C
JC83649-11	SAP-73-12					
Acetone		18.2	11	5.4	ug/kg	SW846 8260C
JC83649-12	SAP-73-16					
Acetone		23.8	13	6.3	ug/kg	SW846 8260C
JC83649-15	SAP-74-4					
cis-1,2-Dichloroethene		21.4	1.1	1.0	ug/kg	SW846 8260C
trans-1,2-Dichloroethene		0.84 J	1.1	0.73	ug/kg	SW846 8260C
Tetrachloroethene		1.8 J	2.2	0.50	ug/kg	SW846 8260C
Trichloroethene		209	1.1	0.83	ug/kg	SW846 8260C
JC83649-16	SAP-74-8					
Acetone		10.6 J	11	5.3	ug/kg	SW846 8260C
Chloroform		0.82 J	2.1	0.39	ug/kg	SW846 8260C
cis-1,2-Dichloroethene		58.6	1.1	1.0	ug/kg	SW846 8260C
trans-1,2-Dichloroethene		3.5	1.1	0.70	ug/kg	SW846 8260C
Trichloroethene		8810	120	92	ug/kg	SW846 8260C
JC83649-17	SAP-74-12					
Acetone		9.3 J	11	5.4	ug/kg	SW846 8260C
JC83649-18	SAP-74-16					
Acetone		16.5	11	5.7	ug/kg	SW846 8260C

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SAP-72-1	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-1	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	79.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150089.D	1	03/06/19 12:07	PS	n/a	n/a	V3C6761
Run #2	D262928.D	1	03/11/19 15:48	TDN	n/a	n/a	VD10603

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.5 g		
Run #2	5.3 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	31.1	11	5.7	ug/kg	
71-43-2	Benzene	ND	0.57	0.43	ug/kg	
108-86-1	Bromobenzene	ND	5.7	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.50	ug/kg	
75-25-2	Bromoform	ND	5.7	0.46	ug/kg	
74-83-9	Bromomethane ^a	ND	5.7	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.3	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	0.46	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	0.42	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	0.40	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.63	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.40	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.78	ug/kg	
67-66-3	Chloroform	0.91	2.3	0.42	ug/kg	J
74-87-3	Chloromethane	ND	5.7	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.3	0.43	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.3	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.95	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.38	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.72	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.75	ug/kg	
156-59-2	cis-1,2-Dichloroethene	25.7	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	1.6	1.1	0.76	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.46	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.3	0.42	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-72-1
Lab Sample ID: JC83649-1
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/01/19
Percent Solids: 79.9

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.3	0.49	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.3	0.62	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.40	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.37	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.63	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	0.57	ug/kg	
98-82-8	Isopropylbenzene	ND	2.3	0.79	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.3	0.37	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.7	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.7	0.39	ug/kg	
75-09-2	Methylene chloride	ND	5.7	2.8	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.3	0.35	ug/kg	
100-42-5	Styrene	ND	2.3	0.65	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.3	0.65	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.44	ug/kg	
127-18-4	Tetrachloroethene	2.1	2.3	0.53	ug/kg	J
108-88-3	Toluene	ND	1.1	0.43	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.39	ug/kg	
79-01-6	Trichloroethene	3410 ^c	130	100	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.77	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	0.63	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.72	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.41	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.53	ug/kg	
	m,p-Xylene	ND	1.1	0.85	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.66	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.66	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	96%	75-127%
17060-07-0	1,2-Dichloroethane-D4	103%	111%	75-130%
2037-26-5	Toluene-D8	97%	101%	80-120%
460-00-4	4-Bromofluorobenzene	97%	101%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-72-1	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-1	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	79.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
- (b) Associated CCV outside of control limits high, sample was ND.
- (c) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-72-4	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-2	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	73.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150090.D	1	03/06/19 12:30	PS	n/a	n/a	V3C6761
Run #2	D262929.D	1	03/11/19 16:17	TDN	n/a	n/a	VD10603

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.7 g		
Run #2	7.4 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.1	ug/kg	
71-43-2	Benzene	ND	0.51	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.1	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.44	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.1	0.41	ug/kg	
74-83-9	Bromomethane ^a	ND	5.1	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.70	ug/kg	
67-66-3	Chloroform	1.4	2.0	0.38	ug/kg	J
74-87-3	Chloromethane	ND	5.1	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.39	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.85	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/kg	
156-59-2	cis-1,2-Dichloroethene	46.6	1.0	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethene	3.4	1.0	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-72-4
Lab Sample ID: JC83649-2
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/01/19
Percent Solids: 73.6

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.71	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.33	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.1	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.1	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.1	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.32	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/kg	
127-18-4	Tetrachloroethene	3.8	2.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	0.98	2.0	0.35	ug/kg	J
79-01-6	Trichloroethene	975 ^c	110	84	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.76	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	95%	75-127%
17060-07-0	1,2-Dichloroethane-D4	100%	109%	75-130%
2037-26-5	Toluene-D8	96%	100%	80-120%
460-00-4	4-Bromofluorobenzene	98%	102%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-72-4	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-2	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	73.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
- (b) Associated CCV outside of control limits high, sample was ND.
- (c) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-72-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-3	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	77.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150103.D	1	03/06/19 17:35	PS	n/a	n/a	V3C6761
Run #2							

Run #	Initial Weight
Run #1	6.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	14.4	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane ^a	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.36	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.32	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.30	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.63	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	6.0	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.83	1.0	0.67	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-72-8
Lab Sample ID: JC83649-3
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/01/19
Percent Solids: 77.0

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.57	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	1.4	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.55	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.63	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		75-127%
17060-07-0	1,2-Dichloroethane-D4	103%		75-130%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	104%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-72-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-3	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	77.0
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-72-12	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-4	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	75.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150092.D	1	03/06/19 13:17	PS	n/a	n/a	V3C6761
Run #2							

Run #	Initial Weight
Run #1	5.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	18.9	13	6.4	ug/kg	
71-43-2	Benzene	ND	0.64	0.48	ug/kg	
108-86-1	Bromobenzene	ND	6.4	0.51	ug/kg	
74-97-5	Bromochloromethane	ND	6.4	0.55	ug/kg	
75-27-4	Bromodichloromethane	ND	2.6	0.56	ug/kg	
75-25-2	Bromoform	ND	6.4	0.51	ug/kg	
74-83-9	Bromomethane ^a	ND	6.4	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	4.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.6	0.52	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.6	0.47	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.6	0.45	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.6	0.70	ug/kg	
108-90-7	Chlorobenzene	ND	2.6	0.45	ug/kg	
75-00-3	Chloroethane	ND	6.4	0.88	ug/kg	
67-66-3	Chloroform	ND	2.6	0.47	ug/kg	
74-87-3	Chloromethane	ND	6.4	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.6	0.48	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.6	0.72	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	2.6	0.43	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.39	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.44	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.4	0.81	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.49	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.60	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.84	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.85	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.6	0.52	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.6	0.47	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-72-12	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-4	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	75.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.6	0.55	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.6	0.69	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.6	0.45	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.6	0.42	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.70	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.4	0.64	ug/kg	
98-82-8	Isopropylbenzene	ND	2.6	0.89	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.6	0.41	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	6.4	2.0	ug/kg	
74-95-3	Methylene bromide	ND	6.4	0.43	ug/kg	
75-09-2	Methylene chloride	ND	6.4	3.2	ug/kg	
91-20-3	Naphthalene	ND	6.4	2.6	ug/kg	
103-65-1	n-Propylbenzene	ND	2.6	0.40	ug/kg	
100-42-5	Styrene	ND	2.6	0.73	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.6	0.73	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.6	0.50	ug/kg	
127-18-4	Tetrachloroethene	ND	2.6	0.59	ug/kg	
108-88-3	Toluene	ND	1.3	0.48	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.4	1.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.4	1.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.6	0.54	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.6	0.44	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.97	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.4	0.87	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.4	0.71	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.81	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.46	ug/kg	
75-01-4	Vinyl chloride	ND	2.6	0.60	ug/kg	
	m,p-Xylene	ND	1.3	0.95	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.74	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.74	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		75-127%
17060-07-0	1,2-Dichloroethane-D4	101%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	101%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-72-12	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-4	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	75.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-72-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-5	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	78.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150093.D	1	03/06/19 13:40	PS	n/a	n/a	V3C6761
Run #2							

Run #	Initial Weight
Run #1	5.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	24.1	11	5.4	ug/kg	
71-43-2	Benzene	ND	0.54	0.41	ug/kg	
108-86-1	Bromobenzene	ND	5.4	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.48	ug/kg	
75-25-2	Bromoform	ND	5.4	0.44	ug/kg	
74-83-9	Bromomethane ^a	ND	5.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.74	ug/kg	
67-66-3	Chloroform	ND	2.2	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.61	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.90	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.37	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.69	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.72	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.44	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.40	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-72-16
Lab Sample ID: JC83649-5
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/01/19
Percent Solids: 78.4

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.59	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.60	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.75	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.35	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.4	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.4	0.37	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.34	ug/kg	
100-42-5	Styrene	ND	2.2	0.62	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.62	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.50	ug/kg	
108-88-3	Toluene	ND	1.1	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.37	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.82	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.74	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	0.60	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.69	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.39	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.51	ug/kg	
	m,p-Xylene	ND	1.1	0.81	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.63	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.63	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		75-127%
17060-07-0	1,2-Dichloroethane-D4	99%		75-130%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	103%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-72-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-5	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	78.4
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-73-1	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-8	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	83.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150094.D	1	03/06/19 14:04	PS	n/a	n/a	V3C6761
Run #2							

Run #	Initial Weight
Run #1	5.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	9.7	10	5.1	ug/kg	J
71-43-2	Benzene	ND	0.51	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.1	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	0.44	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.45	ug/kg	
75-25-2	Bromoform	ND	5.1	0.41	ug/kg	
74-83-9	Bromomethane ^a	ND	5.1	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.36	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.36	ug/kg	
75-00-3	Chloroethane	ND	5.1	0.70	ug/kg	
67-66-3	Chloroform	ND	2.0	0.38	ug/kg	
74-87-3	Chloromethane	ND	5.1	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.39	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.57	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.85	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.48	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-73-1
Lab Sample ID: JC83649-8
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/01/19
Percent Solids: 83.6

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.56	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	0.51	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.71	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.33	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.36	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.1	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.1	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.1	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.32	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.58	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.40	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.47	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.35	ug/kg	
79-01-6	Trichloroethene	43.9	1.0	0.77	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	0.69	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.76	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.59	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		75-127%
17060-07-0	1,2-Dichloroethane-D4	104%		75-130%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	97%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-73-1	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-8	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	83.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-73-4	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-9	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	75.8
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150095.D	1	03/06/19 14:27	PS	n/a	n/a	V3C6761
Run #2	D262930.D	1	03/11/19 16:45	TDN	n/a	n/a	VD10603

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.9 g		
Run #2	5.0 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	11.8	11	5.6	ug/kg	
71-43-2	Benzene	ND	0.56	0.42	ug/kg	
108-86-1	Bromobenzene	ND	5.6	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.48	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.50	ug/kg	
75-25-2	Bromoform	ND	5.6	0.45	ug/kg	
74-83-9	Bromomethane ^a	ND	5.6	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.46	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.41	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.39	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.61	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.40	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.77	ug/kg	
67-66-3	Chloroform	2.0	2.2	0.42	ug/kg	J
74-87-3	Chloromethane	ND	5.6	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.42	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.63	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.93	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.38	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.36	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.40	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.38	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	0.71	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.43	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.73	ug/kg	
156-59-2	cis-1,2-Dichloroethene	3.4	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.75	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.46	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.41	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-73-4
Lab Sample ID: JC83649-9
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/01/19
Percent Solids: 75.8

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.48	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.61	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.39	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.37	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.62	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	0.56	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.78	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.36	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.39	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.6	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.6	0.38	ug/kg	
75-09-2	Methylene chloride	ND	5.6	2.8	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.35	ug/kg	
100-42-5	Styrene	ND	2.2	0.64	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.64	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.44	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.52	ug/kg	
108-88-3	Toluene	ND	1.1	0.42	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.38	ug/kg	
79-01-6	Trichloroethene	3250 ^c	150	110	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	0.76	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	0.62	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.71	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.40	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.83	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.65	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.65	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	95%	75-127%
17060-07-0	1,2-Dichloroethane-D4	102%	110%	75-130%
2037-26-5	Toluene-D8	97%	100%	80-120%
460-00-4	4-Bromofluorobenzene	98%	101%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-73-4	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-9	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	75.8
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-73-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-10	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	79.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150096.D	1	03/06/19 14:51	PS	n/a	n/a	V3C6761
Run #2							

Run #	Initial Weight
Run #1	6.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	26.3	10	5.2	ug/kg	
71-43-2	Benzene	ND	0.52	0.39	ug/kg	
108-86-1	Bromobenzene	ND	5.2	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.2	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.46	ug/kg	
75-25-2	Bromoform	ND	5.2	0.42	ug/kg	
74-83-9	Bromomethane ^a	ND	5.2	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.38	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.58	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.37	ug/kg	
75-00-3	Chloroethane	ND	5.2	0.72	ug/kg	
67-66-3	Chloroform	ND	2.1	0.39	ug/kg	
74-87-3	Chloromethane	ND	5.2	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.87	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.35	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.36	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.2	0.66	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.40	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	4.5	1.0	0.69	ug/kg	
156-59-2	cis-1,2-Dichloroethene	20.7	1.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	2.7	1.0	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.38	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-73-8
Lab Sample ID: JC83649-10
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/01/19
Percent Solids: 79.7

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.57	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.58	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.2	0.53	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.73	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.2	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.2	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.2	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.2	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.60	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.60	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.48	ug/kg	
108-88-3	Toluene	ND	1.0	0.39	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	9.4	1.0	0.80	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.2	0.71	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.2	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.66	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.37	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.49	ug/kg	
	m,p-Xylene	ND	1.0	0.78	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		75-127%
17060-07-0	1,2-Dichloroethane-D4	100%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	101%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-73-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-10	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	79.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-73-12	
Lab Sample ID:	JC83649-11	Date Sampled: 02/28/19
Matrix:	SO - Soil	Date Received: 03/01/19
Method:	SW846 8260C	Percent Solids: 78.7
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150097.D	1	03/06/19 15:14	PS	n/a	n/a	V3C6761
Run #2							

Run #	Initial Weight
Run #1	5.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	18.2	11	5.4	ug/kg	
71-43-2	Benzene	ND	0.54	0.41	ug/kg	
108-86-1	Bromobenzene	ND	5.4	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.48	ug/kg	
75-25-2	Bromoform	ND	5.4	0.43	ug/kg	
74-83-9	Bromomethane ^a	ND	5.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.0	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.38	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.74	ug/kg	
67-66-3	Chloroform	ND	2.2	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.61	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.90	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.72	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.44	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.40	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-73-12
Lab Sample ID: JC83649-11
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/01/19
Percent Solids: 78.7

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.46	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.35	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.59	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	0.54	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.75	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.35	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.4	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.4	0.37	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.34	ug/kg	
100-42-5	Styrene	ND	2.2	0.62	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.61	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.50	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.37	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.82	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.73	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	0.60	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.68	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.38	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.51	ug/kg	
	m,p-Xylene	ND	1.1	0.80	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.63	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.63	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		75-127%
17060-07-0	1,2-Dichloroethane-D4	106%		75-130%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	117%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-73-12	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-11	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	78.7
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-73-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-12	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	79.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150098.D	1	03/06/19 15:38	PS	n/a	n/a	V3C6761
Run #2							

Run #	Initial Weight
Run #1	5.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	23.8	13	6.3	ug/kg	
71-43-2	Benzene	ND	0.63	0.47	ug/kg	
108-86-1	Bromobenzene	ND	6.3	0.50	ug/kg	
74-97-5	Bromochloromethane	ND	6.3	0.54	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.55	ug/kg	
75-25-2	Bromoform	ND	6.3	0.50	ug/kg	
74-83-9	Bromomethane ^a	ND	6.3	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	4.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.5	0.51	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.5	0.46	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.5	0.44	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	0.69	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.44	ug/kg	
75-00-3	Chloroethane	ND	6.3	0.86	ug/kg	
67-66-3	Chloroform	ND	2.5	0.47	ug/kg	
74-87-3	Chloromethane	ND	6.3	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.5	0.48	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.5	0.70	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.42	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.38	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.43	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.3	0.79	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.59	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.82	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.83	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.51	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.5	0.46	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-73-16
Lab Sample ID: JC83649-12
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19**Date Received:** 03/01/19**Percent Solids:** 79.9

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.5	0.54	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.5	0.68	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.44	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.41	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.69	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.3	0.63	ug/kg	
98-82-8	Isopropylbenzene	ND	2.5	0.87	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.5	0.40	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	6.3	2.0	ug/kg	
74-95-3	Methylene bromide	ND	6.3	0.43	ug/kg	
75-09-2	Methylene chloride	ND	6.3	3.1	ug/kg	
91-20-3	Naphthalene	ND	6.3	2.5	ug/kg	
103-65-1	n-Propylbenzene	ND	2.5	0.39	ug/kg	
100-42-5	Styrene	ND	2.5	0.72	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.71	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.49	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	0.58	ug/kg	
108-88-3	Toluene	ND	1.3	0.47	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	1.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	1.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.53	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.43	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.95	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.3	0.85	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.3	0.69	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.79	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.45	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.59	ug/kg	
	m,p-Xylene	ND	1.3	0.93	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.73	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.73	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		75-127%
17060-07-0	1,2-Dichloroethane-D4	101%		75-130%
2037-26-5	Toluene-D8	97%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-73-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-12	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	79.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-74-4	
Lab Sample ID:	JC83649-15	Date Sampled: 02/28/19
Matrix:	SO - Soil	Date Received: 03/01/19
Method:	SW846 8260C	Percent Solids: 75.3
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150107.D	1	03/06/19 19:09	PS	n/a	n/a	V3C6761
Run #2							

	Initial Weight
Run #1	6.1 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	5.4	ug/kg	
71-43-2	Benzene	ND	0.54	0.41	ug/kg	
108-86-1	Bromobenzene	ND	5.4	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.47	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.48	ug/kg	
75-25-2	Bromoform	ND	5.4	0.44	ug/kg	
74-83-9	Bromomethane ^a	ND	5.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.1	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.40	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.60	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.39	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.75	ug/kg	
67-66-3	Chloroform	ND	2.2	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.61	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.91	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.37	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.69	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethene	21.4	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	0.84	1.1	0.73	ug/kg	J
78-87-5	1,2-Dichloropropane	ND	2.2	0.44	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.40	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-74-4
Lab Sample ID: JC83649-15
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/01/19
Percent Solids: 75.3

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.47	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.59	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.36	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.60	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	0.55	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.76	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.35	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.4	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.4	0.37	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.34	ug/kg	
100-42-5	Styrene	ND	2.2	0.63	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.62	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.42	ug/kg	
127-18-4	Tetrachloroethene	1.8	2.2	0.50	ug/kg	J
108-88-3	Toluene	ND	1.1	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.37	ug/kg	
79-01-6	Trichloroethene	209	1.1	0.83	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.74	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	0.60	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.69	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.39	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.51	ug/kg	
	m,p-Xylene	ND	1.1	0.81	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.63	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.63	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		75-127%
17060-07-0	1,2-Dichloroethane-D4	102%		75-130%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	98%		79-127%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-74-4	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-15	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	75.3
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-74-8						
Lab Sample ID:	JC83649-16					Date Sampled:	02/28/19
Matrix:	SO - Soil					Date Received:	03/01/19
Method:	SW846 8260C					Percent Solids:	80.5
Project:	GE, 13th Street, Tell City, IN						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150108.D	1	03/06/19 19:32	PS	n/a	n/a	V3C6761
Run #2	D262931.D	1	03/11/19 17:14	TDN	n/a	n/a	VD10603

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.9 g		
Run #2	5.7 g	10.0 ml	100 ul

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10.6	11	5.3	ug/kg	J
71-43-2	Benzene	ND	0.53	0.40	ug/kg	
108-86-1	Bromobenzene	ND	5.3	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.47	ug/kg	
75-25-2	Bromoform	ND	5.3	0.42	ug/kg	
74-83-9	Bromomethane ^a	ND	5.3	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	3.9	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	0.43	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	0.38	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	0.37	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.58	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.37	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.72	ug/kg	
67-66-3	Chloroform	0.82	2.1	0.39	ug/kg	J
74-87-3	Chloromethane	ND	5.3	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.1	0.40	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.1	0.59	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.88	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.36	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.36	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.49	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.69	ug/kg	
156-59-2	cis-1,2-Dichloroethene	58.6	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	3.5	1.1	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.43	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.1	0.39	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-74-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-16	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	80.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.1	0.45	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.1	0.57	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.37	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.34	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.58	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	0.53	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	0.73	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	0.34	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.3	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.3	0.36	ug/kg	
75-09-2	Methylene chloride	ND	5.3	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.3	2.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	0.33	ug/kg	
100-42-5	Styrene	ND	2.1	0.61	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.1	0.60	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.41	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.49	ug/kg	
108-88-3	Toluene	ND	1.1	0.40	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.36	ug/kg	
79-01-6	Trichloroethene	8810 ^c	120	92	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.72	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	0.67	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	0.38	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.49	ug/kg	
	m,p-Xylene	ND	1.1	0.79	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.61	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.61	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%	95%	75-127%
17060-07-0	1,2-Dichloroethane-D4	102%	110%	75-130%
2037-26-5	Toluene-D8	97%	101%	80-120%
460-00-4	4-Bromofluorobenzene	101%	102%	79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-74-8	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-16	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	80.5
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-74-12	
Lab Sample ID:	JC83649-17	Date Sampled: 02/28/19
Matrix:	SO - Soil	Date Received: 03/01/19
Method:	SW846 8260C	Percent Solids: 80.6
Project:	GE, 13th Street, Tell City, IN	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150109.D	1	03/06/19 19:56	PS	n/a	n/a	V3C6761
Run #2							

	Initial Weight
Run #1	5.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	9.3	11	5.4	ug/kg	J
71-43-2	Benzene	ND	0.54	0.41	ug/kg	
108-86-1	Bromobenzene	ND	5.4	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.47	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.48	ug/kg	
75-25-2	Bromoform	ND	5.4	0.44	ug/kg	
74-83-9	Bromomethane ^a	ND	5.4	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.1	ug/kg	
104-51-8	n-Butylbenzene	ND	2.2	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.40	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.60	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.39	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.75	ug/kg	
67-66-3	Chloroform	ND	2.2	0.40	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.2	0.41	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.2	0.61	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.91	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.37	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.35	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.33	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.37	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.69	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.73	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.44	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.2	0.40	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SAP-74-12
Lab Sample ID: JC83649-17
Matrix: SO - Soil
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 02/28/19
Date Received: 03/01/19
Percent Solids: 80.6

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.2	0.47	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.2	0.59	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.38	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.36	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.60	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	0.55	ug/kg	
98-82-8	Isopropylbenzene	ND	2.2	0.76	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.2	0.35	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.4	1.7	ug/kg	
74-95-3	Methylene bromide	ND	5.4	0.37	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.34	ug/kg	
100-42-5	Styrene	ND	2.2	0.63	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.2	0.62	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.50	ug/kg	
108-88-3	Toluene	ND	1.1	0.41	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.37	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.83	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.74	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	0.60	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.69	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.39	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.51	ug/kg	
	m,p-Xylene	ND	1.1	0.81	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.63	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.63	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		75-127%
17060-07-0	1,2-Dichloroethane-D4	99%		75-130%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	100%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-74-12	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-17	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	80.6
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-74-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-18	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	78.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C150110.D	1	03/06/19 20:19	PS	n/a	n/a	V3C6761
Run #2							

Run #	Initial Weight
Run #1	5.6 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	16.5	11	5.7	ug/kg	
71-43-2	Benzene	ND	0.57	0.43	ug/kg	
108-86-1	Bromobenzene	ND	5.7	0.45	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	0.49	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.50	ug/kg	
75-25-2	Bromoform	ND	5.7	0.46	ug/kg	
74-83-9	Bromomethane ^a	ND	5.7	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	4.2	ug/kg	
104-51-8	n-Butylbenzene	ND	2.3	0.46	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	0.41	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	0.40	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.62	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.40	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.78	ug/kg	
67-66-3	Chloroform	ND	2.3	0.42	ug/kg	
74-87-3	Chloromethane	ND	5.7	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.3	0.43	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.3	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.95	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.38	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.37	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.35	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.39	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	0.72	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.44	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.74	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.75	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.46	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.3	0.42	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-74-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-18	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	78.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.3	0.49	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.3	0.61	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.40	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.37	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.62	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	0.57	ug/kg	
98-82-8	Isopropylbenzene	ND	2.3	0.79	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.3	0.36	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.40	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK) ^b	ND	5.7	1.8	ug/kg	
74-95-3	Methylene bromide	ND	5.7	0.38	ug/kg	
75-09-2	Methylene chloride	ND	5.7	2.8	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.3	0.35	ug/kg	
100-42-5	Styrene	ND	2.3	0.65	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.3	0.65	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.44	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.52	ug/kg	
108-88-3	Toluene	ND	1.1	0.43	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	1.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.39	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.86	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	0.77	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	0.63	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.72	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.40	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.53	ug/kg	
	m,p-Xylene	ND	1.1	0.84	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.66	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.66	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		75-127%
17060-07-0	1,2-Dichloroethane-D4	101%		75-130%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	99%		79-127%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SAP-74-16	Date Sampled:	02/28/19
Lab Sample ID:	JC83649-18	Date Received:	03/01/19
Matrix:	SO - Soil	Percent Solids:	78.9
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits low.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Page 1 of 2

FED-EX Tracking #	Bottle Order Control #
SGS Quote #	SGS Job #

KR-02Z119-168
 JLC83649

Client / Reporting Information		Project information		Requested Analysis										Matrix Codes							
Company Name Arcadis		Project Name: BE Tell City												EW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquids AIR - Air SOL - Other Solid WP - Waste FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank							
Street Address 150 W Market		Street																			
City State Zip Indianapolis IN 46201		City State																			
Project Contact Dan Petzold		Project # MAU00911																			
Phone #		Client Purchase Order #																			
Sample(s) Name(s) Dan Petzold		Project Manager Jen Aken		Attention:																	
		Collector																			
SOS Sample #	Field ID / Point of Collection	MEQ/DI Val #	Date	Time	Sampled by	Grab (G) Comp (C)	Matrix	# of bottles	HCl	NH3	HNO3	H2SO4	MNH	Di Water	MDRH	ENDORSE					
1	SAP 72-1		2-25-19	9:38													X				
2	SAP 72-4			9:39													X				
3	SAP 72-8			9:41													X				
4	SAP 72-12			9:50													X				
5	SAP 72-16			9:53													X				
6	SAP 72-20 HOLD			9:59													X				
7	SAP 72-24 FOLD			10:05													X				
8	SAP 73-1			10:27													X				
9	SAP 73-4			10:30													X				
10	SAP 73-8			10:40													X				
11	SAP 73-12			10:45													X				
12	SAP 73-16			10:50													X				
Turn Around Time (Business Days)																		Deliverable	Comments / Special Instructions		
<input type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days <input type="checkbox"/> 2 Business Days <input type="checkbox"/> 1 Business Day <input type="checkbox"/> Other _____				Approved By (SOS PM) : Date: _____ _____				<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NJ Reduced (Level 3) <input type="checkbox"/> Full Tier I (Level 4) <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NJ DKOP				<input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> MA MCP Criteria <input type="checkbox"/> CT RCP Criteria <input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format				<input type="checkbox"/> DOD-QSMS					
All data available via Lablink				Approval needed for 1-3 Business Day TAT				Commercial "A" = Results only; Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data										http://www.sgs.com/en/terms-and-conditions			
Sample Custody must be documented below each time samples change possession, including courier delivery.																					
Requisitioned by: [Signature]		Date / Time: 2-28-19 1:40		Received By: Red Ex		Requisitioned by: Red Ex		Date / Time: 3/1/19 9:10		Received By: [Signature]											
Relinquished by: 3		Date / Time:		Received By:		Relinquished by:		Date / Time:		Received By:											
Relinquished by: 5		Date / Time:		Received By:		Custody Seal #		<input checked="" type="checkbox"/> Intact <input type="checkbox"/> Not intact		Preserved where applicable		<input type="checkbox"/> Absent <input type="checkbox"/> Thawed		On Ice		Cooler Temp. °C 2.8°C					

LABEL VERIFICATION_____

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

Page 2 of 2[illegible]

EHS-04C-0023-02-FORM-Dayton - Standard COC.xlsx

JC83649: Chain of Custody

Page 2 of 3

SGS Sample Receipt Summary

Job Number: JC83649

Client: ARCADIS

Project: GE, 13TH STREET, TELL CITY, IN

Date / Time Received: 3/1/2019 9:30:00 AM

Delivery Method:

Airbill #s:

Cooler Temps (Raw Measured) °C: Cooler 1: (2.8);

Cooler Temps (Corrected) °C: Cooler 1: (1.8);

Cooler Security

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | IR Gun | |
| 3. Cooler media: | Ice (Bag) | |
| 4. No. Coolers: | 1 | |

Quality Control Preservation

Y or N N/A

- | | | | |
|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. VOCs headspace free: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Test Strip Lot #s: pH 1-12: 206717 pH 12+: 208717 Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JC83649: Chain of Custody

Page 3 of 3

MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 3

Job Number: JC83649**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6761-MB	3C150088.D	1	03/06/19	PS	n/a	n/a	V3C6761

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83649-1, JC83649-2, JC83649-3, JC83649-4, JC83649-5, JC83649-8, JC83649-9, JC83649-10, JC83649-11, JC83649-12, JC83649-15, JC83649-16, JC83649-17, JC83649-18

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	5.0	ug/kg	
71-43-2	Benzene	ND	0.50	0.38	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.40	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.43	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.44	ug/kg	
75-25-2	Bromoform	ND	5.0	0.40	ug/kg	
74-83-9	Bromomethane	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	3.7	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	0.41	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	0.37	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	0.35	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.55	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.35	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.69	ug/kg	
67-66-3	Chloroform	ND	2.0	0.37	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	2.0	0.38	ug/kg	
106-43-4	p-Chlorotoluene	ND	2.0	0.56	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.84	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.34	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.31	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.36	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.34	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.64	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.41	ug/kg	
142-28-9	1,3-Dichloropropane	ND	2.0	0.37	ug/kg	
594-20-7	2,2-Dichloropropane	ND	2.0	0.43	ug/kg	
563-58-6	1,1-Dichloropropene	ND	2.0	0.54	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.35	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.33	ug/kg	

Method Blank Summary

Page 2 of 3

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6761-MB	3C150088.D	1	03/06/19	PS	n/a	n/a	V3C6761

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83649-1, JC83649-2, JC83649-3, JC83649-4, JC83649-5, JC83649-8, JC83649-9, JC83649-10, JC83649-11, JC83649-12, JC83649-15, JC83649-16, JC83649-17, JC83649-18

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.55	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	0.70	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	0.32	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.35	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.6	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.34	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	0.31	ug/kg	
100-42-5	Styrene	ND	2.0	0.58	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.0	0.57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.46	ug/kg	
108-88-3	Toluene	ND	1.0	0.38	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.43	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.34	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.36	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.47	ug/kg	
	m,p-Xylene	ND	1.0	0.75	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	101% 75-127%
17060-07-0	1,2-Dichloroethane-D4	93% 75-130%
2037-26-5	Toluene-D8	97% 80-120%
460-00-4	4-Bromofluorobenzene	97% 79-127%

Method Blank Summary

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6761-MB	3C150088.D	1	03/06/19	PS	n/a	n/a	V3C6761

The QC reported here applies to the following samples:

Method:

JC83649-1, JC83649-2, JC83649-3, JC83649-4, JC83649-5, JC83649-8, JC83649-9, JC83649-10, JC83649-11, JC83649-12, JC83649-15, JC83649-16, JC83649-17, JC83649-18

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Method Blank Summary

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10603-MB	D262915.D	1	03/11/19	TDN	n/a	n/a	VD10603

The QC reported here applies to the following samples: Method: SW846 8260C

JC83649-1, JC83649-2, JC83649-9, JC83649-16

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	ND	50	38	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	97% 75-127%
17060-07-0	1,2-Dichloroethane-D4	119% 75-130%
2037-26-5	Toluene-D8	100% 80-120%
460-00-4	4-Bromofluorobenzene	101% 79-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

Page 1 of 2

Job Number: JC83649**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6761-BS	3C150086.D	1	03/06/19	PS	n/a	n/a	V3C6761

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83649-1, JC83649-2, JC83649-3, JC83649-4, JC83649-5, JC83649-8, JC83649-9, JC83649-10, JC83649-11, JC83649-12, JC83649-15, JC83649-16, JC83649-17, JC83649-18

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	222	111	48-149
71-43-2	Benzene	50	45.5	91	74-117
108-86-1	Bromobenzene	50	43.6	87	77-117
74-97-5	Bromochloromethane	50	47.3	95	82-121
75-27-4	Bromodichloromethane	50	49.1	98	78-119
75-25-2	Bromoform	50	49.8	100	76-130
74-83-9	Bromomethane	50	39.4	79	58-137
78-93-3	2-Butanone (MEK)	200	227	114	65-143
104-51-8	n-Butylbenzene	50	42.7	85	74-123
135-98-8	sec-Butylbenzene	50	41.9	84	74-123
98-06-6	tert-Butylbenzene	50	41.2	82	73-124
56-23-5	Carbon tetrachloride	50	47.0	94	69-136
108-90-7	Chlorobenzene	50	44.0	88	79-117
75-00-3	Chloroethane	50	47.1	94	62-139
67-66-3	Chloroform	50	43.3	87	76-119
74-87-3	Chloromethane	50	45.4	91	52-144
95-49-8	o-Chlorotoluene	50	42.8	86	77-118
106-43-4	p-Chlorotoluene	50	43.4	87	75-117
96-12-8	1,2-Dibromo-3-chloropropane	50	52.1	104	72-124
124-48-1	Dibromochloromethane	50	54.2	108	78-122
106-93-4	1,2-Dibromoethane	50	47.6	95	80-116
95-50-1	1,2-Dichlorobenzene	50	42.8	86	77-117
541-73-1	1,3-Dichlorobenzene	50	42.4	85	75-117
106-46-7	1,4-Dichlorobenzene	50	42.3	85	76-115
75-71-8	Dichlorodifluoromethane	50	44.1	88	43-156
75-34-3	1,1-Dichloroethane	50	46.0	92	75-124
107-06-2	1,2-Dichloroethane	50	44.8	90	74-124
75-35-4	1,1-Dichloroethene	50	47.1	94	64-129
156-59-2	cis-1,2-Dichloroethene	50	45.9	92	74-118
156-60-5	trans-1,2-Dichloroethene	50	45.8	92	71-125
78-87-5	1,2-Dichloropropane	50	46.4	93	80-119
142-28-9	1,3-Dichloropropane	50	46.1	92	79-115
594-20-7	2,2-Dichloropropane	50	42.5	85	66-130
563-58-6	1,1-Dichloropropene	50	45.7	91	74-124
10061-01-5	cis-1,3-Dichloropropene	50	48.9	98	80-119
10061-02-6	trans-1,3-Dichloropropene	50	48.3	97	78-119

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC83649**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C6761-BS	3C150086.D	1	03/06/19	PS	n/a	n/a	V3C6761

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC83649-1, JC83649-2, JC83649-3, JC83649-4, JC83649-5, JC83649-8, JC83649-9, JC83649-10, JC83649-11, JC83649-12, JC83649-15, JC83649-16, JC83649-17, JC83649-18

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	50	42.3	85	75-118
87-68-3	Hexachlorobutadiene	50	46.6	93	64-133
98-82-8	Isopropylbenzene	50	42.7	85	74-122
99-87-6	p-Isopropyltoluene	50	42.3	85	74-121
1634-04-4	Methyl Tert Butyl Ether	50	47.5	95	75-123
108-10-1	4-Methyl-2-pentanone(MIBK)	200	225	113	73-136
74-95-3	Methylene bromide	50	49.8	100	82-120
75-09-2	Methylene chloride	50	44.5	89	73-120
91-20-3	Naphthalene	50	48.5	97	71-130
103-65-1	n-Propylbenzene	50	40.7	81	75-120
100-42-5	Styrene	50	44.3	89	78-120
630-20-6	1,1,1,2-Tetrachloroethane	50	47.5	95	75-122
79-34-5	1,1,2,2-Tetrachloroethane	50	47.8	96	72-120
127-18-4	Tetrachloroethene	50	46.9	94	69-128
108-88-3	Toluene	50	43.2	86	74-117
87-61-6	1,2,3-Trichlorobenzene	50	46.4	93	72-133
120-82-1	1,2,4-Trichlorobenzene	50	45.6	91	73-132
71-55-6	1,1,1-Trichloroethane	50	44.5	89	73-131
79-00-5	1,1,2-Trichloroethane	50	46.4	93	79-117
79-01-6	Trichloroethene	50	45.7	91	80-120
75-69-4	Trichlorofluoromethane	50	44.0	88	63-141
96-18-4	1,2,3-Trichloropropane	50	48.5	97	77-121
95-63-6	1,2,4-Trimethylbenzene	50	40.7	81	76-119
108-67-8	1,3,5-Trimethylbenzene	50	41.2	82	74-119
75-01-4	Vinyl chloride	50	45.8	92	55-145
	m,p-Xylene	100	85.8	86	75-120
95-47-6	o-Xylene	50	42.4	85	75-119
1330-20-7	Xylene (total)	150	128	85	76-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	75-127%
17060-07-0	1,2-Dichloroethane-D4	100%	75-130%
2037-26-5	Toluene-D8	98%	80-120%
460-00-4	4-Bromofluorobenzene	97%	79-127%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VD10603-BS	D262913.D	1	03/11/19	TDN	n/a	n/a	VD10603

The QC reported here applies to the following samples: Method: SW846 8260C

JC83649-1, JC83649-2, JC83649-9, JC83649-16

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
79-01-6	Trichloroethene	2500	2660	106	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	75-127%
17060-07-0	1,2-Dichloroethane-D4	119%	75-130%
2037-26-5	Toluene-D8	103%	80-120%
460-00-4	4-Bromofluorobenzene	97%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 3

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83649-1MS	3C150099.D	1	03/06/19	PS	n/a	n/a	V3C6761
JC83649-1	3C150089.D	1	03/06/19	PS	n/a	n/a	V3C6761

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83649-1, JC83649-2, JC83649-3, JC83649-4, JC83649-5, JC83649-8, JC83649-9, JC83649-10, JC83649-11, JC83649-12, JC83649-15, JC83649-16, JC83649-17, JC83649-18

CAS No.	Compound	JC83649-1 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Limits
67-64-1	Acetone	31.1		220	279	113	10-157
71-43-2	Benzene	ND		54.9	53.5	97	58-125
108-86-1	Bromobenzene	ND		54.9	47.5	87	50-129
74-97-5	Bromochloromethane	ND		54.9	55.1	100	60-127
75-27-4	Bromodichloromethane	ND		54.9	57.2	104	57-128
75-25-2	Bromoform	ND		54.9	52.9	96	48-133
74-83-9	Bromomethane	ND		54.9	43.3	79	31-141
78-93-3	2-Butanone (MEK)	ND		220	250	114	29-146
104-51-8	n-Butylbenzene	ND		54.9	44.2	81	23-149
135-98-8	sec-Butylbenzene	ND		54.9	46.1	84	33-147
98-06-6	tert-Butylbenzene	ND		54.9	46.2	84	39-145
56-23-5	Carbon tetrachloride	ND		54.9	55.1	100	51-143
108-90-7	Chlorobenzene	ND		54.9	49.1	89	54-130
75-00-3	Chloroethane	ND		54.9	57.1	104	22-153
67-66-3	Chloroform	0.91	J	54.9	52.0	93	61-125
74-87-3	Chloromethane	ND		54.9	56.1	102	43-142
95-49-8	o-Chlorotoluene	ND		54.9	47.2	86	47-137
106-43-4	p-Chlorotoluene	ND		54.9	47.4	86	44-133
96-12-8	1,2-Dibromo-3-chloropropane	ND		54.9	53.5	97	41-127
124-48-1	Dibromochloromethane	ND		54.9	59.6	109	56-127
106-93-4	1,2-Dibromoethane	ND		54.9	52.4	95	54-121
95-50-1	1,2-Dichlorobenzene	ND		54.9	44.7	81	41-134
541-73-1	1,3-Dichlorobenzene	ND		54.9	44.4	81	41-135
106-46-7	1,4-Dichlorobenzene	ND		54.9	43.7	80	41-133
75-71-8	Dichlorodifluoromethane	ND		54.9	53.8	98	30-153
75-34-3	1,1-Dichloroethane	ND		54.9	54.8	100	61-131
107-06-2	1,2-Dichloroethane	ND		54.9	50.8	93	56-126
75-35-4	1,1-Dichloroethene	ND		54.9	56.1	102	53-132
156-59-2	cis-1,2-Dichloroethene	25.7		54.9	63.9	70	57-125
156-60-5	trans-1,2-Dichloroethene	1.6		54.9	55.2	98	56-130
78-87-5	1,2-Dichloropropane	ND		54.9	53.5	97	63-126
142-28-9	1,3-Dichloropropane	ND		54.9	51.9	95	58-119
594-20-7	2,2-Dichloropropane	ND		54.9	49.4	90	41-135
563-58-6	1,1-Dichloropropene	ND		54.9	54.2	99	53-132
10061-01-5	cis-1,3-Dichloropropene	ND		54.9	54.8	100	55-126
10061-02-6	trans-1,3-Dichloropropene	ND		54.9	53.2	97	51-126

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83649-1MS	3C150099.D	1	03/06/19	PS	n/a	n/a	V3C6761
JC83649-1	3C150089.D	1	03/06/19	PS	n/a	n/a	V3C6761

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83649-1, JC83649-2, JC83649-3, JC83649-4, JC83649-5, JC83649-8, JC83649-9, JC83649-10, JC83649-11, JC83649-12, JC83649-15, JC83649-16, JC83649-17, JC83649-18

CAS No.	Compound	JC83649-1 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	Limits
100-41-4	Ethylbenzene	ND		54.9	48.2	88	49-132
87-68-3	Hexachlorobutadiene	ND		54.9	46.2	84	10-165
98-82-8	Isopropylbenzene	ND		54.9	48.2	88	43-141
99-87-6	p-Isopropyltoluene	ND		54.9	45.8	83	34-144
1634-04-4	Methyl Tert Butyl Ether	ND		54.9	54.1	99	58-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		220	245	112	40-140
74-95-3	Methylene bromide	ND		54.9	57.0	104	57-124
75-09-2	Methylene chloride	ND		54.9	52.4	95	57-123
91-20-3	Naphthalene	ND		54.9	47.2	86	22-145
103-65-1	n-Propylbenzene	ND		54.9	44.9	82	41-139
100-42-5	Styrene	ND		54.9	48.9	89	46-139
630-20-6	1,1,1,2-Tetrachloroethane	ND		54.9	53.6	98	53-133
79-34-5	1,1,2,2-Tetrachloroethane	ND		54.9	51.6	94	44-127
127-18-4	Tetrachloroethene	2.1	J	54.9	53.2	93	39-154
108-88-3	Toluene	ND		54.9	49.9	91	54-127
87-61-6	1,2,3-Trichlorobenzene	ND		54.9	42.2	77	17-151
120-82-1	1,2,4-Trichlorobenzene	ND		54.9	41.6	76	19-153
71-55-6	1,1,1-Trichloroethane	ND		54.9	52.4	95	57-138
79-00-5	1,1,2-Trichloroethane	ND		54.9	51.7	94	53-127
79-01-6	Trichloroethene	339	E	54.9	146	-352* a	52-140
75-69-4	Trichlorofluoromethane	ND		54.9	53.9	98	46-142
96-18-4	1,2,3-Trichloropropane	ND		54.9	52.7	96	48-129
95-63-6	1,2,4-Trimethylbenzene	ND		54.9	44.4	81	39-142
108-67-8	1,3,5-Trimethylbenzene	ND		54.9	45.4	83	40-140
75-01-4	Vinyl chloride	ND		54.9	56.3	103	43-146
	m,p-Xylene	ND		110	95.7	87	45-137
95-47-6	o-Xylene	ND		54.9	48.0	87	48-135
1330-20-7	Xylene (total)	ND		165	144	87	46-137

CAS No.	Surrogate Recoveries	MS	JC83649-1	Limits
1868-53-7	Dibromofluoromethane	104%	104%	75-127%
17060-07-0	1,2-Dichloroethane-D4	102%	103%	75-130%
2037-26-5	Toluene-D8	97%	97%	80-120%
460-00-4	4-Bromofluorobenzene	97%	97%	79-127%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83649-1MS	3C150099.D	1	03/06/19	PS	n/a	n/a	V3C6761
JC83649-1	3C150089.D	1	03/06/19	PS	n/a	n/a	V3C6761

The QC reported here applies to the following samples: Method: SW846 8260C

JC83649-1, JC83649-2, JC83649-3, JC83649-4, JC83649-5, JC83649-8, JC83649-9, JC83649-10, JC83649-11, JC83649-12, JC83649-15, JC83649-16, JC83649-17, JC83649-18

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83608-41MS	D262925.D	1	03/11/19	TDN	n/a	n/a	VD10603
JC83608-41MSD	D262926.D	1	03/11/19	TDN	n/a	n/a	VD10603
JC83608-41 ^a	D262920.D	1	03/11/19	TDN	n/a	n/a	VD10603

The QC reported here applies to the following samples: Method: SW846 8260C

JC83649-1, JC83649-2, JC83649-9, JC83649-16

CAS No.	Compound	JC83608-41 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
79-01-6	Trichloroethene	ND	12800	12000	93	12800	12400	97	3	52-140/24

CAS No.	Surrogate Recoveries	MS	MSD	JC83608-41	Limits
1868-53-7	Dibromofluoromethane	95%	98%	98%	75-127%
17060-07-0	1,2-Dichloroethane-D4	112%	114%	122%	75-130%
2037-26-5	Toluene-D8	102%	101%	102%	80-120%
460-00-4	4-Bromofluorobenzene	108%	111%	123%	79-127%

(a) Diluted due to high concentration of non-target compound.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 3

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83649-4DUP	3C150102.D	1	03/06/19	PS	n/a	n/a	V3C6761
JC83649-4	3C150092.D	1	03/06/19	PS	n/a	n/a	V3C6761

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83649-1, JC83649-2, JC83649-3, JC83649-4, JC83649-5, JC83649-8, JC83649-9, JC83649-10, JC83649-11, JC83649-12, JC83649-15, JC83649-16, JC83649-17, JC83649-18

CAS No.	Compound	JC83649-4 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
67-64-1	Acetone	18.9		59.0		103* a	40
71-43-2	Benzene	ND		ND		nc	30
108-86-1	Bromobenzene	ND		ND		nc	30
74-97-5	Bromochloromethane	ND		ND		nc	30
75-27-4	Bromodichloromethane	ND		ND		nc	30
75-25-2	Bromoform	ND		ND		nc	30
74-83-9	Bromomethane	ND		ND		nc	30
78-93-3	2-Butanone (MEK)	ND		ND		nc	30
104-51-8	n-Butylbenzene	ND		ND		nc	30
135-98-8	sec-Butylbenzene	ND		ND		nc	30
98-06-6	tert-Butylbenzene	ND		ND		nc	30
56-23-5	Carbon tetrachloride	ND		ND		nc	30
108-90-7	Chlorobenzene	ND		ND		nc	30
75-00-3	Chloroethane	ND		ND		nc	30
67-66-3	Chloroform	ND		ND		nc	30
74-87-3	Chloromethane	ND		ND		nc	30
95-49-8	o-Chlorotoluene	ND		ND		nc	30
106-43-4	p-Chlorotoluene	ND		ND		nc	30
96-12-8	1,2-Dibromo-3-chloropropane	ND		ND		nc	30
124-48-1	Dibromochloromethane	ND		ND		nc	30
106-93-4	1,2-Dibromoethane	ND		ND		nc	30
95-50-1	1,2-Dichlorobenzene	ND		ND		nc	30
541-73-1	1,3-Dichlorobenzene	ND		ND		nc	30
106-46-7	1,4-Dichlorobenzene	ND		ND		nc	30
75-71-8	Dichlorodifluoromethane	ND		ND		nc	30
75-34-3	1,1-Dichloroethane	ND		ND		nc	30
107-06-2	1,2-Dichloroethane	ND		ND		nc	30
75-35-4	1,1-Dichloroethene	ND		ND		nc	30
156-59-2	cis-1,2-Dichloroethene	ND		ND		nc	30
156-60-5	trans-1,2-Dichloroethene	ND		ND		nc	30
78-87-5	1,2-Dichloropropane	ND		ND		nc	30
142-28-9	1,3-Dichloropropane	ND		ND		nc	30
594-20-7	2,2-Dichloropropane	ND		ND		nc	30
563-58-6	1,1-Dichloropropene	ND		ND		nc	30
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	30
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	30

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 3

Job Number: JC83649

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83649-4DUP	3C150102.D	1	03/06/19	PS	n/a	n/a	V3C6761
JC83649-4	3C150092.D	1	03/06/19	PS	n/a	n/a	V3C6761

The QC reported here applies to the following samples:

Method: SW846 8260C

JC83649-1, JC83649-2, JC83649-3, JC83649-4, JC83649-5, JC83649-8, JC83649-9, JC83649-10, JC83649-11, JC83649-12, JC83649-15, JC83649-16, JC83649-17, JC83649-18

CAS No.	Compound	JC83649-4 ug/kg	DUP Q	ug/kg	Q	RPD	Limits
100-41-4	Ethylbenzene	ND	ND			nc	30
87-68-3	Hexachlorobutadiene	ND	ND			nc	30
98-82-8	Isopropylbenzene	ND	ND			nc	30
99-87-6	p-Isopropyltoluene	ND	ND			nc	30
1634-04-4	Methyl Tert Butyl Ether	ND	ND			nc	30
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND			nc	30
74-95-3	Methylene bromide	ND	ND			nc	30
75-09-2	Methylene chloride	ND	ND			nc	36
91-20-3	Naphthalene	ND	ND			nc	30
103-65-1	n-Propylbenzene	ND	ND			nc	30
100-42-5	Styrene	ND	ND			nc	30
630-20-6	1,1,1,2-Tetrachloroethane	ND	ND			nc	30
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND			nc	30
127-18-4	Tetrachloroethene	ND	ND			nc	30
108-88-3	Toluene	ND	ND			nc	24
87-61-6	1,2,3-Trichlorobenzene	ND	ND			nc	30
120-82-1	1,2,4-Trichlorobenzene	ND	ND			nc	30
71-55-6	1,1,1-Trichloroethane	ND	ND			nc	30
79-00-5	1,1,2-Trichloroethane	ND	ND			nc	30
79-01-6	Trichloroethene	ND	ND			nc	30
75-69-4	Trichlorofluoromethane	ND	ND			nc	30
96-18-4	1,2,3-Trichloropropane	ND	ND			nc	30
95-63-6	1,2,4-Trimethylbenzene	ND	ND			nc	30
108-67-8	1,3,5-Trimethylbenzene	ND	ND			nc	30
75-01-4	Vinyl chloride	ND	ND			nc	30
	m,p-Xylene	ND	ND			nc	32
95-47-6	o-Xylene	ND	ND			nc	30
1330-20-7	Xylene (total)	ND	ND			nc	33

CAS No.	Surrogate Recoveries	DUP	JC83649-4	Limits
1868-53-7	Dibromofluoromethane	104%	103%	75-127%
17060-07-0	1,2-Dichloroethane-D4	105%	101%	75-130%
2037-26-5	Toluene-D8	99%	98%	80-120%
460-00-4	4-Bromofluorobenzene	107%	101%	79-127%

* = Outside of Control Limits.

Duplicate Summary

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC83649-4DUP	3C150102.D	1	03/06/19	PS	n/a	n/a	V3C6761
JC83649-4	3C150092.D	1	03/06/19	PS	n/a	n/a	V3C6761

The QC reported here applies to the following samples: Method: SW846 8260C

JC83649-1, JC83649-2, JC83649-3, JC83649-4, JC83649-5, JC83649-8, JC83649-9, JC83649-10, JC83649-11, JC83649-12, JC83649-15, JC83649-16, JC83649-17, JC83649-18

(a) Outside control limits due to sample non-homogeneity.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V3C6743-BFB
Lab File ID: 3C149621.D
Instrument ID: GCMS3C
Injection Date: 02/13/19
Injection Time: 17:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	20405	18.6	Pass
75	30.0 - 60.0% of mass 95	53912	49.2	Pass
95	Base peak, 100% relative abundance	109629	100.0	Pass
96	5.0 - 9.0% of mass 95	7437	6.78	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	102597	93.6	Pass
175	5.0 - 9.0% of mass 174	7596	6.93 (7.40) ^a	Pass
176	95.0 - 101.0% of mass 174	99168	90.5 (96.7) ^a	Pass
177	5.0 - 9.0% of mass 176	6330	5.77 (6.38) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3C6743-IC6743	3C149623.D	02/13/19	18:33	01:06	Initial cal 0.5
V3C6743-IC6743	3C149624.D	02/13/19	18:56	01:29	Initial cal 1
V3C6743-IC6743	3C149628.D	02/13/19	20:29	03:02	Initial cal 2
V3C6743-IC6743	3C149629.D	02/13/19	20:52	03:25	Initial cal 4
V3C6743-IC6743	3C149630.D	02/13/19	21:15	03:48	Initial cal 8
V3C6743-IC6743	3C149631.D	02/13/19	21:39	04:12	Initial cal 20
V3C6743-ICC6743	3C149632.D	02/13/19	22:02	04:35	Initial cal 50
V3C6743-IC6743	3C149633.D	02/13/19	22:25	04:58	Initial cal 100
V3C6743-IC6743	3C149634.D	02/13/19	22:48	05:21	Initial cal 200
V3C6743-ICV6743	3C149637.D	02/13/19	23:59	06:32	Initial cal verification 50
V3C6743-ICV6743	3C149638.D	02/14/19	00:23	06:56	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: V3C6761-BFB
Lab File ID: 3C150084.D
Instrument ID: GCMS3C
Injection Date: 03/06/19
Injection Time: 09:39

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	16173	17.1	Pass
75	30.0 - 60.0% of mass 95	45333	47.8	Pass
95	Base peak, 100% relative abundance	94773	100.0	Pass
96	5.0 - 9.0% of mass 95	6449	6.80	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	96037	101.3	Pass
175	5.0 - 9.0% of mass 174	6978	7.36 (7.27) ^a	Pass
176	95.0 - 101.0% of mass 174	94320	99.5 (98.2) ^a	Pass
177	5.0 - 9.0% of mass 176	6282	6.63 (6.66) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3C6761-CC6743	3C150084.D	03/06/19	09:39	00:00	Continuing cal 50
V3C6761-BS	3C150086.D	03/06/19	10:35	00:56	Blank Spike
ZZZZZZ	3C150088A.D	03/06/19	11:43	02:04	(unrelated sample)
V3C6761-MB	3C150088.D	03/06/19	11:43	02:04	Method Blank
JC83649-1	3C150089.D	03/06/19	12:07	02:28	SAP-72-1
JC83649-2	3C150090.D	03/06/19	12:30	02:51	SAP-72-4
JC83649-4	3C150092.D	03/06/19	13:17	03:38	SAP-72-12
JC83649-5	3C150093.D	03/06/19	13:40	04:01	SAP-72-16
JC83649-8	3C150094.D	03/06/19	14:04	04:25	SAP-73-1
JC83649-9	3C150095.D	03/06/19	14:27	04:48	SAP-73-4
JC83649-10	3C150096.D	03/06/19	14:51	05:12	SAP-73-8
JC83649-11	3C150097.D	03/06/19	15:14	05:35	SAP-73-12
JC83649-12	3C150098.D	03/06/19	15:38	05:59	SAP-73-16
JC83649-1MS	3C150099.D	03/06/19	16:01	06:22	Matrix Spike
ZZZZZZ	3C150101.D	03/06/19	16:48	07:09	(unrelated sample)
JC83649-4DUP	3C150102.D	03/06/19	17:12	07:33	Duplicate
JC83649-3	3C150103.D	03/06/19	17:35	07:56	SAP-72-8
ZZZZZZ	3C150104.D	03/06/19	17:58	08:19	(unrelated sample)
ZZZZZZ	3C150105.D	03/06/19	18:22	08:43	(unrelated sample)
ZZZZZZ	3C150106.D	03/06/19	18:45	09:06	(unrelated sample)
JC83649-15	3C150107.D	03/06/19	19:09	09:30	SAP-74-4
JC83649-16	3C150108.D	03/06/19	19:32	09:53	SAP-74-8
JC83649-17	3C150109.D	03/06/19	19:56	10:17	SAP-74-12
JC83649-18	3C150110.D	03/06/19	20:19	10:40	SAP-74-16

Instrument Performance Check (BFB)

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample:	V3C6761-BFB	Injection Date:	03/06/19
Lab File ID:	3C150084.D	Injection Time:	09:39
Instrument ID:	GCMS3C		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	3C150112.D	03/06/19	21:06	11:27	(unrelated sample)

5.6.2
5

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10552-BFB
Lab File ID: D261493.D
Instrument ID: GCMSD
Injection Date: 01/10/19
Injection Time: 18:32

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	12541	17.8	Pass
75	30.0 - 60.0% of mass 95	33480	47.6	Pass
95	Base peak, 100% relative abundance	70402	100.0	Pass
96	5.0 - 9.0% of mass 95	4644	6.60	Pass
173	Less than 2.0% of mass 174	284	0.40 (0.48) ^a	Pass
174	50.0 - 150.0% of mass 95	58992	83.8	Pass
175	5.0 - 9.0% of mass 174	4190	5.95 (7.10) ^a	Pass
176	95.0 - 101.0% of mass 174	57453	81.6 (97.4) ^a	Pass
177	5.0 - 9.0% of mass 176	3835	5.45 (6.68) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10552-IC10552	D261495.D	01/10/19	19:42	01:10	Initial cal 0.5
VD10552-IC10552	D261496.D	01/10/19	20:10	01:38	Initial cal 1
VD10552-IC10552	D261497.D	01/10/19	20:39	02:07	Initial cal 2
VD10552-IC10552	D261498.D	01/10/19	21:08	02:36	Initial cal 4
VD10552-IC10552	D261499.D	01/10/19	21:36	03:04	Initial cal 8
VD10552-IC10552	D261500.D	01/10/19	22:05	03:33	Initial cal 20
VD10552-ICC10552	D261501.D	01/10/19	22:34	04:02	Initial cal 50
VD10552-IC10552	D261502.D	01/10/19	23:02	04:30	Initial cal 100
VD10552-IC10552	D261503.D	01/10/19	23:31	04:59	Initial cal 200
VD10552-ICV10552	D261506.D	01/11/19	00:57	06:25	Initial cal verification 50
VD10552-ICV10552	D261507.D	01/11/19	01:26	06:54	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC83649
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VD10603-BFB
Lab File ID: D262912.D
Instrument ID: GCMSD
Injection Date: 03/11/19
Injection Time: 07:44

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	12025	17.4	Pass
75	30.0 - 60.0% of mass 95	33384	48.2	Pass
95	Base peak, 100% relative abundance	69296	100.0	Pass
96	5.0 - 9.0% of mass 95	4519	6.52	Pass
173	Less than 2.0% of mass 174	369	0.53 (0.59) ^a	Pass
174	50.0 - 150.0% of mass 95	62939	90.8	Pass
175	5.0 - 9.0% of mass 174	4704	6.79 (7.47) ^a	Pass
176	95.0 - 101.0% of mass 174	61083	88.1 (97.1) ^a	Pass
177	5.0 - 9.0% of mass 176	4044	5.84 (6.62) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VD10603-CC10552	D262912.D	03/11/19	07:44	00:00	Continuing cal 50
VD10603-BS	D262913.D	03/11/19	08:25	00:41	Blank Spike
VD10603-MB	D262915.D	03/11/19	09:36	01:52	Method Blank
ZZZZZZ	D262915A.D	03/11/19	09:36	01:52	(unrelated sample)
ZZZZZZ	D262916.D	03/11/19	10:06	02:22	(unrelated sample)
JC83608-41	D262920.D	03/11/19	12:00	04:16	(used for QC only; not part of job JC83649)
ZZZZZZ	D262921.D	03/11/19	12:29	04:45	(unrelated sample)
ZZZZZZ	D262922.D	03/11/19	12:58	05:14	(unrelated sample)
ZZZZZZ	D262923.D	03/11/19	13:26	05:42	(unrelated sample)
ZZZZZZ	D262924.D	03/11/19	13:54	06:10	(unrelated sample)
JC83608-41MS	D262925.D	03/11/19	14:23	06:39	Matrix Spike
JC83608-41MSD	D262926.D	03/11/19	14:51	07:07	Matrix Spike Duplicate
JC83649-1	D262928.D	03/11/19	15:48	08:04	SAP-72-1
JC83649-2	D262929.D	03/11/19	16:17	08:33	SAP-72-4
JC83649-9	D262930.D	03/11/19	16:45	09:01	SAP-73-4
JC83649-16	D262931.D	03/11/19	17:14	09:30	SAP-74-8
ZZZZZZ	D262933.D	03/11/19	18:11	10:27	(unrelated sample)
ZZZZZZ	D262934.D	03/11/19	18:40	10:56	(unrelated sample)
ZZZZZZ	D262935.D	03/11/19	19:08	11:24	(unrelated sample)

Surrogate Recovery Summary

Page 1 of 1

Job Number: JC83649

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC83649-1	D262928.D	96	111	101	101
JC83649-1	3C150089.D	104	103	97	97
JC83649-2	D262929.D	95	109	100	102
JC83649-2	3C150090.D	102	100	96	98
JC83649-3	3C150103.D	104	103	100	104
JC83649-4	3C150092.D	103	101	98	101
JC83649-5	3C150093.D	102	99	99	103
JC83649-8	3C150094.D	104	104	96	97
JC83649-9	D262930.D	95	110	100	101
JC83649-9	3C150095.D	104	102	97	98
JC83649-10	3C150096.D	104	100	98	101
JC83649-11	3C150097.D	105	106	102	117
JC83649-12	3C150098.D	103	101	97	98
JC83649-15	3C150107.D	104	102	95	98
JC83649-16	D262931.D	95	110	101	102
JC83649-16	3C150108.D	106	102	97	101
JC83649-17	3C150109.D	102	99	98	100
JC83649-18	3C150110.D	102	101	99	99
JC83608-41MS	D262925.D	95	112	102	108
JC83608-41MSD	D262926.D	98	114	101	111
JC83649-1MS	3C150099.D	104	102	97	97
JC83649-4DUP	3C150102.D	104	105	99	107
V3C6761-BS	3C150086.D	101	100	98	97
V3C6761-MB	3C150088.D	101	93	97	97
VD10603-BS	D262913.D	100	119	103	97
VD10603-MB	D262915.D	97	119	100	101

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane	75-127%
S2 = 1,2-Dichloroethane-D4	75-130%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	79-127%

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Arcadis

GE, 13th Street, Tell City, IN

ARC11016.1000

SGS Job Number: JC90102

Sampling Dates: 06/10/19 - 06/12/19

Report to:

Arcadis
150 West Market Suite 728
Indianapolis, IN 46204
Daniel.Petzold@Arcadis.com

ATTN: Daniel Petzold

Total number of pages in report: **165**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Brian McGuire
General Manager

Client Service contact: Kelly Ramos 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.



June 28, 2019

**Mr. Daniel Petzold
Arcadis
150 West Market Suite 728
Indianapolis, IN 46204**

RE: SGS – Dayton, Job # JC90102 – Reissues

Dear Mr. Petzold:

The final report for SGS job number JC90102 has been edited to reflect corrections to the final results. These edits have been incorporated into the revised report which is attached.

Specifically, the sample's ID of JC90102-6 has been revised to reflect matching chain of custody. The attached revised report incorporates these revisions.

SGS apologizes for this occurrence and for any inconvenience this situation may have caused. Please contact me if I can be of further assistance in this matter.

Sincerely,

Report Department

SGS North America Inc.



CONTINUOUS SERVICE IMPROVEMENT!

Our goal is to continuously improve our service to you. Please share your ideas about how we can serve you better at

EHS.US.CustomerCare@sgs.com. Your feedback is appreciated!



Table of Contents

-1-

Section 1: Sample Summary	5
Section 2: Summary of Hits	9
Section 3: Sample Results	14
3.1: JC90102-1: MW-1 (061019)	15
3.2: JC90102-2: MW-2 (061019)	17
3.3: JC90102-3: MW-3 (061019)	19
3.4: JC90102-4: MW-4 (061019)	21
3.5: JC90102-5: MW-7 (061019)	23
3.6: JC90102-6: MW-6S (061019)	26
3.7: JC90102-7: MW-6D (061019)	28
3.8: JC90102-8: MW-8S (061019)	30
3.9: JC90102-9: MW-8D (061019)	32
3.10: JC90102-10: MW-15 (061019)	34
3.11: JC90102-11: DUP-1 (061019)	37
3.12: JC90102-12: MW-9S (061219)	40
3.13: JC90102-13: MW-9D (061219)	43
3.14: JC90102-14: MW-5S (061219)	46
3.15: JC90102-15: MW-5D (061219)	49
3.16: JC90102-16: MW-11 (061219)	52
3.17: JC90102-17: MW-12 (061219)	55
3.18: JC90102-18: MW-13 (061219)	58
3.19: JC90102-19: MW-14 (061219)	61
3.20: JC90102-20: TB-1	64
3.21: JC90102-21: MW-10D (061119)	67
3.22: JC90102-22: MW-21D (061119)	70
3.23: JC90102-23: MW-21I (061119)	72
3.24: JC90102-24: MW-21S (061119)	74
3.25: JC90102-25: MW-20S (061119)	76
3.26: JC90102-26: MW-20I (061119)	78
3.27: JC90102-27: MW-20D (061119)	80
3.28: JC90102-28: MW-19S (061119)	82
3.29: JC90102-29: MW-19I (061119)	84
3.30: JC90102-30: MW-19D (061119)	86
3.31: JC90102-31: MW-10S (061119)	88
3.32: JC90102-32: DUP-2 (061119)	90
3.33: JC90102-33: MW-16S (061119)	92
3.34: JC90102-34: MW-16I (061119)	94
3.35: JC90102-35: MW-16D (061119)	96
3.36: JC90102-36: MW-17S (061119)	98
3.37: JC90102-37: MW-17I (061119)	100
3.38: JC90102-38: MW-17D (061119)	102
3.39: JC90102-39: MW-18S (061119)	104

Table of Contents

-2-

3.40: JC90102-40: MW-18I (061119) 106

Section 4: Misc. Forms 108

4.1: Chain of Custody 109

Section 5: MS Volatiles - QC Data Summaries 117

5.1: Method Blank Summary 118

5.2: Blank Spike Summary 132

5.3: Matrix Spike Summary 142

5.4: Matrix Spike/Matrix Spike Duplicate Summary 144

5.5: Duplicate Summary 156

5.6: Instrument Performance Checks (BFB) 158

5.7: Surrogate Recovery Summaries 164



Sample Summary

Arcadis

Job No: JC90102

GE, 13th Street, Tell City, IN
Project No: ARC11016.1000

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JC90102-1	06/10/19	17:35	SO	06/14/19	AQ Ground Water	MW-1 (061019)
JC90102-2	06/10/19	15:25	SO	06/14/19	AQ Ground Water	MW-2 (061019)
JC90102-3	06/10/19	16:30	SO	06/14/19	AQ Ground Water	MW-3 (061019)
JC90102-4	06/10/19	18:25	SO	06/14/19	AQ Ground Water	MW-4 (061019)
JC90102-5	06/10/19	19:40	SO	06/14/19	AQ Ground Water	MW-7 (061019)
JC90102-6	06/10/19	15:15	SO	06/14/19	AQ Ground Water	MW-6S (061019)
JC90102-7	06/10/19	16:00	SO	06/14/19	AQ Ground Water	MW-6D (061019)
JC90102-8	06/10/19	17:20	SO	06/14/19	AQ Ground Water	MW-8S (061019)
JC90102-9	06/10/19	18:40	SO	06/14/19	AQ Ground Water	MW-8D (061019)
JC90102-10	06/10/19	19:40	SO	06/14/19	AQ Ground Water	MW-15 (061019)
JC90102-11	06/10/19	00:00	SO	06/14/19	AQ Ground Water	DUP-1 (061019)
JC90102-12	06/12/19	12:30	SO	06/14/19	AQ Ground Water	MW-9S (061219)
JC90102-13	06/12/19	11:50	SO	06/14/19	AQ Ground Water	MW-9D (061219)



Sample Summary
(continued)

Arcadis

Job No: JC90102

GE, 13th Street, Tell City, IN
Project No: ARC11016.1000

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JC90102-14	06/12/19	09:20	SO	06/14/19	AQ Ground Water	MW-5S (061219)
JC90102-15	06/12/19	10:05	SO	06/14/19	AQ Ground Water	MW-5D (061219)
JC90102-16	06/12/19	09:25	SO	06/14/19	AQ Ground Water	MW-11 (061219)
JC90102-17	06/12/19	10:20	SO	06/14/19	AQ Ground Water	MW-12 (061219)
JC90102-18	06/12/19	11:33	SO	06/14/19	AQ Ground Water	MW-13 (061219)
JC90102-19	06/12/19	12:45	SO	06/14/19	AQ Ground Water	MW-14 (061219)
JC90102-20	06/12/19	12:45	SO	06/14/19	AQ Trip Blank Water	TB-1
JC90102-21	06/11/19	18:15	SO	06/14/19	AQ Ground Water	MW-10D (061119)
JC90102-22	06/11/19	16:55	SO	06/14/19	AQ Ground Water	MW-21D (061119)
JC90102-23	06/11/19	15:40	SO	06/14/19	AQ Ground Water	MW-21I (061119)
JC90102-24	06/11/19	15:25	SO	06/14/19	AQ Ground Water	MW-21S (061119)
JC90102-25	06/11/19	13:45	SO	06/14/19	AQ Ground Water	MW-20S (061119)
JC90102-26	06/11/19	11:40	SO	06/14/19	AQ Ground Water	MW-20I (061119)



Sample Summary
(continued)

Arcadis

Job No: JC90102

GE, 13th Street, Tell City, IN
Project No: ARC11016.1000

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JC90102-27	06/11/19	14:15	SO	06/14/19	AQ Ground Water	MW-20D (061119)
JC90102-28	06/11/19	09:40	SO	06/14/19	AQ Ground Water	MW-19S (061119)
JC90102-29	06/11/19	08:55	SO	06/14/19	AQ Ground Water	MW-19I (061119)
JC90102-30	06/11/19	10:30	SO	06/14/19	AQ Ground Water	MW-19D (061119)
JC90102-31	06/11/19	17:30	SO	06/14/19	AQ Ground Water	MW-10S (061119)
JC90102-32	06/11/19	00:00	SO	06/14/19	AQ Ground Water	DUP-2 (061119)
JC90102-33	06/11/19	09:10	SO	06/14/19	AQ Ground Water	MW-16S (061119)
JC90102-34	06/11/19	09:55	SO	06/14/19	AQ Ground Water	MW-16I (061119)
JC90102-35	06/11/19	10:35	SO	06/14/19	AQ Ground Water	MW-16D (061119)
JC90102-36	06/11/19	13:50	SO	06/14/19	AQ Ground Water	MW-17S (061119)
JC90102-37	06/11/19	12:50	SO	06/14/19	AQ Ground Water	MW-17I (061119)
JC90102-38	06/11/19	11:50	SO	06/14/19	AQ Ground Water	MW-17D (061119)
JC90102-39	06/11/19	15:10	SO	06/14/19	AQ Ground Water	MW-18S (061119)



Sample Summary
(continued)

Arcadis

Job No: JC90102

GE, 13th Street, Tell City, IN
Project No: ARC11016.1000

Sample Number	Collected		Matrix Code	Type	Client Sample ID
	Date	Time By			
JC90102-40	06/11/19	15:30 SO	06/14/19	AQ Ground Water	MW-18I (061119)

Summary of Hits

Job Number: JC90102
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 06/10/19 thru 06/12/19

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

JC90102-1 MW-1 (061019)

cis-1,2-Dichloroethene	2.2	1.0	0.51	ug/l	SW846 8260C
Vinyl chloride	1.1	1.0	0.79	ug/l	SW846 8260C

JC90102-2 MW-2 (061019)

cis-1,2-Dichloroethene	1.3	1.0	0.51	ug/l	SW846 8260C
Vinyl chloride	1.4	1.0	0.79	ug/l	SW846 8260C

JC90102-3 MW-3 (061019)

Benzene	15.5	0.50	0.43	ug/l	SW846 8260C
Chloroethane	4.3	1.0	0.73	ug/l	SW846 8260C
1,1-Dichloroethane	1.5	1.0	0.57	ug/l	SW846 8260C
Ethylbenzene	62.2	1.0	0.60	ug/l	SW846 8260C
Isopropylbenzene	4.6	1.0	0.65	ug/l	SW846 8260C
Methyl Tert Butyl Ether	0.75 J	1.0	0.51	ug/l	SW846 8260C
Naphthalene	2.1 J	5.0	0.98	ug/l	SW846 8260C
n-Propylbenzene	4.2	2.0	0.60	ug/l	SW846 8260C
Toluene	0.99 J	1.0	0.53	ug/l	SW846 8260C
1,2,4-Trimethylbenzene	20.2	2.0	1.0	ug/l	SW846 8260C
1,3,5-Trimethylbenzene	5.5	2.0	1.0	ug/l	SW846 8260C
m,p-Xylene	158	1.0	0.78	ug/l	SW846 8260C
o-Xylene	19.8	1.0	0.59	ug/l	SW846 8260C
Xylene (total)	178	1.0	0.59	ug/l	SW846 8260C

JC90102-4 MW-4 (061019)

cis-1,2-Dichloroethene	48.4	1.0	0.51	ug/l	SW846 8260C
Vinyl chloride	1.1	1.0	0.79	ug/l	SW846 8260C

JC90102-5 MW-7 (061019)

cis-1,2-Dichloroethene	573	10	5.1	ug/l	SW846 8260C
trans-1,2-Dichloroethene ^a	3.2	2.5	1.3	ug/l	SW846 8260C
Trichloroethene	917	10	5.3	ug/l	SW846 8260C
Vinyl chloride ^a	12.2	2.5	2.0	ug/l	SW846 8260C

JC90102-6 MW-6S (061019)

cis-1,2-Dichloroethene	842	5.0	2.5	ug/l	SW846 8260C
trans-1,2-Dichloroethene	8.9	5.0	2.7	ug/l	SW846 8260C
Trichloroethene	34.8	5.0	2.6	ug/l	SW846 8260C
Vinyl chloride	110	5.0	3.9	ug/l	SW846 8260C

Summary of Hits

Job Number: JC90102
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 06/10/19 thru 06/12/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

JC90102-7 MW-6D (061019)

cis-1,2-Dichloroethene	3.8	1.0	0.51	ug/l	SW846 8260C
Vinyl chloride	1.4	1.0	0.79	ug/l	SW846 8260C

JC90102-8 MW-8S (061019)

cis-1,2-Dichloroethene	21.2	1.0	0.51	ug/l	SW846 8260C
Tetrachloroethene	1.2	1.0	0.90	ug/l	SW846 8260C
Trichloroethene	194	1.0	0.53	ug/l	SW846 8260C

JC90102-9 MW-8D (061019)

Trichloroethene	0.65 J	1.0	0.53	ug/l	SW846 8260C
-----------------	--------	-----	------	------	-------------

JC90102-10 MW-15 (061019)

1,1-Dichloroethane	5.7	1.0	0.57	ug/l	SW846 8260C
cis-1,2-Dichloroethene	646	10	5.1	ug/l	SW846 8260C
trans-1,2-Dichloroethene	25.3	1.0	0.54	ug/l	SW846 8260C
Trichloroethene	55.2	1.0	0.53	ug/l	SW846 8260C
Vinyl chloride	4.9	1.0	0.79	ug/l	SW846 8260C

JC90102-11 DUP-1 (061019)

1,1-Dichloroethane	5.8	1.0	0.57	ug/l	SW846 8260C
cis-1,2-Dichloroethene	627	10	5.1	ug/l	SW846 8260C
trans-1,2-Dichloroethene	24.3	1.0	0.54	ug/l	SW846 8260C
Trichloroethene	55.9	1.0	0.53	ug/l	SW846 8260C
Vinyl chloride	4.7	1.0	0.79	ug/l	SW846 8260C

JC90102-12 MW-9S (061219)

No hits reported in this sample.

JC90102-13 MW-9D (061219)

No hits reported in this sample.

JC90102-14 MW-5S (061219)

Chloroform	1.1	1.0	0.50	ug/l	SW846 8260C
cis-1,2-Dichloroethene	22.0	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene	1.3	1.0	0.54	ug/l	SW846 8260C

Summary of Hits

Job Number: JC90102
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 06/10/19 thru 06/12/19

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

Tetrachloroethene		2.2	1.0	0.90	ug/l	SW846 8260C
1,1,2-Trichloroethane		1.6	1.0	0.53	ug/l	SW846 8260C
Trichloroethene		333	10	5.3	ug/l	SW846 8260C

JC90102-15 MW-5D (061219)

Trichloroethene		1.8	1.0	0.53	ug/l	SW846 8260C
-----------------	--	-----	-----	------	------	-------------

JC90102-16 MW-11 (061219)

cis-1,2-Dichloroethene		1.5	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene		2.1	1.0	0.54	ug/l	SW846 8260C
Trichloroethene		25.7	1.0	0.53	ug/l	SW846 8260C

JC90102-17 MW-12 (061219)

cis-1,2-Dichloroethene		6.2	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene		3.6	1.0	0.54	ug/l	SW846 8260C
Trichloroethene		194	1.0	0.53	ug/l	SW846 8260C

JC90102-18 MW-13 (061219)

cis-1,2-Dichloroethene		93.2	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene		23.6	1.0	0.54	ug/l	SW846 8260C
Trichloroethene		406	5.0	2.6	ug/l	SW846 8260C

JC90102-19 MW-14 (061219)

Trichloroethene		4.7	1.0	0.53	ug/l	SW846 8260C
-----------------	--	-----	-----	------	------	-------------

JC90102-20 TB-1

No hits reported in this sample.

JC90102-21 MW-10D (061119)

cis-1,2-Dichloroethene		632	5.0	2.5	ug/l	SW846 8260C
trans-1,2-Dichloroethene		6.5	1.0	0.54	ug/l	SW846 8260C
Vinyl chloride		31.3	1.0	0.79	ug/l	SW846 8260C

JC90102-22 MW-21D (061119)

No hits reported in this sample.

Summary of Hits

Job Number: JC90102
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 06/10/19 thru 06/12/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

JC90102-23 MW-21I (061119)

No hits reported in this sample.

JC90102-24 MW-21S (061119)

Tetrachloroethene	3.2	1.0	0.90	ug/l	SW846 8260C
-------------------	-----	-----	------	------	-------------

JC90102-25 MW-20S (061119)

No hits reported in this sample.

JC90102-26 MW-20I (061119)

cis-1,2-Dichloroethene	0.70 J	1.0	0.51	ug/l	SW846 8260C
Trichloroethene	12.1	1.0	0.53	ug/l	SW846 8260C

JC90102-27 MW-20D (061119)

No hits reported in this sample.

JC90102-28 MW-19S (061119)

No hits reported in this sample.

JC90102-29 MW-19I (061119)

No hits reported in this sample.

JC90102-30 MW-19D (061119)

No hits reported in this sample.

JC90102-31 MW-10S (061119)

cis-1,2-Dichloroethene	50.9	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene	0.85 J	1.0	0.54	ug/l	SW846 8260C
Trichloroethene	0.99 J	1.0	0.53	ug/l	SW846 8260C
Vinyl chloride	6.5	1.0	0.79	ug/l	SW846 8260C

JC90102-32 DUP-2 (061119)

cis-1,2-Dichloroethene	108	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene	1.7	1.0	0.54	ug/l	SW846 8260C
Trichloroethene	0.97 J	1.0	0.53	ug/l	SW846 8260C

Summary of Hits

Job Number: JC90102
Account: Arcadis
Project: GE, 13th Street, Tell City, IN
Collected: 06/10/19 thru 06/12/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
--------------------------	------------------	-----------------	----	-----	-------	--------

Vinyl chloride		14.6	1.0	0.79	ug/l	SW846 8260C
----------------	--	------	-----	------	------	-------------

JC90102-33 MW-16S (061119)

No hits reported in this sample.

JC90102-34 MW-16I (061119)

No hits reported in this sample.

JC90102-35 MW-16D (061119)

No hits reported in this sample.

JC90102-36 MW-17S (061119)

Trichloroethene		30.4	1.0	0.53	ug/l	SW846 8260C
-----------------	--	------	-----	------	------	-------------

JC90102-37 MW-17I (061119)

cis-1,2-Dichloroethene		2.2	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene		2.0	1.0	0.54	ug/l	SW846 8260C
Trichloroethene		127	1.0	0.53	ug/l	SW846 8260C

JC90102-38 MW-17D (061119)

cis-1,2-Dichloroethene		62.3	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene		2.3	1.0	0.54	ug/l	SW846 8260C
Trichloroethene		1.4	1.0	0.53	ug/l	SW846 8260C

JC90102-39 MW-18S (061119)

No hits reported in this sample.

JC90102-40 MW-18I (061119)

No hits reported in this sample.

(a) Diluted due to high concentration of target compound.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-1	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250982.D	1	06/20/19 01:13	DG	n/a	n/a	VA9702
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	2.2	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-1 (061019)
Lab Sample ID: JC90102-1
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/10/19
Date Received: 06/14/19
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	1.1	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-120%
17060-07-0	1,2-Dichloroethane-D4	101%		81-124%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-2	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250983.D	1	06/20/19 01:42	DG	n/a	n/a	VA9702
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.3	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-2 (061019)
Lab Sample ID: JC90102-2
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/10/19**Date Received:** 06/14/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	1.4	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		81-124%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	97%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-3	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250984.D	1	06/20/19 02:11	DG	n/a	n/a	VA9702
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	15.5	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	4.3	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	1.5	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-3 (061019)
Lab Sample ID: JC90102-3
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/10/19
Date Received: 06/14/19
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	62.2	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	4.6	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.75	1.0	0.51	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	2.1	5.0	0.98	ug/l	J
103-65-1	n-Propylbenzene	4.2	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	0.99	1.0	0.53	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	20.2	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	5.5	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	158	1.0	0.78	ug/l	
95-47-6	o-Xylene	19.8	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	178	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-120%
17060-07-0	1,2-Dichloroethane-D4	101%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	99%		80-120%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-4	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250985.D	1	06/20/19 02:40	DG	n/a	n/a	VA9702
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	48.4	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-4	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	1.1	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	101%		81-124%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-5	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	A250930N.D	2.5	06/21/19 10:07	ED	n/a	n/a	VA9704
Run #2	A250978.D	10	06/19/19 23:17	DG	n/a	n/a	VA9702

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	15	ug/l	
71-43-2	Benzene	ND	1.3	1.1	ug/l	
108-86-1	Bromobenzene	ND	2.5	1.4	ug/l	
74-97-5	Bromochloromethane	ND	2.5	1.2	ug/l	
75-27-4	Bromodichloromethane	ND	2.5	1.5	ug/l	
75-25-2	Bromoform	ND	2.5	1.6	ug/l	
74-83-9	Bromomethane	ND	5.0	4.1	ug/l	
78-93-3	2-Butanone (MEK)	ND	25	17	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	1.3	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	1.6	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	1.7	ug/l	
56-23-5	Carbon tetrachloride	ND	2.5	1.4	ug/l	
108-90-7	Chlorobenzene	ND	2.5	1.4	ug/l	
75-00-3	Chloroethane	ND	2.5	1.8	ug/l	
67-66-3	Chloroform	ND	2.5	1.3	ug/l	
74-87-3	Chloromethane	ND	2.5	1.9	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	1.6	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	1.5	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	3.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.5	1.4	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.5	1.2	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	2.5	1.3	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	2.5	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	2.5	1.3	ug/l	
75-71-8	Dichlorodifluoromethane ^b	ND	5.0	3.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.5	1.4	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.5	1.5	ug/l	
75-35-4	1,1-Dichloroethene	ND	2.5	1.5	ug/l	
156-59-2	cis-1,2-Dichloroethene	573 ^c	10	5.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	3.2	2.5	1.3	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.5	1.3	ug/l	
142-28-9	1,3-Dichloropropane	ND	2.5	1.1	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-5	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	2.5	1.3	ug/l	
563-58-6	1,1-Dichloropropene	ND	2.5	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	1.2	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	1.1	ug/l	
100-41-4	Ethylbenzene	ND	2.5	1.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	1.4	ug/l	
98-82-8	Isopropylbenzene	ND	2.5	1.6	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	1.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	1.3	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	13	4.6	ug/l	
74-95-3	Methylene bromide	ND	2.5	1.2	ug/l	
75-09-2	Methylene chloride	ND	5.0	2.5	ug/l	
91-20-3	Naphthalene	ND	13	2.5	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/l	
100-42-5	Styrene	ND	2.5	1.7	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	1.5	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	1.6	ug/l	
127-18-4	Tetrachloroethene	ND	2.5	2.2	ug/l	
108-88-3	Toluene	ND	2.5	1.3	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	1.3	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	1.3	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.5	1.3	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.5	1.3	ug/l	
79-01-6	Trichloroethene	917 ^c	10	5.3	ug/l	
75-69-4	Trichlorofluoromethane ^b	ND	5.0	2.1	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.7	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	2.5	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	2.5	ug/l	
75-01-4	Vinyl chloride	12.2	2.5	2.0	ug/l	
	m,p-Xylene	ND	2.5	2.0	ug/l	
95-47-6	o-Xylene	ND	2.5	1.5	ug/l	
1330-20-7	Xylene (total)	ND	2.5	1.5	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	100%	80-120%
17060-07-0	1,2-Dichloroethane-D4	105%	100%	81-124%
2037-26-5	Toluene-D8	100%	99%	80-120%
460-00-4	4-Bromofluorobenzene	97%	97%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-7 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-5	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Diluted due to high concentration of target compound.
- (b) Associated CCV outside of control limits low.
- (c) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6S (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-6	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250986.D	5	06/20/19 03:09	DG	n/a	n/a	VA9702
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	30	ug/l	
71-43-2	Benzene	ND	2.5	2.1	ug/l	
108-86-1	Bromobenzene	ND	5.0	2.7	ug/l	
74-97-5	Bromochloromethane	ND	5.0	2.4	ug/l	
75-27-4	Bromodichloromethane	ND	5.0	2.9	ug/l	
75-25-2	Bromoform	ND	5.0	3.2	ug/l	
74-83-9	Bromomethane	ND	10	8.2	ug/l	
78-93-3	2-Butanone (MEK)	ND	50	34	ug/l	
104-51-8	n-Butylbenzene	ND	10	2.6	ug/l	
135-98-8	sec-Butylbenzene	ND	10	3.1	ug/l	
98-06-6	tert-Butylbenzene	ND	10	3.4	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	2.8	ug/l	
108-90-7	Chlorobenzene	ND	5.0	2.8	ug/l	
75-00-3	Chloroethane	ND	5.0	3.6	ug/l	
67-66-3	Chloroform	ND	5.0	2.5	ug/l	
74-87-3	Chloromethane	ND	5.0	3.8	ug/l	
95-49-8	o-Chlorotoluene	ND	10	3.2	ug/l	
106-43-4	p-Chlorotoluene	ND	10	3.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	6.0	ug/l	
124-48-1	Dibromochloromethane	ND	5.0	2.8	ug/l	
106-93-4	1,2-Dibromoethane	ND	5.0	2.4	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.0	2.7	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	2.7	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	2.5	ug/l	
75-71-8	Dichlorodifluoromethane	ND	10	6.8	ug/l	
75-34-3	1,1-Dichloroethane	ND	5.0	2.8	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	3.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	5.0	3.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	842	5.0	2.5	ug/l	
156-60-5	trans-1,2-Dichloroethene	8.9	5.0	2.7	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	2.5	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	2.1	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6S (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-6	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	5.0	2.6	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	4.1	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	2.4	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	2.2	ug/l	
100-41-4	Ethylbenzene	ND	5.0	3.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	10	2.8	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	3.2	ug/l	
99-87-6	p-Isopropyltoluene	ND	10	3.3	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.5	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	25	9.3	ug/l	
74-95-3	Methylene bromide	ND	5.0	2.4	ug/l	
75-09-2	Methylene chloride	ND	10	5.0	ug/l	
91-20-3	Naphthalene	ND	25	4.9	ug/l	
103-65-1	n-Propylbenzene	ND	10	3.0	ug/l	
100-42-5	Styrene	ND	5.0	3.5	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	3.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	3.3	ug/l	
127-18-4	Tetrachloroethene	ND	5.0	4.5	ug/l	
108-88-3	Toluene	ND	5.0	2.7	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	5.0	2.7	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.7	ug/l	
79-01-6	Trichloroethene	34.8	5.0	2.6	ug/l	
75-69-4	Trichlorofluoromethane	ND	10	4.2	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	10	3.5	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	10	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	110	5.0	3.9	ug/l	
	m,p-Xylene	ND	5.0	3.9	ug/l	
95-47-6	o-Xylene	ND	5.0	3.0	ug/l	
1330-20-7	Xylene (total)	ND	5.0	3.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	101%		81-124%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6D (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-7	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250987.D	1	06/20/19 03:38	DG	n/a	n/a	VA9702
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	3.8	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6D (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-7	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	1.4	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	101%		81-124%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	97%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8S (061019)	
Lab Sample ID:	JC90102-8	Date Sampled: 06/10/19
Matrix:	AQ - Ground Water	Date Received: 06/14/19
Method:	SW846 8260C	Percent Solids: n/a
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250988.D	1	06/20/19 04:07	DG	n/a	n/a	VA9702
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	21.2	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8S (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-8	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	1.2	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	194	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	101%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	95%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8D (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-9	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250989.D	1	06/20/19 04:36	DG	n/a	n/a	VA9702
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-8D (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-9	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	0.65	1.0	0.53	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	103%		81-124%
2037-26-5	Toluene-D8	98%		80-120%
460-00-4	4-Bromofluorobenzene	97%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-10	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250990.D	1	06/20/19 05:05	DG	n/a	n/a	VA9702
Run #2	A250931N.D	10	06/21/19 10:36	ED	n/a	n/a	VA9704

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	5.7	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	646 ^a	10	5.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	25.3	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-10	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	55.2	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	4.9	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	103%	107%	81-124%
2037-26-5	Toluene-D8	100%	100%	80-120%
460-00-4	4-Bromofluorobenzene	97%	95%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-15 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-10	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-11	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250991.D	1	06/20/19 05:34	DG	n/a	n/a	VA9702
Run #2	A250934N.D	10	06/21/19 12:03	ED	n/a	n/a	VA9704

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	5.8	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	627 ^a	10	5.1	ug/l	
156-60-5	trans-1,2-Dichloroethene	24.3	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-11	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	55.9	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	4.7	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	102%	80-120%
17060-07-0	1,2-Dichloroethane-D4	102%	101%	81-124%
2037-26-5	Toluene-D8	102%	98%	80-120%
460-00-4	4-Bromofluorobenzene	97%	98%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1 (061019)	Date Sampled:	06/10/19
Lab Sample ID:	JC90102-11	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9S (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-12	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250928N.D	1	06/21/19 09:10	ED	n/a	n/a	VA9704
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane ^a	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9S (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-12	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane ^a	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	99%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9S (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-12	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits low.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9D (061219)	
Lab Sample ID:	JC90102-13	Date Sampled: 06/12/19
Matrix:	AQ - Ground Water	Date Received: 06/14/19
Method:	SW846 8260C	Percent Solids: n/a
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	A250929N.D	1	06/21/19 09:38	ED	n/a	n/a	VA9704
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane ^b	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9D (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-13	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane ^b	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	97%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-9D (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-13	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) (pH= 5) Sample is not acid preserved per method/client criteria. Sample analyzed within 7 days holding time.
(b) Associated CCV outside of control limits low.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5S (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-14	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250994.D	1	06/20/19 07:01	DG	n/a	n/a	VA9702
Run #2	A250935N.D	10	06/21/19 12:31	ED	n/a	n/a	VA9704

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	1.1	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	22.0	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.3	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5S (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-14	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	2.2	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	1.6	1.0	0.53	ug/l	
79-01-6	Trichloroethene	333 ^a	10	5.3	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	104%	80-120%
17060-07-0	1,2-Dichloroethane-D4	102%	106%	81-124%
2037-26-5	Toluene-D8	100%	99%	80-120%
460-00-4	4-Bromofluorobenzene	97%	97%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5S (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-14	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5D (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-15	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250938N.D	1	06/21/19 13:57	ED	n/a	n/a	VA9704
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane ^a	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5D (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-15	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	1.8	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane ^a	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	106%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5D (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-15	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits low.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-16	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250939N.D	1	06/21/19 14:26	ED	n/a	n/a	VA9704
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane ^a	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.5	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.1	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-16	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	25.7	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane ^a	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-11 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-16	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits low.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-17	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250940N.D	1	06/21/19 14:55	ED	n/a	n/a	VA9704
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane ^a	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	6.2	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	3.6	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-17	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	194	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane ^a	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-120%
17060-07-0	1,2-Dichloroethane-D4	106%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	95%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-12 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-17	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits low.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-18	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A251012N.D	1	06/24/19 13:55	ED	n/a	n/a	VA9707
Run #2	A250937N.D	5	06/21/19 13:29	ED	n/a	n/a	VA9704

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	93.2	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	23.6	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-18	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	406 ^b	5.0	2.6	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	102%	106%	81-124%
2037-26-5	Toluene-D8	99%	102%	80-120%
460-00-4	4-Bromofluorobenzene	98%	99%	80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-13 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-18	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

- (a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-19	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250941N.D	1	06/21/19 15:23	ED	n/a	n/a	VA9704
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane ^a	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-19	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	4.7	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane ^a	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	106%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-14 (061219)	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-19	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits low.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TB-1	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-20	Date Received:	06/14/19
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250936N.D	1	06/21/19 13:00	ED	n/a	n/a	VA9704
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane ^a	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TB-1	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-20	Date Received:	06/14/19
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane ^a	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	104%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TB-1	Date Sampled:	06/12/19
Lab Sample ID:	JC90102-20	Date Received:	06/14/19
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Associated CCV outside of control limits low.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10D (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-21	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A251058.D	1	06/25/19 09:29	ED	n/a	n/a	VA9709
Run #2	A250953N.D	5	06/21/19 22:55	DG	n/a	n/a	VA9705

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	632 ^a	5.0	2.5	ug/l	
156-60-5	trans-1,2-Dichloroethene	6.5	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-10D (061119)
Lab Sample ID: JC90102-21
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19
Date Received: 06/14/19
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	31.3	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	102%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	107%	81-124%
2037-26-5	Toluene-D8	100%	99%	80-120%
460-00-4	4-Bromofluorobenzene	99%	98%	80-120%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10D (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-21	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
---------	----------	--------	----	-----	-------	---

(a) Result is from Run# 2

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21D (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-22	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250957N.D	1	06/22/19 00:50	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-21D (061119)
Lab Sample ID: JC90102-22
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19**Date Received:** 06/14/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	104%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21I (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-23	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250958N.D	1	06/22/19 01:19	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-211 (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-23	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21S (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-24	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250959N.D	1	06/22/19 01:47	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-21S (061119)
Lab Sample ID: JC90102-24
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19
Date Received: 06/14/19
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	3.2	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	97%		80-120%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20S (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-25	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250960N.D	1	06/22/19 02:16	DG	n/a	n/a	VA9705
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-20S (061119)
Lab Sample ID: JC90102-25
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19**Date Received:** 06/14/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	103%		81-124%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20I (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-26	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250961N.D	1	06/22/19 02:45	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	0.70	1.0	0.51	ug/l	J
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-20I (061119)
Lab Sample ID: JC90102-26
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19**Date Received:** 06/14/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	12.1	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	106%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20D (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-27	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250962N.D	1	06/22/19 03:13	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-20D (061119)
Lab Sample ID: JC90102-27
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19
Date Received: 06/14/19
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	97%		80-120%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19S (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-28	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250963N.D	1	06/22/19 03:42	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-19S (061119)
Lab Sample ID: JC90102-28
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19
Date Received: 06/14/19
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19I (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-29	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250964N.D	1	06/22/19 04:11	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-19I (061119)
Lab Sample ID: JC90102-29
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19
Date Received: 06/14/19
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		81-124%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	99%		80-120%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-19D (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-30	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250965N.D	1	06/22/19 04:40	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-19D (061119)
Lab Sample ID: JC90102-30
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19**Date Received:** 06/14/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-120%
17060-07-0	1,2-Dichloroethane-D4	106%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-10S (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-31	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250966N.D	1	06/22/19 05:09	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	50.9	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.85	1.0	0.54	ug/l	J
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-10S (061119)
Lab Sample ID: JC90102-31
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19**Date Received:** 06/14/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	0.99	1.0	0.53	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	6.5	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	97%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-2 (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-32	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250967N.D	1	06/22/19 05:38	DG	n/a	n/a	VA9705
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	108	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.7	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-2 (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-32	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	0.97	1.0	0.53	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	14.6	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	108%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	97%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16S (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-33	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250968N.D	1	06/22/19 06:06	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-16S (061119)
Lab Sample ID: JC90102-33
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19
Date Received: 06/14/19
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	97%		80-120%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16I (061119)	
Lab Sample ID:	JC90102-34	Date Sampled: 06/11/19
Matrix:	AQ - Ground Water	Date Received: 06/14/19
Method:	SW846 8260C	Percent Solids: n/a
Project:	GE, 13th Street, Tell City, IN	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250969N.D	1	06/22/19 06:35	DG	n/a	n/a	VA9705
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16I (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-34	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		81-124%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-16D (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-35	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250970N.D	1	06/22/19 07:04	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-16D (061119)
Lab Sample ID: JC90102-35
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19**Date Received:** 06/14/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17S (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-36	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A250971N.D	1	06/22/19 07:33	DG	n/a	n/a	VA9705
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-17S (061119)
Lab Sample ID: JC90102-36
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19
Date Received: 06/14/19
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	30.4	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	107%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	96%		80-120%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17I (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-37	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A251064.D	1	06/25/19 12:28	ED	n/a	n/a	VA9709
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	2.2	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.0	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17I (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-37	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	127	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	102%		81-124%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	99%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-17D (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-38	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A251065.D	1	06/25/19 12:58	ED	n/a	n/a	VA9709
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	62.3	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	2.3	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-17D (061119)
Lab Sample ID: JC90102-38
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19**Date Received:** 06/14/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	1.4	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	105%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-18S (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-39	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A251066.D	1	06/25/19 13:27	ED	n/a	n/a	VA9709
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-18S (061119)
Lab Sample ID: JC90102-39
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19
Date Received: 06/14/19
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	103%		81-124%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	98%		80-120%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-18I (061119)	Date Sampled:	06/11/19
Lab Sample ID:	JC90102-40	Date Received:	06/14/19
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260C		
Project:	GE, 13th Street, Tell City, IN		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A251067.D	1	06/25/19 13:57	ED	n/a	n/a	VA9709
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-18I (061119)
Lab Sample ID: JC90102-40
Matrix: AQ - Ground Water
Method: SW846 8260C
Project: GE, 13th Street, Tell City, IN

Date Sampled: 06/11/19**Date Received:** 06/14/19**Percent Solids:** n/a

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-120%
17060-07-0	1,2-Dichloroethane-D4	103%		81-124%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	101%		80-120%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



GW
WTH

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/usa

JC90102

Page 1 of 4

PN

Client / Reporting Information		Project Information		Requested Analysis		Matrix Codes	
Company Name Arcadis	Project Name GE Tell City	Billing Information (if different from Report to)		Requested Analysis		Matrix Codes	
Street Address 150 W. Market St Suite 728	Street 1412 13th Street	Company Name		Requested Analysis		Matrix Codes	
City Indianapolis IN	City Tell City IN	Street Address		Requested Analysis		Matrix Codes	
Project Contact Dan Petzold Daniel.Petzold@arcadis.com	Project # ARC11016.1006	City		Requested Analysis		Matrix Codes	
Phone # (317) 709-0081	Client Purchase Order #	State		Requested Analysis		Matrix Codes	
Sample(s) Name(s) Sydney Olund + Cameron Stewart	Project Manager Dan Petzold	Zip		Requested Analysis		Matrix Codes	
Field ID / Point of Collection	MECHANICAL	Date	Time	Sampled by	On-site	Matrix	Number of preserved bottles
1 MW-1 (061019)		6/10/19	1735	SO	G	BW	3
2 MW-2 (061019)		6/10/19	1525	SO	G	GW	3
3 MW-3 (061019)		6/10/19	1630	SO	G	GW	3
4 MW-4 (061019)		6/10/19	1825	SO	G	GW	3
5 MW-7 (061019)		6/10/19	1940	SO	G	GW	3
6 MW-65 (061019)		6/10/19	1515	CS	G	GW	3
7 MW-60 (061019)		6/10/19	1600	CS	G	GW	3
8 MW-85 (061019)		6/10/19	1720	CS	G	GW	3
9 MW-80 (061019)		6/10/19	1840	CS	G	GW	3
10 MW-15 (061019)		6/10/19	1940	CS	G	GW	3
11 Dup-1 (061019)		6/10/19		CS	G	GW	3
Turn Around Time (Business Days)		Deliverable		Comments / Special Instructions			
<input type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days <input type="checkbox"/> 2 Business Days <input type="checkbox"/> 1 Business Day <input type="checkbox"/> Other		<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NJ Reduced (Level 3) <input type="checkbox"/> Full Tier 1 (Level 4) <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NJ DQCP		<input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> MA RCP Criteria <input type="checkbox"/> CT RCP Criteria <input type="checkbox"/> State Forms <input type="checkbox"/> EDO Format			
Approved By (SGS Prep / Data)		Commercial "A" = Results only; Commercial "B" = Results + OC Summary Commercial "C" = Results + OC Summary + Partial Raw data		* 6/18/19 on (#2)			
All data available via LabLink		Approval needed for 1-3 Business Day TAT		http://www.sgs.com/en/terms-and-conditions			
Relinquished By: [Signature]	Date / Time: 6/10/19 1800	Received By: FX	Relinquished By: Kdx	Date / Time: 6/11/19 0945	Received By: [Signature]	Date / Time: 6/11/19 0945	
Relinquished By:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:	Date / Time:	
Relinquished By:	Date / Time:	Received By:	Custody Lost #	Infect <input type="checkbox"/> Not Infect		Preserved where applicable <input type="checkbox"/> Absent	
				Therm. IX		Cooler Temp. °C	

IR278

JC90102: Chain of Custody

Page 1 of 8



[illegible]


JC90102: Chain of Custody

Page 2 of 8

[illegible]

JC90102: Chain of Custody

Page 3 of 8



SGS North America Inc. - Dayton
 2235 Route 130, Dayton, NJ 08810
 TEL: 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehusa

FED-EX Tracking # _____
 Batch Order Control # _____
 SCS Order # _____
 SCS Job # **FE9006P**

6/12/19

Client / Reporting Information				Project Information				Requested Analysis												Matrix Codes	
Company Name: See pg. 1 for details				Project Name:																	DW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge SED - Sediment CR - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WFP - Wipes FIB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank
Street Address:				Street:																	
City: State: Zip:				City: State: Zip:																	
Project Contact: E-mail:				Project #:																	
Phone #:				Client Purchase Order #:				City: State: Zip:													
Sample(s) Name(s): Syrney Church and Cameron Street				Phone #:				Project Manager:				Altitude:									
Collection				Number of preserved Bottles																	
SGS Sample #	Field ID / Point of Collection	MEDICAL Vial #	Date	Time	Sampled by	Grab/Composite	Matrix	# of bottles	HQ	NOH	INNO	ALSO	NOSE	DI Water	MICH	ENDURE	LAB USE ONLY				
31	MW-105 (061119)		6/11/19	1730	SO	G	GW	3	✓												
32	MW-2 (061119)		6/11/19		SO	G	GW	3	✓												
33	MW-165 (061119)		6/11/19	910	SO	G	GW	3	✓												
34	MW-161 (061119)		6/11/19	955	SO	G	GW	3	✓												
35	MW-160 (061119)		6/11/19	1035	SO	G	GW	3	✓												
36	MW-175 (061119)		6/11/19	1350	SO	G	GW	3	✓												
37	MW-171 (061119)		6/11/19	1250	SO	G	GW	3	✓												
38	MW-170 (061119)		6/11/19	1150	SO	G	GW	3	✓												
39	MW-185 (061119)		6/11/19	1510	SO	G	GW	3	✓												
40	MW-181 (061119)		6/11/19	1530	SO	G	GW	3	✓												
Turn Around Time (Business Days)				Deliverable				Comments / Special Instructions													
Approved By SGS Pkg. / Desc: <input type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days <input type="checkbox"/> 2 Business Days <input type="checkbox"/> 1 Business Day <input type="checkbox"/> Other _____ <small>All data available via LabLink</small>				<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> NJ Reduced (Level 3) <input type="checkbox"/> Full Tier 1 (Level 4) <input type="checkbox"/> Commercial "C" <input type="checkbox"/> NJ DRGP <input type="checkbox"/> NYASP Category A <input type="checkbox"/> NYASP Category B <input type="checkbox"/> MA SICP Criteria <input type="checkbox"/> CT RCP Criteria <input type="checkbox"/> State Forms <input type="checkbox"/> EDO Format <input type="checkbox"/> DOO-OSMS				Commercial "A" = Results only, Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Flow data <small>Sample Custody must be documented below each time complex change possession, including courier delivery.</small> http://www.sgs.com/en/terms-and-conditions													
Requisitioned By: [Signature] Date / Time: 6/12/19 1100 Requisitioned By: _____ Date / Time: _____ Requisitioned By: _____ Date / Time: _____				Received By: [Signature] Date / Time: _____ Received By: _____ Date / Time: _____ Received By: _____ Date / Time: _____				Requisitioned By: [Signature] Date / Time: 6/12/19 2400 Requisitioned By: _____ Date / Time: _____ Requisitioned By: _____ Date / Time: _____				Received By: [Signature] Date / Time: _____ Received By: _____ Date / Time: _____ Received By: _____ Date / Time: _____									
Custody Seal # _____ <input type="checkbox"/> Intact <input type="checkbox"/> Not Intact				Preserved where applicable <input type="checkbox"/> Airtight <input type="checkbox"/> Therm. IZ <input type="checkbox"/> On Ice <input type="checkbox"/> Cooler Temp. °C																	

JC90102: Chain of Custody

Page 4 of 8

SGS Sample Receipt Summary

Job Number: JC90102

Client: ARCADIS

Project: GE, 13TH STREET, TELL CITY, IN

Date / Time Received: 6/14/2019 9:40:00 AM

Delivery Method:

Airbill #s:

Cooler Temps (Raw Measured) °C: Cooler 1: (2.5);

Cooler Temps (Corrected) °C: Cooler 1: (1.5);

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | IR Gun | |
| 3. Cooler media: | Ice (Bag) | |
| 4. No. Coolers: | 1 | |

Quality Control Preservation

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|--------------------------|--------------------------|
| 1. Trip Blank present / cooler: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. VOCs headspace free: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Sample Integrity - Documentation

Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions

Y or N

N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Test Strip Lot #s:

pH 1-12: 206717

pH 12+: 208717

Other: (Specify)

Comments

SM089-02 Rev. Date 12/1/16

JC90102: Chain of Custody

Page 5 of 8

Responded to by:

Response Date:

SGS Sample Receipt Summary

Job Number: JC90102

Client: Arcadis

Project: GE Tell City

Date / Time Received: 6/14/2019

Delivery Method: FedEx

Airbill #s: 1019 2801 3408

Cooler Temps (Raw Measured) °C:
Cooler Temps (Corrected) °C:
Cooler Security
Y or N
Y or N

- | | |
|--|---|
| 1. Custody Seals Present: <input checked="" type="checkbox"/> <input type="checkbox"/> | 3. COC Present: <input checked="" type="checkbox"/> <input type="checkbox"/> |
| 2. Custody Seals Intact: <input checked="" type="checkbox"/> <input type="checkbox"/> | 4. Smpl Dates/Time OK: <input checked="" type="checkbox"/> <input type="checkbox"/> |

Cooler Temperature
Y or N

- | | |
|---|---|
| 1. Temp criteria achieved: <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 2. Cooler temp verification: _____ | |
| 3. Cooler media: _____ | |
| 4. No. Coolers: _____ | 1 |

Quality Control Preservation
Y or N
N/A

- | | |
|--|--|
| 1. Trip Blank present / cooler: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| 2. Trip Blank listed on COC: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| 3. Samples preserved properly: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| 4. VOCs headspace free: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

Sample Integrity - Documentation
Y or N

- | | |
|---|--|
| 1. Sample labels present on bottles: <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 2. Container labeling complete: <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 3. Sample container label / COC agree: <input checked="" type="checkbox"/> <input type="checkbox"/> | |

Sample Integrity - Condition
Y or N

- | | |
|---|--------|
| 1. Sample recvd within HT: <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 2. All containers accounted for: <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 3. Condition of sample: _____ | Intact |

Sample Integrity - Instructions
Y or N
N/A

- | | |
|---|-------------------------------------|
| 1. Analysis requested is clear: <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests: <input type="checkbox"/> <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| 4. Compositing instructions clear: <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Test Strip Lot #s:

pH 1-12: 206717

pH 12+: 208717

Other: (Specify)
Comments

-6: ID on label is MW-16S (061019), event ID on COC is MW-6S (061019), dates/times match.
 -9: Time on label is 16:40, event time on COC is 18:40. ID's and dates match. 2 of 3 vials have macrobubbles greater than 6mm in diameter.
 -12: ID on vials is MW-5S (061219). COC has MW-9S (061219). Dates and times match.
 -13, -15, -26, -28, -36: 2 of 3 vials have macrobubbles with diameter greater than 6mm.
 -23: Time on label is 16:10. Event time on COC is 15:40. IDs and dates match.
 -40: Time on labels is 15:50. COC states 15:30. IDs and dates match.

SM089-02 Rev. Date 12/1/16

JC90102: Chain of Custody
Page 7 of 8

Sample -6: It should be MW-16S (061019)

Sample -9: Collection time is 18:40

Sample -12: It should be MW-9S (061219)

Sample -9,-13,-15,-26,-28,-36: Please proceed though vials have macrobubbles

Sample -23: Collection time is 15:40

Sample -40: Collection time is 15:30

4.1

4

JC90102: Chain of Custody

Page 8 of 8

MS Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 3

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9702-MB	A250977.D	1	06/19/19	DG	n/a	n/a	VA9702

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-1, JC90102-2, JC90102-3, JC90102-4, JC90102-5, JC90102-6, JC90102-7, JC90102-8, JC90102-9, JC90102-10, JC90102-11, JC90102-14

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	

Method Blank Summary

Page 2 of 3

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9702-MB	A250977.D	1	06/19/19	DG	n/a	n/a	VA9702

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-1, JC90102-2, JC90102-3, JC90102-4, JC90102-5, JC90102-6, JC90102-7, JC90102-8, JC90102-9, JC90102-10, JC90102-11, JC90102-14

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	98% 80-120%
17060-07-0	1,2-Dichloroethane-D4	100% 81-124%
2037-26-5	Toluene-D8	99% 80-120%
460-00-4	4-Bromofluorobenzene	97% 80-120%

Method Blank Summary

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9702-MB	A250977.D	1	06/19/19	DG	n/a	n/a	VA9702

The QC reported here applies to the following samples:

Method:

JC90102-1, JC90102-2, JC90102-3, JC90102-4, JC90102-5, JC90102-6, JC90102-7, JC90102-8, JC90102-9, JC90102-10, JC90102-11, JC90102-14

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Page 1 of 3

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9704-MB	A250927N.D	1	06/21/19	ED	n/a	n/a	VA9704

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-5, JC90102-10, JC90102-11, JC90102-12, JC90102-13, JC90102-14, JC90102-15, JC90102-16, JC90102-17, JC90102-18, JC90102-19, JC90102-20

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	

Method Blank Summary

Page 2 of 3

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9704-MB	A250927N.D	1	06/21/19	ED	n/a	n/a	VA9704

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-5, JC90102-10, JC90102-11, JC90102-12, JC90102-13, JC90102-14, JC90102-15, JC90102-16, JC90102-17, JC90102-18, JC90102-19, JC90102-20

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	101% 80-120%
17060-07-0	1,2-Dichloroethane-D4	103% 81-124%
2037-26-5	Toluene-D8	99% 80-120%
460-00-4	4-Bromofluorobenzene	100% 80-120%

Method Blank Summary

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9704-MB	A250927N.D	1	06/21/19	ED	n/a	n/a	VA9704

The QC reported here applies to the following samples:

Method:

JC90102-5, JC90102-10, JC90102-11, JC90102-12, JC90102-13, JC90102-14, JC90102-15, JC90102-16, JC90102-17, JC90102-18, JC90102-19, JC90102-20

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Page 1 of 2

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9705-MB	A250952N.D	1	06/21/19	DG	n/a	n/a	VA9705

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-21, JC90102-22, JC90102-23, JC90102-24, JC90102-25, JC90102-26, JC90102-27, JC90102-28, JC90102-29, JC90102-30, JC90102-31, JC90102-32, JC90102-33, JC90102-34, JC90102-35, JC90102-36

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	

Method Blank Summary

Page 2 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9705-MB	A250952N.D	1	06/21/19	DG	n/a	n/a	VA9705

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-21, JC90102-22, JC90102-23, JC90102-24, JC90102-25, JC90102-26, JC90102-27, JC90102-28, JC90102-29, JC90102-30, JC90102-31, JC90102-32, JC90102-33, JC90102-34, JC90102-35, JC90102-36

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	101% 80-120%
17060-07-0	1,2-Dichloroethane-D4	103% 81-124%
2037-26-5	Toluene-D8	100% 80-120%
460-00-4	4-Bromofluorobenzene	95% 80-120%

Method Blank Summary

Page 1 of 3

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9707-MB	A251000N.D	1	06/24/19	ED	n/a	n/a	VA9707

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-18

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	

Method Blank Summary

Page 2 of 3

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9707-MB	A251000N.D	1	06/24/19	ED	n/a	n/a	VA9707

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-18

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	106% 80-120%
17060-07-0	1,2-Dichloroethane-D4	106% 81-124%
2037-26-5	Toluene-D8	98% 80-120%
460-00-4	4-Bromofluorobenzene	98% 80-120%

Method Blank Summary

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9707-MB	A251000N.D	1	06/24/19	ED	n/a	n/a	VA9707

The QC reported here applies to the following samples: Method:

JC90102-18

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

Page 1 of 3

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9709-MB	A251057.D	1	06/25/19	ED	n/a	n/a	VA9709

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-21, JC90102-37, JC90102-38, JC90102-39, JC90102-40

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
106-43-4	p-Chlorotoluene	ND	2.0	0.60	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	1.4	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.43	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.82	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	

Method Blank Summary

Page 2 of 3

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9709-MB	A251057.D	1	06/25/19	ED	n/a	n/a	VA9709

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-21, JC90102-37, JC90102-38, JC90102-39, JC90102-40

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.56	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
99-87-6	p-Isopropyltoluene	ND	2.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	0.98	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
100-42-5	Styrene	ND	1.0	0.70	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.84	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	100% 80-120%
17060-07-0	1,2-Dichloroethane-D4	101% 81-124%
2037-26-5	Toluene-D8	99% 80-120%
460-00-4	4-Bromofluorobenzene	97% 80-120%

Method Blank Summary

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9709-MB	A251057.D	1	06/25/19	ED	n/a	n/a	VA9709

The QC reported here applies to the following samples: Method:

JC90102-21, JC90102-37, JC90102-38, JC90102-39, JC90102-40

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Blank Spike Summary

Page 1 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9702-BS	A250975.D	1	06/19/19	DG	n/a	n/a	VA9702

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-1, JC90102-2, JC90102-3, JC90102-4, JC90102-5, JC90102-6, JC90102-7, JC90102-8, JC90102-9, JC90102-10, JC90102-11, JC90102-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	195	98	42-150
71-43-2	Benzene	50	46.0	92	80-120
108-86-1	Bromobenzene	50	52.5	105	82-118
74-97-5	Bromochloromethane	50	48.4	97	84-121
75-27-4	Bromodichloromethane	50	48.9	98	83-120
75-25-2	Bromoform	50	51.5	103	76-129
74-83-9	Bromomethane	50	44.6	89	57-138
78-93-3	2-Butanone (MEK)	200	208	104	64-137
104-51-8	n-Butylbenzene	50	48.0	96	81-123
135-98-8	sec-Butylbenzene	50	50.5	101	84-121
98-06-6	tert-Butylbenzene	50	51.7	103	83-122
56-23-5	Carbon tetrachloride	50	48.7	97	75-135
108-90-7	Chlorobenzene	50	48.2	96	84-117
75-00-3	Chloroethane	50	47.5	95	63-132
67-66-3	Chloroform	50	44.1	88	80-119
74-87-3	Chloromethane	50	49.1	98	46-136
95-49-8	o-Chlorotoluene	50	51.0	102	84-118
106-43-4	p-Chlorotoluene	50	50.0	100	83-116
96-12-8	1,2-Dibromo-3-chloropropane	50	52.1	104	72-127
124-48-1	Dibromochloromethane	50	49.8	100	80-123
106-93-4	1,2-Dibromoethane	50	52.7	105	84-117
95-50-1	1,2-Dichlorobenzene	50	48.6	97	84-119
541-73-1	1,3-Dichlorobenzene	50	47.8	96	81-117
106-46-7	1,4-Dichlorobenzene	50	47.1	94	82-117
75-71-8	Dichlorodifluoromethane	50	43.2	86	36-149
75-34-3	1,1-Dichloroethane	50	45.7	91	79-120
107-06-2	1,2-Dichloroethane	50	42.6	85	78-126
75-35-4	1,1-Dichloroethene	50	45.4	91	69-126
156-59-2	cis-1,2-Dichloroethene	50	46.8	94	80-120
156-60-5	trans-1,2-Dichloroethene	50	48.2	96	76-120
78-87-5	1,2-Dichloropropane	50	48.6	97	82-121
142-28-9	1,3-Dichloropropane	50	49.2	98	83-115
594-20-7	2,2-Dichloropropane	50	50.4	101	65-133
563-58-6	1,1-Dichloropropene	50	45.0	90	80-121
10061-01-5	cis-1,3-Dichloropropene	50	52.1	104	83-120
10061-02-6	trans-1,3-Dichloropropene	50	51.2	102	82-121

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9702-BS	A250975.D	1	06/19/19	DG	n/a	n/a	VA9702

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-1, JC90102-2, JC90102-3, JC90102-4, JC90102-5, JC90102-6, JC90102-7, JC90102-8, JC90102-9, JC90102-10, JC90102-11, JC90102-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	46.6	93	80-120
87-68-3	Hexachlorobutadiene	50	52.3	105	75-129
98-82-8	Isopropylbenzene	50	47.7	95	83-120
99-87-6	p-Isopropyltoluene	50	51.4	103	83-122
1634-04-4	Methyl Tert Butyl Ether	50	48.6	97	80-119
108-10-1	4-Methyl-2-pentanone(MIBK)	200	195	98	71-131
74-95-3	Methylene bromide	50	49.0	98	85-120
75-09-2	Methylene chloride	50	47.1	94	77-120
91-20-3	Naphthalene	50	48.4	97	73-131
103-65-1	n-Propylbenzene	50	49.7	99	82-119
100-42-5	Styrene	50	46.2	92	82-122
630-20-6	1,1,1,2-Tetrachloroethane	50	47.6	95	82-121
79-34-5	1,1,2,2-Tetrachloroethane	50	54.2	108	76-119
127-18-4	Tetrachloroethene	50	45.0	90	70-131
108-88-3	Toluene	50	46.6	93	80-120
87-61-6	1,2,3-Trichlorobenzene	50	49.8	100	76-134
120-82-1	1,2,4-Trichlorobenzene	50	49.1	98	79-132
71-55-6	1,1,1-Trichloroethane	50	48.5	97	81-128
79-00-5	1,1,2-Trichloroethane	50	51.2	102	83-118
79-01-6	Trichloroethene	50	46.1	92	80-120
75-69-4	Trichlorofluoromethane	50	46.8	94	64-136
96-18-4	1,2,3-Trichloropropane	50	52.9	106	79-120
95-63-6	1,2,4-Trimethylbenzene	50	51.1	102	84-120
108-67-8	1,3,5-Trimethylbenzene	50	52.2	104	83-119
75-01-4	Vinyl chloride	50	55.9	112	51-135
	m,p-Xylene	100	94.0	94	80-120
95-47-6	o-Xylene	50	47.1	94	80-120
1330-20-7	Xylene (total)	150	141	94	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	80-120%
17060-07-0	1,2-Dichloroethane-D4	99%	81-124%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	107%	80-120%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9704-BS	A250925N.D	1	06/21/19	ED	n/a	n/a	VA9704

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-5, JC90102-10, JC90102-11, JC90102-12, JC90102-13, JC90102-14, JC90102-15, JC90102-16, JC90102-17, JC90102-18, JC90102-19, JC90102-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	219	110	42-150
71-43-2	Benzene	50	47.9	96	80-120
108-86-1	Bromobenzene	50	53.4	107	82-118
74-97-5	Bromochloromethane	50	49.9	100	84-121
75-27-4	Bromodichloromethane	50	51.9	104	83-120
75-25-2	Bromoform	50	52.7	105	76-129
74-83-9	Bromomethane	50	43.5	87	57-138
78-93-3	2-Butanone (MEK)	200	223	112	64-137
104-51-8	n-Butylbenzene	50	50.9	102	81-123
135-98-8	sec-Butylbenzene	50	53.2	106	84-121
98-06-6	tert-Butylbenzene	50	53.5	107	83-122
56-23-5	Carbon tetrachloride	50	49.0	98	75-135
108-90-7	Chlorobenzene	50	50.5	101	84-117
75-00-3	Chloroethane	50	46.5	93	63-132
67-66-3	Chloroform	50	47.1	94	80-119
74-87-3	Chloromethane	50	41.5	83	46-136
95-49-8	o-Chlorotoluene	50	52.4	105	84-118
106-43-4	p-Chlorotoluene	50	51.6	103	83-116
96-12-8	1,2-Dibromo-3-chloropropane	50	54.0	108	72-127
124-48-1	Dibromochloromethane	50	52.0	104	80-123
106-93-4	1,2-Dibromoethane	50	55.5	111	84-117
95-50-1	1,2-Dichlorobenzene	50	51.0	102	84-119
541-73-1	1,3-Dichlorobenzene	50	50.4	101	81-117
106-46-7	1,4-Dichlorobenzene	50	48.9	98	82-117
75-71-8	Dichlorodifluoromethane	50	42.1	84	36-149
75-34-3	1,1-Dichloroethane	50	47.9	96	79-120
107-06-2	1,2-Dichloroethane	50	45.9	92	78-126
75-35-4	1,1-Dichloroethene	50	47.4	95	69-126
156-59-2	cis-1,2-Dichloroethene	50	48.9	98	80-120
156-60-5	trans-1,2-Dichloroethene	50	48.3	97	76-120
78-87-5	1,2-Dichloropropane	50	51.4	103	82-121
142-28-9	1,3-Dichloropropane	50	52.4	105	83-115
594-20-7	2,2-Dichloropropane	50	51.4	103	65-133
563-58-6	1,1-Dichloropropene	50	47.3	95	80-121
10061-01-5	cis-1,3-Dichloropropene	50	55.8	112	83-120
10061-02-6	trans-1,3-Dichloropropene	50	55.0	110	82-121

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9704-BS	A250925N.D	1	06/21/19	ED	n/a	n/a	VA9704

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-5, JC90102-10, JC90102-11, JC90102-12, JC90102-13, JC90102-14, JC90102-15, JC90102-16, JC90102-17, JC90102-18, JC90102-19, JC90102-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	48.0	96	80-120
87-68-3	Hexachlorobutadiene	50	53.4	107	75-129
98-82-8	Isopropylbenzene	50	49.7	99	83-120
99-87-6	p-Isopropyltoluene	50	53.9	108	83-122
1634-04-4	Methyl Tert Butyl Ether	50	49.9	100	80-119
108-10-1	4-Methyl-2-pentanone(MIBK)	200	206	103	71-131
74-95-3	Methylene bromide	50	52.5	105	85-120
75-09-2	Methylene chloride	50	49.7	99	77-120
91-20-3	Naphthalene	50	50.3	101	73-131
103-65-1	n-Propylbenzene	50	51.3	103	82-119
100-42-5	Styrene	50	47.9	96	82-122
630-20-6	1,1,1,2-Tetrachloroethane	50	50.0	100	82-121
79-34-5	1,1,2,2-Tetrachloroethane	50	56.8	114	76-119
127-18-4	Tetrachloroethene	50	46.1	92	70-131
108-88-3	Toluene	50	49.0	98	80-120
87-61-6	1,2,3-Trichlorobenzene	50	52.2	104	76-134
120-82-1	1,2,4-Trichlorobenzene	50	52.7	105	79-132
71-55-6	1,1,1-Trichloroethane	50	49.8	100	81-128
79-00-5	1,1,2-Trichloroethane	50	55.2	110	83-118
79-01-6	Trichloroethene	50	47.6	95	80-120
75-69-4	Trichlorofluoromethane	50	47.1	94	64-136
96-18-4	1,2,3-Trichloropropane	50	54.6	109	79-120
95-63-6	1,2,4-Trimethylbenzene	50	52.7	105	84-120
108-67-8	1,3,5-Trimethylbenzene	50	54.2	108	83-119
75-01-4	Vinyl chloride	50	46.4	93	51-135
	m,p-Xylene	100	97.4	97	80-120
95-47-6	o-Xylene	50	49.7	99	80-120
1330-20-7	Xylene (total)	150	147	98	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	80-120%
17060-07-0	1,2-Dichloroethane-D4	98%	81-124%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	107%	80-120%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9705-BS	A250950N.D	1	06/21/19	DG	n/a	n/a	VA9705

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-21, JC90102-22, JC90102-23, JC90102-24, JC90102-25, JC90102-26, JC90102-27, JC90102-28, JC90102-29, JC90102-30, JC90102-31, JC90102-32, JC90102-33, JC90102-34, JC90102-35, JC90102-36

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	198	99	42-150
71-43-2	Benzene	50	47.5	95	80-120
108-86-1	Bromobenzene	50	52.2	104	82-118
74-97-5	Bromochloromethane	50	50.9	102	84-121
75-27-4	Bromodichloromethane	50	50.9	102	83-120
75-25-2	Bromoform	50	54.4	109	76-129
74-83-9	Bromomethane	50	43.9	88	57-138
78-93-3	2-Butanone (MEK)	200	213	107	64-137
104-51-8	n-Butylbenzene	50	49.9	100	81-123
135-98-8	sec-Butylbenzene	50	52.0	104	84-121
98-06-6	tert-Butylbenzene	50	53.6	107	83-122
56-23-5	Carbon tetrachloride	50	50.9	102	75-135
108-90-7	Chlorobenzene	50	49.4	99	84-117
75-00-3	Chloroethane	50	46.9	94	63-132
67-66-3	Chloroform	50	46.6	93	80-119
74-87-3	Chloromethane	50	39.6	79	46-136
95-49-8	o-Chlorotoluene	50	51.3	103	84-118
106-43-4	p-Chlorotoluene	50	50.7	101	83-116
96-12-8	1,2-Dibromo-3-chloropropane	50	51.9	104	72-127
124-48-1	Dibromochloromethane	50	52.0	104	80-123
106-93-4	1,2-Dibromoethane	50	55.2	110	84-117
95-50-1	1,2-Dichlorobenzene	50	49.4	99	84-119
541-73-1	1,3-Dichlorobenzene	50	49.0	98	81-117
106-46-7	1,4-Dichlorobenzene	50	48.9	98	82-117
75-71-8	Dichlorodifluoromethane	50	39.3	79	36-149
75-34-3	1,1-Dichloroethane	50	47.9	96	79-120
107-06-2	1,2-Dichloroethane	50	45.1	90	78-126
75-35-4	1,1-Dichloroethene	50	46.7	93	69-126
156-59-2	cis-1,2-Dichloroethene	50	48.9	98	80-120
156-60-5	trans-1,2-Dichloroethene	50	49.6	99	76-120
78-87-5	1,2-Dichloropropane	50	50.3	101	82-121
142-28-9	1,3-Dichloropropane	50	51.5	103	83-115
594-20-7	2,2-Dichloropropane	50	50.8	102	65-133
563-58-6	1,1-Dichloropropene	50	47.4	95	80-121
10061-01-5	cis-1,3-Dichloropropene	50	54.0	108	83-120
10061-02-6	trans-1,3-Dichloropropene	50	53.4	107	82-121

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9705-BS	A250950N.D	1	06/21/19	DG	n/a	n/a	VA9705

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-21, JC90102-22, JC90102-23, JC90102-24, JC90102-25, JC90102-26, JC90102-27, JC90102-28, JC90102-29, JC90102-30, JC90102-31, JC90102-32, JC90102-33, JC90102-34, JC90102-35, JC90102-36

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	48.0	96	80-120
87-68-3	Hexachlorobutadiene	50	52.4	105	75-129
98-82-8	Isopropylbenzene	50	49.8	100	83-120
99-87-6	p-Isopropyltoluene	50	52.5	105	83-122
1634-04-4	Methyl Tert Butyl Ether	50	51.0	102	80-119
108-10-1	4-Methyl-2-pentanone(MIBK)	200	203	102	71-131
74-95-3	Methylene bromide	50	52.8	106	85-120
75-09-2	Methylene chloride	50	48.8	98	77-120
91-20-3	Naphthalene	50	49.7	99	73-131
103-65-1	n-Propylbenzene	50	49.9	100	82-119
100-42-5	Styrene	50	47.9	96	82-122
630-20-6	1,1,1,2-Tetrachloroethane	50	50.6	101	82-121
79-34-5	1,1,2,2-Tetrachloroethane	50	55.6	111	76-119
127-18-4	Tetrachloroethene	50	46.7	93	70-131
108-88-3	Toluene	50	48.8	98	80-120
87-61-6	1,2,3-Trichlorobenzene	50	52.0	104	76-134
120-82-1	1,2,4-Trichlorobenzene	50	51.4	103	79-132
71-55-6	1,1,1-Trichloroethane	50	51.9	104	81-128
79-00-5	1,1,2-Trichloroethane	50	53.7	107	83-118
79-01-6	Trichloroethene	50	47.9	96	80-120
75-69-4	Trichlorofluoromethane	50	46.5	93	64-136
96-18-4	1,2,3-Trichloropropane	50	53.0	106	79-120
95-63-6	1,2,4-Trimethylbenzene	50	51.8	104	84-120
108-67-8	1,3,5-Trimethylbenzene	50	53.3	107	83-119
75-01-4	Vinyl chloride	50	44.9	90	51-135
	m,p-Xylene	100	97.2	97	80-120
95-47-6	o-Xylene	50	49.3	99	80-120
1330-20-7	Xylene (total)	150	146	97	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	81-124%
2037-26-5	Toluene-D8	101%	80-120%
460-00-4	4-Bromofluorobenzene	105%	80-120%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9707-BS	A250998N.D	1	06/24/19	ED	n/a	n/a	VA9707

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	238	119	42-150
71-43-2	Benzene	50	48.5	97	80-120
108-86-1	Bromobenzene	50	53.6	107	82-118
74-97-5	Bromochloromethane	50	52.1	104	84-121
75-27-4	Bromodichloromethane	50	53.3	107	83-120
75-25-2	Bromoform	50	56.5	113	76-129
74-83-9	Bromomethane	50	42.5	85	57-138
78-93-3	2-Butanone (MEK)	200	226	113	64-137
104-51-8	n-Butylbenzene	50	51.9	104	81-123
135-98-8	sec-Butylbenzene	50	52.8	106	84-121
98-06-6	tert-Butylbenzene	50	51.6	103	83-122
56-23-5	Carbon tetrachloride	50	53.0	106	75-135
108-90-7	Chlorobenzene	50	50.2	100	84-117
75-00-3	Chloroethane	50	45.8	92	63-132
67-66-3	Chloroform	50	48.5	97	80-119
74-87-3	Chloromethane	50	38.9	78	46-136
95-49-8	o-Chlorotoluene	50	53.5	107	84-118
106-43-4	p-Chlorotoluene	50	52.7	105	83-116
96-12-8	1,2-Dibromo-3-chloropropane	50	53.9	108	72-127
124-48-1	Dibromochloromethane	50	53.6	107	80-123
106-93-4	1,2-Dibromoethane	50	55.1	110	84-117
95-50-1	1,2-Dichlorobenzene	50	50.6	101	84-119
541-73-1	1,3-Dichlorobenzene	50	50.4	101	81-117
106-46-7	1,4-Dichlorobenzene	50	49.9	100	82-117
75-71-8	Dichlorodifluoromethane	50	37.7	75	36-149
75-34-3	1,1-Dichloroethane	50	49.5	99	79-120
107-06-2	1,2-Dichloroethane	50	48.1	96	78-126
75-35-4	1,1-Dichloroethene	50	46.1	92	69-126
156-59-2	cis-1,2-Dichloroethene	50	50.2	100	80-120
156-60-5	trans-1,2-Dichloroethene	50	49.3	99	76-120
78-87-5	1,2-Dichloropropane	50	52.5	105	82-121
142-28-9	1,3-Dichloropropane	50	51.7	103	83-115
594-20-7	2,2-Dichloropropane	50	54.3	109	65-133
563-58-6	1,1-Dichloropropene	50	48.4	97	80-121
10061-01-5	cis-1,3-Dichloropropene	50	56.6	113	83-120
10061-02-6	trans-1,3-Dichloropropene	50	55.2	110	82-121

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9707-BS	A250998N.D	1	06/24/19	ED	n/a	n/a	VA9707

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	49.7	99	80-120
87-68-3	Hexachlorobutadiene	50	52.2	104	75-129
98-82-8	Isopropylbenzene	50	50.7	101	83-120
99-87-6	p-Isopropyltoluene	50	53.8	108	83-122
1634-04-4	Methyl Tert Butyl Ether	50	51.9	104	80-119
108-10-1	4-Methyl-2-pentanone(MIBK)	200	209	105	71-131
74-95-3	Methylene bromide	50	54.9	110	85-120
75-09-2	Methylene chloride	50	49.4	99	77-120
91-20-3	Naphthalene	50	50.1	100	73-131
103-65-1	n-Propylbenzene	50	52.6	105	82-119
100-42-5	Styrene	50	48.7	97	82-122
630-20-6	1,1,1,2-Tetrachloroethane	50	49.8	100	82-121
79-34-5	1,1,2,2-Tetrachloroethane	50	57.2	114	76-119
127-18-4	Tetrachloroethene	50	45.3	91	70-131
108-88-3	Toluene	50	49.5	99	80-120
87-61-6	1,2,3-Trichlorobenzene	50	52.2	104	76-134
120-82-1	1,2,4-Trichlorobenzene	50	52.5	105	79-132
71-55-6	1,1,1-Trichloroethane	50	52.1	104	81-128
79-00-5	1,1,2-Trichloroethane	50	53.7	107	83-118
75-69-4	Trichlorofluoromethane	50	45.5	91	64-136
96-18-4	1,2,3-Trichloropropane	50	54.8	110	79-120
95-63-6	1,2,4-Trimethylbenzene	50	53.6	107	84-120
108-67-8	1,3,5-Trimethylbenzene	50	54.5	109	83-119
75-01-4	Vinyl chloride	50	43.9	88	51-135
	m,p-Xylene	100	101	101	80-120
95-47-6	o-Xylene	50	51.0	102	80-120
1330-20-7	Xylene (total)	150	152	101	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	80-120%
17060-07-0	1,2-Dichloroethane-D4	102%	81-124%
2037-26-5	Toluene-D8	99%	80-120%
460-00-4	4-Bromofluorobenzene	105%	80-120%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 2

Job Number: JC90102

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9709-BS	A251055.D	1	06/25/19	ED	n/a	n/a	VA9709

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-21, JC90102-37, JC90102-38, JC90102-39, JC90102-40

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	218	109	42-150
71-43-2	Benzene	50	47.0	94	80-120
108-86-1	Bromobenzene	50	53.1	106	82-118
74-97-5	Bromochloromethane	50	50.0	100	84-121
75-27-4	Bromodichloromethane	50	51.2	102	83-120
75-25-2	Bromoform	50	55.7	111	76-129
74-83-9	Bromomethane	50	40.8	82	57-138
78-93-3	2-Butanone (MEK)	200	215	108	64-137
104-51-8	n-Butylbenzene	50	50.8	102	81-123
135-98-8	sec-Butylbenzene	50	52.0	104	84-121
98-06-6	tert-Butylbenzene	50	51.3	103	83-122
56-23-5	Carbon tetrachloride	50	48.9	98	75-135
108-90-7	Chlorobenzene	50	49.8	100	84-117
75-00-3	Chloroethane	50	43.2	86	63-132
67-66-3	Chloroform	50	45.7	91	80-119
74-87-3	Chloromethane	50	36.5	73	46-136
95-49-8	o-Chlorotoluene	50	52.5	105	84-118
106-43-4	p-Chlorotoluene	50	51.6	103	83-116
96-12-8	1,2-Dibromo-3-chloropropane	50	52.3	105	72-127
124-48-1	Dibromochloromethane	50	51.9	104	80-123
106-93-4	1,2-Dibromoethane	50	53.5	107	84-117
95-50-1	1,2-Dichlorobenzene	50	50.4	101	84-119
541-73-1	1,3-Dichlorobenzene	50	50.2	100	81-117
106-46-7	1,4-Dichlorobenzene	50	48.6	97	82-117
75-71-8	Dichlorodifluoromethane	50	39.4	79	36-149
75-34-3	1,1-Dichloroethane	50	46.6	93	79-120
107-06-2	1,2-Dichloroethane	50	44.4	89	78-126
75-35-4	1,1-Dichloroethene	50	47.3	95	69-126
156-59-2	cis-1,2-Dichloroethene	50	47.8	96	80-120
156-60-5	trans-1,2-Dichloroethene	50	48.4	97	76-120
78-87-5	1,2-Dichloropropane	50	50.5	101	82-121
142-28-9	1,3-Dichloropropane	50	50.1	100	83-115
594-20-7	2,2-Dichloropropane	50	51.2	102	65-133
563-58-6	1,1-Dichloropropene	50	45.6	91	80-121
10061-01-5	cis-1,3-Dichloropropene	50	53.9	108	83-120
10061-02-6	trans-1,3-Dichloropropene	50	52.5	105	82-121

* = Outside of Control Limits.

Blank Spike Summary

Page 2 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA9709-BS	A251055.D	1	06/25/19	ED	n/a	n/a	VA9709

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-21, JC90102-37, JC90102-38, JC90102-39, JC90102-40

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	50	48.6	97	80-120
87-68-3	Hexachlorobutadiene	50	51.9	104	75-129
98-82-8	Isopropylbenzene	50	50.0	100	83-120
99-87-6	p-Isopropyltoluene	50	53.3	107	83-122
1634-04-4	Methyl Tert Butyl Ether	50	48.8	98	80-119
108-10-1	4-Methyl-2-pentanone(MIBK)	200	196	98	71-131
74-95-3	Methylene bromide	50	52.0	104	85-120
75-09-2	Methylene chloride	50	48.9	98	77-120
91-20-3	Naphthalene	50	48.3	97	73-131
103-65-1	n-Propylbenzene	50	51.6	103	82-119
100-42-5	Styrene	50	48.2	96	82-122
630-20-6	1,1,1,2-Tetrachloroethane	50	50.2	100	82-121
79-34-5	1,1,2,2-Tetrachloroethane	50	55.6	111	76-119
127-18-4	Tetrachloroethene	50	46.6	93	70-131
108-88-3	Toluene	50	48.3	97	80-120
87-61-6	1,2,3-Trichlorobenzene	50	51.0	102	76-134
120-82-1	1,2,4-Trichlorobenzene	50	50.5	101	79-132
71-55-6	1,1,1-Trichloroethane	50	48.8	98	81-128
79-00-5	1,1,2-Trichloroethane	50	52.0	104	83-118
79-01-6	Trichloroethene	50	47.6	95	80-120
75-69-4	Trichlorofluoromethane	50	44.3	89	64-136
96-18-4	1,2,3-Trichloropropane	50	52.3	105	79-120
95-63-6	1,2,4-Trimethylbenzene	50	52.4	105	84-120
108-67-8	1,3,5-Trimethylbenzene	50	53.6	107	83-119
75-01-4	Vinyl chloride	50	41.8	84	51-135
	m,p-Xylene	100	98.0	98	80-120
95-47-6	o-Xylene	50	50.0	100	80-120
1330-20-7	Xylene (total)	150	148	99	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	80-120%
17060-07-0	1,2-Dichloroethane-D4	98%	81-124%
2037-26-5	Toluene-D8	100%	80-120%
460-00-4	4-Bromofluorobenzene	107%	80-120%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC89988-5MS	A251008N.D	1	06/24/19	ED	n/a	n/a	VA9707
JC89988-5	A251001N.D	1	06/24/19	ED	n/a	n/a	VA9707

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-18

CAS No.	Compound	JC89988-5 ug/l	Spike Q	ug/l	MS ug/l	MS %	Limits
67-64-1	Acetone	ND		200	176	88	34-149
71-43-2	Benzene	ND		50	43.6	87	54-136
108-86-1	Bromobenzene	ND		50	46.7	93	78-122
74-97-5	Bromochloromethane	ND		50	45.5	91	79-124
75-27-4	Bromodichloromethane	ND		50	46.1	92	79-124
75-25-2	Bromoform	ND		50	48.4	97	71-130
74-83-9	Bromomethane	ND		50	44.2	88	53-142
78-93-3	2-Butanone (MEK)	ND		200	187	94	54-142
104-51-8	n-Butylbenzene	ND		50	46.3	93	73-133
135-98-8	sec-Butylbenzene	ND		50	49.6	99	76-132
98-06-6	tert-Butylbenzene	ND		50	47.5	95	76-131
56-23-5	Carbon tetrachloride	ND		50	48.2	96	70-143
108-90-7	Chlorobenzene	ND		50	44.0	88	78-123
75-00-3	Chloroethane	ND		50	46.1	92	57-141
67-66-3	Chloroform	ND		50	42.9	86	76-123
74-87-3	Chloromethane	ND		50	42.6	85	43-141
95-49-8	o-Chlorotoluene	ND		50	46.3	93	78-124
106-43-4	p-Chlorotoluene	ND		50	45.3	91	77-122
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	45.2	90	66-130
124-48-1	Dibromochloromethane	ND		50	46.1	92	76-125
106-93-4	1,2-Dibromoethane	ND		50	47.1	94	78-119
95-50-1	1,2-Dichlorobenzene	ND		50	44.4	89	77-123
541-73-1	1,3-Dichlorobenzene	ND		50	44.1	88	76-122
106-46-7	1,4-Dichlorobenzene	ND		50	42.8	86	76-122
75-71-8	Dichlorodifluoromethane	ND		50	50.5	101	31-159
75-34-3	1,1-Dichloroethane	ND		50	43.8	88	73-126
107-06-2	1,2-Dichloroethane	ND		50	40.2	80	72-131
75-35-4	1,1-Dichloroethene	ND		50	45.1	90	63-136
156-59-2	cis-1,2-Dichloroethene	ND		50	44.8	90	60-136
156-60-5	trans-1,2-Dichloroethene	ND		50	44.9	90	70-126
78-87-5	1,2-Dichloropropane	ND		50	45.0	90	78-124
142-28-9	1,3-Dichloropropane	ND		50	44.5	89	78-118
594-20-7	2,2-Dichloropropane	ND		50	50.5	101	59-141
563-58-6	1,1-Dichloropropene	ND		50	45.0	90	75-130
10061-01-5	cis-1,3-Dichloropropene	ND		50	48.2	96	79-123
10061-02-6	trans-1,3-Dichloropropene	ND		50	47.6	95	77-123

* = Outside of Control Limits.

Matrix Spike Summary

Page 2 of 2

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC89988-5MS	A251008N.D	1	06/24/19	ED	n/a	n/a	VA9707
JC89988-5	A251001N.D	1	06/24/19	ED	n/a	n/a	VA9707

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-18

CAS No.	Compound	JC89988-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
100-41-4	Ethylbenzene	ND		50	44.4	89	51-140
87-68-3	Hexachlorobutadiene	ND		50	48.8	98	64-141
98-82-8	Isopropylbenzene	ND		50	46.5	93	75-129
99-87-6	p-Isopropyltoluene	ND		50	48.7	97	76-131
1634-04-4	Methyl Tert Butyl Ether	0.53	J	50	45.4	90	72-123
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		200	177	89	66-136
74-95-3	Methylene bromide	ND		50	46.2	92	81-121
75-09-2	Methylene chloride	ND		50	44.5	89	73-125
91-20-3	Naphthalene	ND		50	43.8	88	62-141
103-65-1	n-Propylbenzene	ND		50	46.3	93	68-133
100-42-5	Styrene	ND		50	42.5	85	75-129
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	46.0	92	77-124
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	49.1	98	71-122
127-18-4	Tetrachloroethene	1.6		50	45.2	87	61-139
108-88-3	Toluene	ND		50	44.7	89	60-135
87-61-6	1,2,3-Trichlorobenzene	ND		50	45.6	91	70-138
120-82-1	1,2,4-Trichlorobenzene	ND		50	46.1	92	72-137
71-55-6	1,1,1-Trichloroethane	ND		50	47.8	96	74-138
79-00-5	1,1,2-Trichloroethane	ND		50	47.3	95	78-121
75-69-4	Trichlorofluoromethane	ND		50	50.4	101	57-149
96-18-4	1,2,3-Trichloropropane	ND		50	46.4	93	74-122
95-63-6	1,2,4-Trimethylbenzene	ND		50	47.0	94	54-143
108-67-8	1,3,5-Trimethylbenzene	ND		50	48.4	97	67-133
75-01-4	Vinyl chloride	ND		50	48.7	97	43-146
	m,p-Xylene	ND		100	88.7	89	50-144
95-47-6	o-Xylene	ND		50	45.0	90	63-134
1330-20-7	Xylene (total)	ND		150	134	89	56-139

CAS No.	Surrogate Recoveries	MS	JC89988-5	Limits
1868-53-7	Dibromofluoromethane	101%	105%	80-120%
17060-07-0	1,2-Dichloroethane-D4	99%	108%	81-124%
2037-26-5	Toluene-D8	102%	99%	80-120%
460-00-4	4-Bromofluorobenzene	104%	97%	80-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC90102-5MS	A250979.D	10	06/19/19	DG	n/a	n/a	VA9702
JC90102-5MSD	A250980.D	10	06/20/19	DG	n/a	n/a	VA9702
JC90102-5	A250978.D	10	06/19/19	DG	n/a	n/a	VA9702

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-1, JC90102-2, JC90102-3, JC90102-4, JC90102-5, JC90102-6, JC90102-7, JC90102-8, JC90102-9, JC90102-10, JC90102-11, JC90102-14

CAS No.	Compound	JC90102-5 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		2000	98	2000	1940	97	1	34-149/17
71-43-2	Benzene	ND		500	93	500	464	93	1	54-136/10
108-86-1	Bromobenzene	ND		500	106	500	526	105	1	78-122/11
74-97-5	Bromochloromethane	ND		500	101	500	506	101	1	79-124/11
75-27-4	Bromodichloromethane	ND		500	101	500	500	100	1	79-124/11
75-25-2	Bromoform	ND		500	109	500	546	109	1	71-130/11
74-83-9	Bromomethane	ND		500	81	500	418	84	3	53-142/14
78-93-3	2-Butanone (MEK)	ND		2000	107	2000	2130	107	0	54-142/15
104-51-8	n-Butylbenzene	ND		500	99	500	503	101	2	73-133/12
135-98-8	sec-Butylbenzene	ND		500	101	500	507	101	1	76-132/12
98-06-6	tert-Butylbenzene	ND		500	98	500	498	100	2	76-131/12
56-23-5	Carbon tetrachloride	ND		500	97	500	480	96	1	70-143/12
108-90-7	Chlorobenzene	ND		500	96	500	490	98	2	78-123/10
75-00-3	Chloroethane	ND		500	85	500	426	85	0	57-141/14
67-66-3	Chloroform	ND		500	90	500	446	89	1	76-123/11
74-87-3	Chloromethane	ND		500	90	500	451	90	0	43-141/16
95-49-8	o-Chlorotoluene	ND		500	101	500	522	104	3	78-124/11
106-43-4	p-Chlorotoluene	ND		500	101	500	508	102	0	77-122/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	105	500	542	108	3	66-130/13
124-48-1	Dibromochloromethane	ND		500	101	500	512	102	1	76-125/11
106-93-4	1,2-Dibromoethane	ND		500	108	500	553	111	2	78-119/11
95-50-1	1,2-Dichlorobenzene	ND		500	99	500	497	99	0	77-123/11
541-73-1	1,3-Dichlorobenzene	ND		500	96	500	493	99	3	76-122/11
106-46-7	1,4-Dichlorobenzene	ND		500	95	500	483	97	1	76-122/11
75-71-8	Dichlorodifluoromethane	ND		500	91	500	466	93	3	31-159/16
75-34-3	1,1-Dichloroethane	ND		500	91	500	450	90	1	73-126/11
107-06-2	1,2-Dichloroethane	ND		500	88	500	440	88	0	72-131/11
75-35-4	1,1-Dichloroethene	ND		500	91	500	449	90	1	63-136/14
156-59-2	cis-1,2-Dichloroethene	573		500	74	500	931	72	1	60-136/11
156-60-5	trans-1,2-Dichloroethene	ND		500	94	500	471	94	0	70-126/11
78-87-5	1,2-Dichloropropane	ND		500	100	500	496	99	1	78-124/10
142-28-9	1,3-Dichloropropane	ND		500	101	500	510	102	1	78-118/11
594-20-7	2,2-Dichloropropane	ND		500	98	500	481	96	1	59-141/14
563-58-6	1,1-Dichloropropene	ND		500	92	500	456	91	0	75-130/11
10061-01-5	cis-1,3-Dichloropropene	ND		500	107	500	541	108	1	79-123/11
10061-02-6	trans-1,3-Dichloropropene	ND		500	101	500	522	104	3	77-123/11

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC90102-5MS	A250979.D	10	06/19/19	DG	n/a	n/a	VA9702
JC90102-5MSD	A250980.D	10	06/20/19	DG	n/a	n/a	VA9702
JC90102-5	A250978.D	10	06/19/19	DG	n/a	n/a	VA9702

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-1, JC90102-2, JC90102-3, JC90102-4, JC90102-5, JC90102-6, JC90102-7, JC90102-8, JC90102-9, JC90102-10, JC90102-11, JC90102-14

CAS No.	Compound	JC90102-5 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD	
100-41-4	Ethylbenzene	ND		500	462	92	500	469	94	2	51-140/20
87-68-3	Hexachlorobutadiene	ND		500	492	98	500	529	106	7	64-141/14
98-82-8	Isopropylbenzene	ND		500	471	94	500	480	96	2	75-129/11
99-87-6	p-Isopropyltoluene	ND		500	512	102	500	519	104	1	76-131/12
1634-04-4	Methyl Tert Butyl Ether	ND		500	494	99	500	482	96	2	72-123/11
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		2000	2010	101	2000	2070	104	3	66-136/13
74-95-3	Methylene bromide	ND		500	514	103	500	512	102	0	81-121/11
75-09-2	Methylene chloride	ND		500	469	94	500	456	91	3	73-125/13
91-20-3	Naphthalene	ND		500	482	96	500	500	100	4	62-141/13
103-65-1	n-Propylbenzene	ND		500	497	99	500	501	100	1	68-133/11
100-42-5	Styrene	ND		500	472	94	500	474	95	0	75-129/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		500	478	96	500	481	96	1	77-124/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		500	563	113	500	571	114	1	71-122/11
127-18-4	Tetrachloroethene	ND		500	439	88	500	456	91	4	61-139/11
108-88-3	Toluene	ND		500	465	93	500	464	93	0	60-135/10
87-61-6	1,2,3-Trichlorobenzene	ND		500	497	99	500	515	103	4	70-138/13
120-82-1	1,2,4-Trichlorobenzene	ND		500	505	101	500	514	103	2	72-137/13
71-55-6	1,1,1-Trichloroethane	ND		500	482	96	500	481	96	0	74-138/12
79-00-5	1,1,2-Trichloroethane	ND		500	528	106	500	517	103	2	78-121/11
79-01-6	Trichloroethene	917		500	1230	63	500	1210	59* a	2	62-141/10
75-69-4	Trichlorofluoromethane	ND		500	444	89	500	448	90	1	57-149/14
96-18-4	1,2,3-Trichloropropane	ND		500	533	107	500	553	111	4	74-122/11
95-63-6	1,2,4-Trimethylbenzene	ND		500	510	102	500	511	102	0	54-143/10
108-67-8	1,3,5-Trimethylbenzene	ND		500	524	105	500	523	105	0	67-133/11
75-01-4	Vinyl chloride	11.5		500	541	106	500	553	109	2	43-146/15
	m,p-Xylene	ND		1000	947	95	1000	948	95	0	50-144/20
95-47-6	o-Xylene	ND		500	474	95	500	475	95	0	63-134/10
1330-20-7	Xylene (total)	ND		1500	1420	95	1500	1420	95	0	56-139/20

CAS No.	Surrogate Recoveries	MS	MSD	JC90102-5	Limits
1868-53-7	Dibromofluoromethane	99%	98%	100%	80-120%
17060-07-0	1,2-Dichloroethane-D4	97%	95%	100%	81-124%
2037-26-5	Toluene-D8	98%	97%	99%	80-120%
460-00-4	4-Bromofluorobenzene	105%	107%	97%	80-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 3 of 3

Job Number: JC90102

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC90102-5MS	A250979.D	10	06/19/19	DG	n/a	n/a	VA9702
JC90102-5MSD	A250980.D	10	06/20/19	DG	n/a	n/a	VA9702
JC90102-5	A250978.D	10	06/19/19	DG	n/a	n/a	VA9702

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-1, JC90102-2, JC90102-3, JC90102-4, JC90102-5, JC90102-6, JC90102-7, JC90102-8, JC90102-9, JC90102-10, JC90102-11, JC90102-14

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC90102-18MS	A250932N.D	5	06/21/19	ED	n/a	n/a	VA9704
JC90102-18MSD	A250933N.D	5	06/21/19	ED	n/a	n/a	VA9704
JC90102-18	A250937N.D	5	06/21/19	ED	n/a	n/a	VA9704

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-5, JC90102-10, JC90102-11, JC90102-12, JC90102-13, JC90102-14, JC90102-15, JC90102-16, JC90102-17, JC90102-18, JC90102-19, JC90102-20

CAS No.	Compound	JC90102-18 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	1000	998	100	1000	916	92	9	34-149/17
71-43-2	Benzene	ND	250	234	94	250	233	93	0	54-136/10
108-86-1	Bromobenzene	ND	250	252	101	250	250	100	1	78-122/11
74-97-5	Bromochloromethane	ND	250	247	99	250	248	99	0	79-124/11
75-27-4	Bromodichloromethane	ND	250	252	101	250	252	101	0	79-124/11
75-25-2	Bromoform	ND	250	255	102	250	264	106	3	71-130/11
74-83-9	Bromomethane	ND	250	203	81	250	198	79	2	53-142/14
78-93-3	2-Butanone (MEK)	ND	1000	1090	109	1000	1030	103	6	54-142/15
104-51-8	n-Butylbenzene	ND	250	246	98	250	248	99	1	73-133/12
135-98-8	sec-Butylbenzene	ND	250	258	103	250	252	101	2	76-132/12
98-06-6	tert-Butylbenzene	ND	250	253	101	250	251	100	1	76-131/12
56-23-5	Carbon tetrachloride	ND	250	250	100	250	243	97	3	70-143/12
108-90-7	Chlorobenzene	ND	250	244	98	250	242	97	1	78-123/10
75-00-3	Chloroethane	ND	250	221	88	250	210	84	5	57-141/14
67-66-3	Chloroform	ND	250	230	92	250	226	90	2	76-123/11
74-87-3	Chloromethane	ND	250	204	82	250	190	76	7	43-141/16
95-49-8	o-Chlorotoluene	ND	250	254	102	250	250	100	2	78-124/11
106-43-4	p-Chlorotoluene	ND	250	245	98	250	246	98	0	77-122/11
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	257	103	250	260	104	1	66-130/13
124-48-1	Dibromochloromethane	ND	250	258	103	250	253	101	2	76-125/11
106-93-4	1,2-Dibromoethane	ND	250	268	107	250	261	104	3	78-119/11
95-50-1	1,2-Dichlorobenzene	ND	250	240	96	250	246	98	2	77-123/11
541-73-1	1,3-Dichlorobenzene	ND	250	235	94	250	239	96	2	76-122/11
106-46-7	1,4-Dichlorobenzene	ND	250	231	92	250	235	94	2	76-122/11
75-71-8	Dichlorodifluoromethane	ND	250	223	89	250	215	86	4	31-159/16
75-34-3	1,1-Dichloroethane	ND	250	238	95	250	234	94	2	73-126/11
107-06-2	1,2-Dichloroethane	ND	250	226	90	250	221	88	2	72-131/11
75-35-4	1,1-Dichloroethene	ND	250	238	95	250	230	92	3	63-136/14
156-59-2	cis-1,2-Dichloroethene	99.0	250	313	86	250	315	86	1	60-136/11
156-60-5	trans-1,2-Dichloroethene	23.3	250	261	95	250	258	94	1	70-126/11
78-87-5	1,2-Dichloropropane	ND	250	249	100	250	247	99	1	78-124/10
142-28-9	1,3-Dichloropropane	ND	250	249	100	250	250	100	0	78-118/11
594-20-7	2,2-Dichloropropane	ND	250	260	104	250	249	100	4	59-141/14
563-58-6	1,1-Dichloropropene	ND	250	237	95	250	234	94	1	75-130/11
10061-01-5	cis-1,3-Dichloropropene	ND	250	263	105	250	263	105	0	79-123/11
10061-02-6	trans-1,3-Dichloropropene	ND	250	264	106	250	259	104	2	77-123/11

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC90102-18MS	A250932N.D	5	06/21/19	ED	n/a	n/a	VA9704
JC90102-18MSD	A250933N.D	5	06/21/19	ED	n/a	n/a	VA9704
JC90102-18	A250937N.D	5	06/21/19	ED	n/a	n/a	VA9704

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-5, JC90102-10, JC90102-11, JC90102-12, JC90102-13, JC90102-14, JC90102-15, JC90102-16, JC90102-17, JC90102-18, JC90102-19, JC90102-20

CAS No.	Compound	JC90102-18 ug/l	Spike Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND		250	236	94	250	239	96	1	51-140/20
87-68-3	Hexachlorobutadiene	ND		250	256	102	250	249	100	3	64-141/14
98-82-8	Isopropylbenzene	ND		250	247	99	250	246	98	0	75-129/11
99-87-6	p-Isopropyltoluene	ND		250	261	104	250	260	104	0	76-131/12
1634-04-4	Methyl Tert Butyl Ether	ND		250	249	100	250	244	98	2	72-123/11
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		1000	1000	100	1000	980	98	2	66-136/13
74-95-3	Methylene bromide	ND		250	257	103	250	254	102	1	81-121/11
75-09-2	Methylene chloride	ND		250	247	99	250	237	95	4	73-125/13
91-20-3	Naphthalene	ND		250	237	95	250	236	94	0	62-141/13
103-65-1	n-Propylbenzene	ND		250	247	99	250	249	100	1	68-133/11
100-42-5	Styrene	ND		250	231	92	250	236	94	2	75-129/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	252	101	250	247	99	2	77-124/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	274	110	250	272	109	1	71-122/11
127-18-4	Tetrachloroethene	ND		250	229	92	250	231	92	1	61-139/11
108-88-3	Toluene	ND		250	240	96	250	238	95	1	60-135/10
87-61-6	1,2,3-Trichlorobenzene	ND		250	249	100	250	245	98	2	70-138/13
120-82-1	1,2,4-Trichlorobenzene	ND		250	249	100	250	251	100	1	72-137/13
71-55-6	1,1,1-Trichloroethane	ND		250	247	99	250	241	96	2	74-138/12
79-00-5	1,1,2-Trichloroethane	ND		250	269	108	250	257	103	5	78-121/11
79-01-6	Trichloroethene	406		250	559	61* a	250	552	58* a	1	62-141/10
75-69-4	Trichlorofluoromethane	ND		250	230	92	250	221	88	4	57-149/14
96-18-4	1,2,3-Trichloropropane	ND		250	257	103	250	261	104	2	74-122/11
95-63-6	1,2,4-Trimethylbenzene	ND		250	253	101	250	253	101	0	54-143/10
108-67-8	1,3,5-Trimethylbenzene	ND		250	262	105	250	259	104	1	67-133/11
75-01-4	Vinyl chloride	ND		250	258	103	250	224	90	14	43-146/15
	m,p-Xylene	ND		500	478	96	500	484	97	1	50-144/20
95-47-6	o-Xylene	ND		250	246	98	250	247	99	0	63-134/10
1330-20-7	Xylene (total)	ND		750	724	97	750	732	98	1	56-139/20

CAS No.	Surrogate Recoveries	MS	MSD	JC90102-18	Limits
1868-53-7	Dibromofluoromethane	103%	102%	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	100%	106%	81-124%
2037-26-5	Toluene-D8	101%	101%	102%	80-120%
460-00-4	4-Bromofluorobenzene	104%	105%	99%	80-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 3 of 3

Job Number: JC90102

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC90102-18MS	A250932N.D	5	06/21/19	ED	n/a	n/a	VA9704
JC90102-18MSD	A250933N.D	5	06/21/19	ED	n/a	n/a	VA9704
JC90102-18	A250937N.D	5	06/21/19	ED	n/a	n/a	VA9704

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-5, JC90102-10, JC90102-11, JC90102-12, JC90102-13, JC90102-14, JC90102-15, JC90102-16, JC90102-17, JC90102-18, JC90102-19, JC90102-20

(a) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC90102-21MS	A250954N.D	5	06/21/19	DG	n/a	n/a	VA9705
JC90102-21MSD	A250955N.D	5	06/21/19	DG	n/a	n/a	VA9705
JC90102-21	A250953N.D	5	06/21/19	DG	n/a	n/a	VA9705

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-21, JC90102-22, JC90102-23, JC90102-24, JC90102-25, JC90102-26, JC90102-27, JC90102-28, JC90102-29, JC90102-30, JC90102-31, JC90102-32, JC90102-33, JC90102-34, JC90102-35, JC90102-36

CAS No.	Compound	JC90102-21		Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
		ug/l	Q								
67-64-1	Acetone	ND		1000	1030	103	1000	1000	100	3	34-149/17
71-43-2	Benzene	ND		250	230	92	250	232	93	1	54-136/10
108-86-1	Bromobenzene	ND		250	259	104	250	260	104	0	78-122/11
74-97-5	Bromochloromethane	ND		250	245	98	250	249	100	2	79-124/11
75-27-4	Bromodichloromethane	ND		250	253	101	250	255	102	1	79-124/11
75-25-2	Bromoform	ND		250	275	110	250	281	112	2	71-130/11
74-83-9	Bromomethane	ND		250	198	79	250	195	78	2	53-142/14
78-93-3	2-Butanone (MEK)	ND		1000	1110	111	1000	1070	107	4	54-142/15
104-51-8	n-Butylbenzene	ND		250	250	100	250	254	102	2	73-133/12
135-98-8	sec-Butylbenzene	ND		250	257	103	250	261	104	2	76-132/12
98-06-6	tert-Butylbenzene	ND		250	257	103	250	252	101	2	76-131/12
56-23-5	Carbon tetrachloride	ND		250	236	94	250	239	96	1	70-143/12
108-90-7	Chlorobenzene	ND		250	240	96	250	246	98	2	78-123/10
75-00-3	Chloroethane	ND		250	202	81	250	206	82	2	57-141/14
67-66-3	Chloroform	ND		250	226	90	250	228	91	1	76-123/11
74-87-3	Chloromethane	ND		250	186	74	250	185	74	1	43-141/16
95-49-8	o-Chlorotoluene	ND		250	253	101	250	259	104	2	78-124/11
106-43-4	p-Chlorotoluene	ND		250	248	99	250	249	100	0	77-122/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	280	112	250	269	108	4	66-130/13
124-48-1	Dibromochloromethane	ND		250	261	104	250	259	104	1	76-125/11
106-93-4	1,2-Dibromoethane	ND		250	272	109	250	266	106	2	78-119/11
95-50-1	1,2-Dichlorobenzene	ND		250	248	99	250	252	101	2	77-123/11
541-73-1	1,3-Dichlorobenzene	ND		250	247	99	250	245	98	1	76-122/11
106-46-7	1,4-Dichlorobenzene	ND		250	239	96	250	243	97	2	76-122/11
75-71-8	Dichlorodifluoromethane	ND		250	210	84	250	206	82	2	31-159/16
75-34-3	1,1-Dichloroethane	ND		250	228	91	250	227	91	0	73-126/11
107-06-2	1,2-Dichloroethane	ND		250	224	90	250	220	88	2	72-131/11
75-35-4	1,1-Dichloroethene	ND		250	222	89	250	221	88	0	63-136/14
156-59-2	cis-1,2-Dichloroethene	632		250	757	50* a	250	767	54* a	1	60-136/11
156-60-5	trans-1,2-Dichloroethene	6.3		250	235	91	250	236	92	0	70-126/11
78-87-5	1,2-Dichloropropane	ND		250	245	98	250	252	101	3	78-124/10
142-28-9	1,3-Dichloropropane	ND		250	254	102	250	256	102	1	78-118/11
594-20-7	2,2-Dichloropropane	ND		250	246	98	250	249	100	1	59-141/14
563-58-6	1,1-Dichloropropene	ND		250	225	90	250	229	92	2	75-130/11
10061-01-5	cis-1,3-Dichloropropene	ND		250	266	106	250	268	107	1	79-123/11
10061-02-6	trans-1,3-Dichloropropene	ND		250	267	107	250	268	107	0	77-123/11

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC90102-21MS	A250954N.D	5	06/21/19	DG	n/a	n/a	VA9705
JC90102-21MSD	A250955N.D	5	06/21/19	DG	n/a	n/a	VA9705
JC90102-21	A250953N.D	5	06/21/19	DG	n/a	n/a	VA9705

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-21, JC90102-22, JC90102-23, JC90102-24, JC90102-25, JC90102-26, JC90102-27, JC90102-28, JC90102-29, JC90102-30, JC90102-31, JC90102-32, JC90102-33, JC90102-34, JC90102-35, JC90102-36

CAS No.	Compound	JC90102-21 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD	
100-41-4	Ethylbenzene	ND		250	235	94	250	241	96	3	51-140/20
87-68-3	Hexachlorobutadiene	ND		250	254	102	250	249	100	2	64-141/14
98-82-8	Isopropylbenzene	ND		250	246	98	250	251	100	2	75-129/11
99-87-6	p-Isopropyltoluene	ND		250	261	104	250	262	105	0	76-131/12
1634-04-4	Methyl Tert Butyl Ether	ND		250	246	98	250	248	99	1	72-123/11
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		1000	1040	104	1000	1020	102	2	66-136/13
74-95-3	Methylene bromide	ND		250	255	102	250	261	104	2	81-121/11
75-09-2	Methylene chloride	ND		250	233	93	250	235	94	1	73-125/13
91-20-3	Naphthalene	ND		250	252	101	250	251	100	0	62-141/13
103-65-1	n-Propylbenzene	ND		250	249	100	250	251	100	1	68-133/11
100-42-5	Styrene	ND		250	235	94	250	240	96	2	75-129/11
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	253	101	250	253	101	0	77-124/11
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	290	116	250	282	113	3	71-122/11
127-18-4	Tetrachloroethene	ND		250	226	90	250	230	92	2	61-139/11
108-88-3	Toluene	ND		250	238	95	250	242	97	2	60-135/10
87-61-6	1,2,3-Trichlorobenzene	ND		250	259	104	250	261	104	1	70-138/13
120-82-1	1,2,4-Trichlorobenzene	ND		250	256	102	250	259	104	1	72-137/13
71-55-6	1,1,1-Trichloroethane	ND		250	241	96	250	241	96	0	74-138/12
79-00-5	1,1,2-Trichloroethane	ND		250	269	108	250	272	109	1	78-121/11
79-01-6	Trichloroethene	ND		250	229	92	250	236	94	3	62-141/10
75-69-4	Trichlorofluoromethane	ND		250	217	87	250	216	86	0	57-149/14
96-18-4	1,2,3-Trichloropropane	ND		250	274	110	250	277	111	1	74-122/11
95-63-6	1,2,4-Trimethylbenzene	ND		250	257	103	250	259	104	1	54-143/10
108-67-8	1,3,5-Trimethylbenzene	ND		250	262	105	250	268	107	2	67-133/11
75-01-4	Vinyl chloride	25.3		250	224	79	250	226	80	1	43-146/15
	m,p-Xylene	ND		500	478	96	500	490	98	2	50-144/20
95-47-6	o-Xylene	ND		250	246	98	250	252	101	2	63-134/10
1330-20-7	Xylene (total)	ND		750	724	97	750	742	99	2	56-139/20

CAS No.	Surrogate Recoveries	MS	MSD	JC90102-21	Limits
1868-53-7	Dibromofluoromethane	100%	100%	102%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	100%	107%	81-124%
2037-26-5	Toluene-D8	102%	102%	99%	80-120%
460-00-4	4-Bromofluorobenzene	105%	105%	98%	80-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 3 of 3

Job Number: JC90102

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC90102-21MS	A250954N.D	5	06/21/19	DG	n/a	n/a	VA9705
JC90102-21MSD	A250955N.D	5	06/21/19	DG	n/a	n/a	VA9705
JC90102-21	A250953N.D	5	06/21/19	DG	n/a	n/a	VA9705

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-21, JC90102-22, JC90102-23, JC90102-24, JC90102-25, JC90102-26, JC90102-27, JC90102-28, JC90102-29, JC90102-30, JC90102-31, JC90102-32, JC90102-33, JC90102-34, JC90102-35, JC90102-36

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC89969-8MS	A251059.D	10	06/25/19	ED	n/a	n/a	VA9709
JC89969-8MSD	A251060.D	10	06/25/19	ED	n/a	n/a	VA9709
JC89969-8 ^a	A251063.D	10	06/25/19	ED	n/a	n/a	VA9709

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-21, JC90102-37, JC90102-38, JC90102-39, JC90102-40

CAS No.	Compound	JC89969-8 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		2000	99	2000	1950	98	2	34-149/17
71-43-2	Benzene	ND		500	92	500	469	94	2	54-136/10
108-86-1	Bromobenzene	ND		500	104	500	526	105	1	78-122/11
74-97-5	Bromochloromethane	ND		500	98	500	495	99	1	79-124/11
75-27-4	Bromodichloromethane	ND		500	98	500	508	102	3	79-124/11
75-25-2	Bromoform	ND		500	108	500	549	110	2	71-130/11
74-83-9	Bromomethane	ND		500	84	500	438	88	4	53-142/14
78-93-3	2-Butanone (MEK)	ND		2000	104	2000	2080	104	0	54-142/15
104-51-8	n-Butylbenzene	ND		500	94	500	489	98	4	73-133/12
135-98-8	sec-Butylbenzene	ND		500	99	500	518	104	5	76-132/12
98-06-6	tert-Butylbenzene	ND		500	97	500	512	102	5	76-131/12
56-23-5	Carbon tetrachloride	ND		500	96	500	494	99	3	70-143/12
108-90-7	Chlorobenzene	ND		500	95	500	493	99	4	78-123/10
75-00-3	Chloroethane	ND		500	90	500	447	89	0	57-141/14
67-66-3	Chloroform	ND		500	88	500	453	91	2	76-123/11
74-87-3	Chloromethane	ND		500	81	500	413	83	2	43-141/16
95-49-8	o-Chlorotoluene	ND		500	100	500	506	101	1	78-124/11
106-43-4	p-Chlorotoluene	ND		500	98	500	501	100	2	77-122/11
96-12-8	1,2-Dibromo-3-chloropropane	ND		500	102	500	530	106	4	66-130/13
124-48-1	Dibromochloromethane	ND		500	100	500	524	105	5	76-125/11
106-93-4	1,2-Dibromoethane	ND		500	105	500	544	109	3	78-119/11
95-50-1	1,2-Dichlorobenzene	ND		500	96	500	494	99	3	77-123/11
541-73-1	1,3-Dichlorobenzene	ND		500	97	500	488	98	1	76-122/11
106-46-7	1,4-Dichlorobenzene	ND		500	93	500	483	97	3	76-122/11
75-71-8	Dichlorodifluoromethane	ND		500	98	500	499	100	2	31-159/16
75-34-3	1,1-Dichloroethane	ND		500	91	500	460	92	2	73-126/11
107-06-2	1,2-Dichloroethane	ND		500	87	500	440	88	1	72-131/11
75-35-4	1,1-Dichloroethene	ND		500	98	500	503	101	2	63-136/14
156-59-2	cis-1,2-Dichloroethene	582		500	75	500	970	78	1	60-136/11
156-60-5	trans-1,2-Dichloroethene	5.6	J	500	96	500	486	96	0	70-126/11
78-87-5	1,2-Dichloropropane	ND		500	97	500	488	98	1	78-124/10
142-28-9	1,3-Dichloropropane	ND		500	98	500	503	101	2	78-118/11
594-20-7	2,2-Dichloropropane	ND		500	100	500	513	103	2	59-141/14
563-58-6	1,1-Dichloropropene	ND		500	90	500	461	92	2	75-130/11
10061-01-5	cis-1,3-Dichloropropene	ND		500	106	500	540	108	2	79-123/11
10061-02-6	trans-1,3-Dichloropropene	ND		500	104	500	542	108	4	77-123/11

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC89969-8MS	A251059.D	10	06/25/19	ED	n/a	n/a	VA9709
JC89969-8MSD	A251060.D	10	06/25/19	ED	n/a	n/a	VA9709
JC89969-8 ^a	A251063.D	10	06/25/19	ED	n/a	n/a	VA9709

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-21, JC90102-37, JC90102-38, JC90102-39, JC90102-40

CAS No.	Compound	JC89969-8 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND	500	456	91	500	471	94	3	51-140/20
87-68-3	Hexachlorobutadiene	ND	500	494	99	500	517	103	5	64-141/14
98-82-8	Isopropylbenzene	ND	500	470	94	500	487	97	4	75-129/11
99-87-6	p-Isopropyltoluene	ND	500	498	100	500	517	103	4	76-131/12
1634-04-4	Methyl Tert Butyl Ether	ND	500	494	99	500	503	101	2	72-123/11
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	2000	1900	95	2000	1950	98	3	66-136/13
74-95-3	Methylene bromide	ND	500	510	102	500	516	103	1	81-121/11
75-09-2	Methylene chloride	ND	500	504	101	500	515	103	2	73-125/13
91-20-3	Naphthalene	ND	500	472	94	500	496	99	5	62-141/13
103-65-1	n-Propylbenzene	ND	500	486	97	500	495	99	2	68-133/11
100-42-5	Styrene	ND	500	457	91	500	468	94	2	75-129/11
630-20-6	1,1,1,2-Tetrachloroethane	ND	500	483	97	500	495	99	2	77-124/11
79-34-5	1,1,2,2-Tetrachloroethane	ND	500	544	109	500	545	109	0	71-122/11
127-18-4	Tetrachloroethene	ND	500	439	88	500	461	92	5	61-139/11
108-88-3	Toluene	ND	500	469	94	500	482	96	3	60-135/10
87-61-6	1,2,3-Trichlorobenzene	ND	500	482	96	500	514	103	6	70-138/13
120-82-1	1,2,4-Trichlorobenzene	ND	500	482	96	500	499	100	3	72-137/13
71-55-6	1,1,1-Trichloroethane	ND	500	480	96	500	482	96	0	74-138/12
79-00-5	1,1,2-Trichloroethane	ND	500	515	103	500	533	107	3	78-121/11
79-01-6	Trichloroethene	929	500	1170	48* ^b	500	1200	54* ^b	3	62-141/10
75-69-4	Trichlorofluoromethane	ND	500	470	94	500	485	97	3	57-149/14
96-18-4	1,2,3-Trichloropropane	ND	500	517	103	500	526	105	2	74-122/11
95-63-6	1,2,4-Trimethylbenzene	ND	500	495	99	500	510	102	3	54-143/10
108-67-8	1,3,5-Trimethylbenzene	ND	500	509	102	500	529	106	4	67-133/11
75-01-4	Vinyl chloride	15.8	500	457	88	500	466	90	2	43-146/15
	m,p-Xylene	ND	1000	920	92	1000	953	95	4	50-144/20
95-47-6	o-Xylene	ND	500	472	94	500	482	96	2	63-134/10
1330-20-7	Xylene (total)	ND	1500	1390	93	1500	1430	95	3	56-139/20

CAS No.	Surrogate Recoveries	MS	MSD	JC89969-8	Limits
1868-53-7	Dibromofluoromethane	99%	100%	101%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	99%	103%	81-124%
2037-26-5	Toluene-D8	99%	101%	101%	80-120%
460-00-4	4-Bromofluorobenzene	106%	105%	99%	80-120%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 3 of 3

Job Number: JC90102

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC89969-8MS	A251059.D	10	06/25/19	ED	n/a	n/a	VA9709
JC89969-8MSD	A251060.D	10	06/25/19	ED	n/a	n/a	VA9709
JC89969-8 ^a	A251063.D	10	06/25/19	ED	n/a	n/a	VA9709

The QC reported here applies to the following samples:

Method: SW846 8260C

JC90102-21, JC90102-37, JC90102-38, JC90102-39, JC90102-40

- (a) Results reported from the HCl preserved sample. The reported result for acrolein is for screening only and cannot be used for compliance purposes.
- (b) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC89988-6DUP	A251010N.D	1	06/24/19	ED	n/a	n/a	VA9707
JC89988-6	A251002N.D	1	06/24/19	ED	n/a	n/a	VA9707

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-18

CAS No.	Compound	JC89988-6 ug/l	DUP Q ug/l	Q	RPD	Limits
67-64-1	Acetone	ND	ND		nc	20
71-43-2	Benzene	1.5	1.5		0	20
108-86-1	Bromobenzene	ND	ND		nc	20
74-97-5	Bromochloromethane	ND	ND		nc	20
75-27-4	Bromodichloromethane	ND	ND		nc	20
75-25-2	Bromoform	ND	ND		nc	20
74-83-9	Bromomethane	ND	ND		nc	20
78-93-3	2-Butanone (MEK)	ND	ND		nc	20
104-51-8	n-Butylbenzene	ND	ND		nc	20
135-98-8	sec-Butylbenzene	ND	ND		nc	20
98-06-6	tert-Butylbenzene	ND	ND		nc	20
56-23-5	Carbon tetrachloride	ND	ND		nc	20
108-90-7	Chlorobenzene	ND	ND		nc	20
75-00-3	Chloroethane	ND	ND		nc	20
67-66-3	Chloroform	ND	ND		nc	20
74-87-3	Chloromethane	ND	ND		nc	20
95-49-8	o-Chlorotoluene	ND	ND		nc	20
106-43-4	p-Chlorotoluene	ND	ND		nc	20
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND		nc	20
124-48-1	Dibromochloromethane	ND	ND		nc	20
106-93-4	1,2-Dibromoethane	ND	ND		nc	20
95-50-1	1,2-Dichlorobenzene	ND	ND		nc	20
541-73-1	1,3-Dichlorobenzene	ND	ND		nc	20
106-46-7	1,4-Dichlorobenzene	ND	ND		nc	20
75-71-8	Dichlorodifluoromethane	ND	ND		nc	20
75-34-3	1,1-Dichloroethane	ND	ND		nc	20
107-06-2	1,2-Dichloroethane	ND	ND		nc	20
75-35-4	1,1-Dichloroethene	ND	ND		nc	20
156-59-2	cis-1,2-Dichloroethene	ND	ND		nc	20
156-60-5	trans-1,2-Dichloroethene	ND	ND		nc	20
78-87-5	1,2-Dichloropropane	ND	ND		nc	20
142-28-9	1,3-Dichloropropane	ND	ND		nc	20
594-20-7	2,2-Dichloropropane	ND	ND		nc	20
563-58-6	1,1-Dichloropropene	ND	ND		nc	20
10061-01-5	cis-1,3-Dichloropropene	ND	ND		nc	20
10061-02-6	trans-1,3-Dichloropropene	ND	ND		nc	20

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 2

Job Number: JC90102**Account:** AGMINI Arcadis**Project:** GE, 13th Street, Tell City, IN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JC89988-6DUP	A251010N.D	1	06/24/19	ED	n/a	n/a	VA9707
JC89988-6	A251002N.D	1	06/24/19	ED	n/a	n/a	VA9707

The QC reported here applies to the following samples:**Method:** SW846 8260C

JC90102-18

CAS No.	Compound	JC89988-6 ug/l	DUP Q	ug/l	Q	RPD	Limits
100-41-4	Ethylbenzene	ND		ND		nc	20
87-68-3	Hexachlorobutadiene	ND		ND		nc	20
98-82-8	Isopropylbenzene	0.83	J	0.86	J	4	20
99-87-6	p-Isopropyltoluene	ND		ND		nc	20
1634-04-4	Methyl Tert Butyl Ether	43.4		41.1		5	20
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		ND		nc	20
74-95-3	Methylene bromide	ND		ND		nc	20
75-09-2	Methylene chloride	ND		ND		nc	20
91-20-3	Naphthalene	ND		ND		nc	20
103-65-1	n-Propylbenzene	ND		ND		nc	20
100-42-5	Styrene	ND		ND		nc	20
630-20-6	1,1,1,2-Tetrachloroethane	ND		ND		nc	20
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	20
127-18-4	Tetrachloroethene	ND		ND		nc	20
108-88-3	Toluene	ND		ND		nc	20
87-61-6	1,2,3-Trichlorobenzene	ND		ND		nc	20
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	20
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	20
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	20
75-69-4	Trichlorofluoromethane	ND		ND		nc	20
96-18-4	1,2,3-Trichloropropane	ND		ND		nc	20
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	20
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	20
75-01-4	Vinyl chloride	ND		ND		nc	20
	m,p-Xylene	ND		ND		nc	20
95-47-6	o-Xylene	ND		ND		nc	20
1330-20-7	Xylene (total)	ND		ND		nc	20

CAS No.	Surrogate Recoveries	DUP	JC89988-6	Limits
1868-53-7	Dibromofluoromethane	103%	107%	80-120%
17060-07-0	1,2-Dichloroethane-D4	104%	108%	81-124%
2037-26-5	Toluene-D8	99%	100%	80-120%
460-00-4	4-Bromofluorobenzene	98%	99%	80-120%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VA9645-BFB
Lab File ID: A249730.D
Instrument ID: GCMSA
Injection Date: 05/11/19
Injection Time: 14:52

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.95 - 40.0% of mass 95	8968	17.1	Pass
75	30.0 - 60.0% of mass 95	24730	47.2	Pass
95	Base peak, 100% relative abundance	52402	100.0	Pass
96	5.0 - 9.0% of mass 95	3491	6.66	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	49818	95.1	Pass
175	5.0 - 9.0% of mass 174	4035	7.70 (8.10) ^a	Pass
176	95.0 - 101.0% of mass 174	48597	92.7 (97.5) ^a	Pass
177	5.0 - 9.0% of mass 176	3296	6.29 (6.78) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VA9645-IC9645	A249731.D	05/11/19	15:31	00:39	Initial cal 0.2
VA9645-IC9645	A249732.D	05/11/19	16:00	01:08	Initial cal 0.5
VA9645-IC9645	A249733.D	05/11/19	16:29	01:37	Initial cal 1
VA9645-IC9645	A249734.D	05/11/19	16:57	02:05	Initial cal 2
VA9645-IC9645	A249735.D	05/11/19	17:26	02:34	Initial cal 4
VA9645-IC9645	A249736.D	05/11/19	17:55	03:03	Initial cal 8
VA9645-IC9645	A249737.D	05/11/19	18:24	03:32	Initial cal 20
VA9645-ICC9645	A249738.D	05/11/19	18:53	04:01	Initial cal 50
VA9645-IC9645	A249739.D	05/11/19	19:21	04:29	Initial cal 100
VA9645-IC9645	A249740.D	05/11/19	19:50	04:58	Initial cal 200
VA9645-ICV9645	A249743.D	05/11/19	21:17	06:25	Initial cal verification 50
VA9645-ICV9645	A249744.D	05/11/19	21:46	06:54	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VA9702-BFB
Lab File ID: A250974.D
Instrument ID: GCMSA
Injection Date: 06/19/19
Injection Time: 20:57

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.95 - 40.0% of mass 95	11765	16.4	Pass
75	30.0 - 60.0% of mass 95	32581	45.5	Pass
95	Base peak, 100% relative abundance	71656	100.0	Pass
96	5.0 - 9.0% of mass 95	4578	6.39	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	67861	94.7	Pass
175	5.0 - 9.0% of mass 174	5011	6.99 (7.38) ^a	Pass
176	95.0 - 101.0% of mass 174	66400	92.7 (97.8) ^a	Pass
177	5.0 - 9.0% of mass 176	4325	6.04 (6.51) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VA9702-CC9645	A250974.D	06/19/19	20:57	00:00	Continuing cal 50
VA9702-BS	A250975.D	06/19/19	21:50	00:53	Blank Spike
VA9702-MB	A250977.D	06/19/19	22:48	01:51	Method Blank
JC90102-5	A250978.D	06/19/19	23:17	02:20	MW-7 (061019)
JC90102-5MS	A250979.D	06/19/19	23:46	02:49	Matrix Spike
JC90102-5MSD	A250980.D	06/20/19	00:15	03:18	Matrix Spike Duplicate
JC90102-1	A250982.D	06/20/19	01:13	04:16	MW-1 (061019)
JC90102-2	A250983.D	06/20/19	01:42	04:45	MW-2 (061019)
JC90102-3	A250984.D	06/20/19	02:11	05:14	MW-3 (061019)
JC90102-4	A250985.D	06/20/19	02:40	05:43	MW-4 (061019)
JC90102-6	A250986.D	06/20/19	03:09	06:12	MW-6S (061019)
JC90102-7	A250987.D	06/20/19	03:38	06:41	MW-6D (061019)
JC90102-8	A250988.D	06/20/19	04:07	07:10	MW-8S (061019)
JC90102-9	A250989.D	06/20/19	04:36	07:39	MW-8D (061019)
JC90102-10	A250990.D	06/20/19	05:05	08:08	MW-15 (061019)
JC90102-11	A250991.D	06/20/19	05:34	08:37	DUP-1 (061019)
JC90102-14	A250994.D	06/20/19	07:01	10:04	MW-5S (061219)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VA9704-BFB
Lab File ID: A250923N.D
Instrument ID: GCMSA
Injection Date: 06/21/19
Injection Time: 06:37

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.95 - 40.0% of mass 95	11418	17.5	Pass
75	30.0 - 60.0% of mass 95	30896	47.3	Pass
95	Base peak, 100% relative abundance	65379	100.0	Pass
96	5.0 - 9.0% of mass 95	4056	6.20	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	61099	93.5	Pass
175	5.0 - 9.0% of mass 174	5011	7.66 (8.20) ^a	Pass
176	95.0 - 101.0% of mass 174	59645	91.2 (97.6) ^a	Pass
177	5.0 - 9.0% of mass 176	4043	6.18 (6.78) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VA9704-CC9645	A250923N.D	06/21/19	06:37	00:00	Continuing cal 20
VA9704-BS	A250925N.D	06/21/19	07:43	01:06	Blank Spike
VA9704-MB	A250927N.D	06/21/19	08:41	02:04	Method Blank
JC90102-12	A250928N.D	06/21/19	09:10	02:33	MW-9S (061219)
JC90102-13	A250929N.D	06/21/19	09:38	03:01	MW-9D (061219)
JC90102-5	A250930N.D	06/21/19	10:07	03:30	MW-7 (061019)
JC90102-10	A250931N.D	06/21/19	10:36	03:59	MW-15 (061019)
JC90102-18MS	A250932N.D	06/21/19	11:05	04:28	Matrix Spike
JC90102-18MSD	A250933N.D	06/21/19	11:34	04:57	Matrix Spike Duplicate
JC90102-11	A250934N.D	06/21/19	12:03	05:26	DUP-1 (061019)
JC90102-14	A250935N.D	06/21/19	12:31	05:54	MW-5S (061219)
JC90102-20	A250936N.D	06/21/19	13:00	06:23	TB-1
JC90102-18	A250937N.D	06/21/19	13:29	06:52	MW-13 (061219)
JC90102-15	A250938N.D	06/21/19	13:57	07:20	MW-5D (061219)
JC90102-16	A250939N.D	06/21/19	14:26	07:49	MW-11 (061219)
JC90102-17	A250940N.D	06/21/19	14:55	08:18	MW-12 (061219)
JC90102-19	A250941N.D	06/21/19	15:23	08:46	MW-14 (061219)
ZZZZZZ	A250942N.D	06/21/19	15:52	09:15	(unrelated sample)
ZZZZZZ	A250943N.D	06/21/19	16:21	09:44	(unrelated sample)
ZZZZZZ	A250944N.D	06/21/19	16:49	10:12	(unrelated sample)
ZZZZZZ	A250945N.D	06/21/19	17:18	10:41	(unrelated sample)
ZZZZZZ	A250946N.D	06/21/19	17:47	11:10	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VA9705-BFB
Lab File ID: A250949N.D
Instrument ID: GCMSA
Injection Date: 06/21/19
Injection Time: 20:39

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.95 - 40.0% of mass 95	10784	17.4	Pass
75	30.0 - 60.0% of mass 95	28629	46.1	Pass
95	Base peak, 100% relative abundance	62085	100.0	Pass
96	5.0 - 9.0% of mass 95	3911	6.30	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	57752	93.0	Pass
175	5.0 - 9.0% of mass 174	4440	7.15 (7.69) ^a	Pass
176	95.0 - 101.0% of mass 174	56040	90.3 (97.0) ^a	Pass
177	5.0 - 9.0% of mass 176	3824	6.16 (6.82) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VA9705-CC9645	A250949N.D	06/21/19	20:39	00:00	Continuing cal 50
VA9705-BS	A250950N.D	06/21/19	21:29	00:50	Blank Spike
VA9705-MB	A250952N.D	06/21/19	22:26	01:47	Method Blank
JC90102-21	A250953N.D	06/21/19	22:55	02:16	MW-10D (061119)
JC90102-21MS	A250954N.D	06/21/19	23:24	02:45	Matrix Spike
JC90102-21MSD	A250955N.D	06/21/19	23:52	03:13	Matrix Spike Duplicate
JC90102-22	A250957N.D	06/22/19	00:50	04:11	MW-21D (061119)
JC90102-23	A250958N.D	06/22/19	01:19	04:40	MW-21I (061119)
JC90102-24	A250959N.D	06/22/19	01:47	05:08	MW-21S (061119)
JC90102-25	A250960N.D	06/22/19	02:16	05:37	MW-20S (061119)
JC90102-26	A250961N.D	06/22/19	02:45	06:06	MW-20I (061119)
JC90102-27	A250962N.D	06/22/19	03:13	06:34	MW-20D (061119)
JC90102-28	A250963N.D	06/22/19	03:42	07:03	MW-19S (061119)
JC90102-29	A250964N.D	06/22/19	04:11	07:32	MW-19I (061119)
JC90102-30	A250965N.D	06/22/19	04:40	08:01	MW-19D (061119)
JC90102-31	A250966N.D	06/22/19	05:09	08:30	MW-10S (061119)
JC90102-32	A250967N.D	06/22/19	05:38	08:59	DUP-2 (061119)
JC90102-33	A250968N.D	06/22/19	06:06	09:27	MW-16S (061119)
JC90102-34	A250969N.D	06/22/19	06:35	09:56	MW-16I (061119)
JC90102-35	A250970N.D	06/22/19	07:04	10:25	MW-16D (061119)
JC90102-36	A250971N.D	06/22/19	07:33	10:54	MW-17S (061119)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VA9707-BFB
Lab File ID: A250997N.D
Instrument ID: GCMSA
Injection Date: 06/24/19
Injection Time: 06:37

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.95 - 40.0% of mass 95	9599	16.7	Pass
75	30.0 - 60.0% of mass 95	26789	46.5	Pass
95	Base peak, 100% relative abundance	57592	100.0	Pass
96	5.0 - 9.0% of mass 95	3575	6.21	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	54760	95.1	Pass
175	5.0 - 9.0% of mass 174	4320	7.50 (7.89) ^a	Pass
176	95.0 - 101.0% of mass 174	52672	91.5 (96.2) ^a	Pass
177	5.0 - 9.0% of mass 176	3586	6.23 (6.81) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VA9707-CC9645	A250997N.D	06/24/19	06:37	00:00	Continuing cal 20
VA9707-BS	A250998N.D	06/24/19	07:12	00:35	Blank Spike
VA9707-MB	A251000N.D	06/24/19	08:10	01:33	Method Blank
JC89988-5	A251001N.D	06/24/19	08:38	02:01	(used for QC only; not part of job JC90102)
JC89988-6	A251002N.D	06/24/19	09:07	02:30	(used for QC only; not part of job JC90102)
ZZZZZZ	A251003N.D	06/24/19	09:36	02:59	(unrelated sample)
ZZZZZZ	A251004N.D	06/24/19	10:04	03:27	(unrelated sample)
ZZZZZZ	A251005N.D	06/24/19	10:33	03:56	(unrelated sample)
ZZZZZZ	A251006N.D	06/24/19	11:02	04:25	(unrelated sample)
ZZZZZZ	A251007N.D	06/24/19	11:31	04:54	(unrelated sample)
JC89988-5MS	A251008N.D	06/24/19	12:00	05:23	Matrix Spike
JC89988-6DUP	A251010N.D	06/24/19	12:57	06:20	Duplicate
ZZZZZZ	A251011N.D	06/24/19	13:26	06:49	(unrelated sample)
JC90102-18	A251012N.D	06/24/19	13:55	07:18	MW-13 (061219)
ZZZZZZ	A251015.D	06/24/19	15:03	08:26	(unrelated sample)
ZZZZZZ	A251016.D	06/24/19	15:31	08:54	(unrelated sample)
ZZZZZZ	A251017.D	06/24/19	16:00	09:23	(unrelated sample)
ZZZZZZ	A251018.D	06/24/19	16:29	09:52	(unrelated sample)
ZZZZZZ	A251019.D	06/24/19	16:58	10:21	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JC90102
Account: AGMINI Arcadis
Project: GE, 13th Street, Tell City, IN

Sample: VA9709-BFB
Lab File ID: A251054.D
Instrument ID: GCMSA
Injection Date: 06/25/19
Injection Time: 07:01

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.95 - 40.0% of mass 95	9758	16.0	Pass
75	30.0 - 60.0% of mass 95	28133	46.2	Pass
95	Base peak, 100% relative abundance	60931	100.0	Pass
96	5.0 - 9.0% of mass 95	3863	6.34	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	55837	91.6	Pass
175	5.0 - 9.0% of mass 174	4569	7.50 (8.18) ^a	Pass
176	95.0 - 101.0% of mass 174	55936	91.8 (100.2) ^a	Pass
177	5.0 - 9.0% of mass 176	3693	6.06 (6.60) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VA9709-CC9645	A251054.D	06/25/19	07:01	00:00	Continuing cal 20
VA9709-BS	A251055.D	06/25/19	07:36	00:35	Blank Spike
VA9709-MB	A251057.D	06/25/19	08:34	01:33	Method Blank
JC90102-21	A251058.D	06/25/19	09:29	02:28	MW-10D (061119)
JC89969-8MS	A251059.D	06/25/19	10:02	03:01	Matrix Spike
JC89969-8MSD	A251060.D	06/25/19	10:31	03:30	Matrix Spike Duplicate
ZZZZZZ	A251062.D	06/25/19	11:30	04:29	(unrelated sample)
JC89969-8	A251063.D	06/25/19	11:59	04:58	(used for QC only; not part of job JC90102)
JC90102-37	A251064.D	06/25/19	12:28	05:27	MW-17I (061119)
JC90102-38	A251065.D	06/25/19	12:58	05:57	MW-17D (061119)
JC90102-39	A251066.D	06/25/19	13:27	06:26	MW-18S (061119)
JC90102-40	A251067.D	06/25/19	13:57	06:56	MW-18I (061119)
ZZZZZZ	A251068.D	06/25/19	14:26	07:25	(unrelated sample)
ZZZZZZ	A251069.D	06/25/19	14:56	07:55	(unrelated sample)
ZZZZZZ	A251070.D	06/25/19	15:25	08:24	(unrelated sample)
ZZZZZZ	A251071.D	06/25/19	15:54	08:53	(unrelated sample)
ZZZZZZ	A251072.D	06/25/19	16:23	09:22	(unrelated sample)
ZZZZZZ	A251073.D	06/25/19	16:53	09:52	(unrelated sample)
ZZZZZZ	A251074.D	06/25/19	17:22	10:21	(unrelated sample)
ZZZZZZ	A251075.D	06/25/19	17:52	10:51	(unrelated sample)
ZZZZZZ	A251076.D	06/25/19	18:21	11:20	(unrelated sample)

Surrogate Recovery Summary

Page 1 of 2

Job Number: JC90102

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC90102-1	A250982.D	99	101	98	98
JC90102-2	A250983.D	102	99	98	97
JC90102-3	A250984.D	100	101	100	99
JC90102-4	A250985.D	101	101	98	98
JC90102-5	A250930N.D	102	105	100	97
JC90102-5	A250978.D	100	100	99	97
JC90102-6	A250986.D	101	101	98	96
JC90102-7	A250987.D	101	101	99	97
JC90102-8	A250988.D	101	101	102	95
JC90102-9	A250989.D	102	103	98	97
JC90102-10	A250931N.D	104	107	100	95
JC90102-10	A250990.D	101	103	100	97
JC90102-11	A250934N.D	102	101	98	98
JC90102-11	A250991.D	101	102	102	97
JC90102-12	A250928N.D	102	105	100	99
JC90102-13	A250929N.D	101	105	101	97
JC90102-14	A250935N.D	104	106	99	97
JC90102-14	A250994.D	101	102	100	97
JC90102-15	A250938N.D	104	106	101	98
JC90102-16	A250939N.D	102	105	100	96
JC90102-17	A250940N.D	105	106	101	95
JC90102-18	A251012N.D	103	102	99	98
JC90102-18	A250937N.D	106	106	102	99
JC90102-19	A250941N.D	103	106	100	96
JC90102-20	A250936N.D	102	104	100	98
JC90102-21	A251058.D	100	100	100	99
JC90102-21	A250953N.D	102	107	99	98
JC90102-22	A250957N.D	102	104	101	96
JC90102-23	A250958N.D	102	105	99	96
JC90102-24	A250959N.D	101	105	101	97
JC90102-25	A250960N.D	102	103	99	98
JC90102-26	A250961N.D	102	106	100	98
JC90102-27	A250962N.D	105	105	100	97
JC90102-28	A250963N.D	106	105	99	96
JC90102-29	A250964N.D	103	107	99	99
JC90102-30	A250965N.D	105	106	100	98
JC90102-31	A250966N.D	105	105	100	97
JC90102-32	A250967N.D	102	108	102	97
JC90102-33	A250968N.D	103	109	100	97
JC90102-34	A250969N.D	104	109	102	96

Surrogate Recovery Summary

Page 2 of 2

Job Number: JC90102

Account: AGMINI Arcadis

Project: GE, 13th Street, Tell City, IN

Method: SW846 8260C

Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JC90102-35	A250970N.D	103	107	100	96
JC90102-36	A250971N.D	104	107	101	96
JC90102-37	A251064.D	102	102	100	99
JC90102-38	A251065.D	102	105	101	98
JC90102-39	A251066.D	102	103	99	98
JC90102-40	A251067.D	100	103	101	101
JC89969-8MS	A251059.D	99	100	99	106
JC89969-8MSD	A251060.D	100	99	101	105
JC89988-5MS	A251008N.D	101	99	102	104
JC89988-6DUP	A251010N.D	103	104	99	98
JC90102-18MS	A250932N.D	103	100	101	104
JC90102-18MSD	A250933N.D	102	100	101	105
JC90102-21MS	A250954N.D	100	100	102	105
JC90102-21MSD	A250955N.D	100	100	102	105
JC90102-5MS	A250979.D	99	97	98	105
JC90102-5MSD	A250980.D	98	95	97	107
VA9702-BS	A250975.D	101	99	99	107
VA9702-MB	A250977.D	98	100	99	97
VA9704-BS	A250925N.D	101	98	99	107
VA9704-MB	A250927N.D	101	103	99	100
VA9705-BS	A250950N.D	101	100	101	105
VA9705-MB	A250952N.D	101	103	100	95
VA9707-BS	A250998N.D	102	102	99	105
VA9707-MB	A251000N.D	106	106	98	98
VA9709-BS	A251055.D	100	98	100	107
VA9709-MB	A251057.D	100	101	99	97

Surrogate Compounds

Recovery Limits

S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	81-124%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	80-120%

Arcadis U.S., Inc.

150 W. Market Street

Suite 728

Indianapolis, Indiana 46204

Tel 317 231 6500

Fax 317 231 6514

www.arcadis.com

A decorative graphic consisting of three thin orange lines. One line is horizontal, extending from the left edge of the page towards the right. Two other lines are diagonal, starting from the bottom left and extending towards the top right, intersecting the horizontal line.