



# OREGON

## Environmental Laboratory Accreditation Program

### ORELAP Fields of Accreditation

ORELAP ID: WA100006

EPA CODE: WA00037

Certificate: WA100006 - 013



Analytical Resources Inc.

4611 S. 134th Place, Suite 100

Tukwila, WA 98168-3240

Issue Date: 6/24/2020 Expiration Date: 5/12/2021

As of 6/24/2020 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Code	Analyte	Code	Description
Biological Tissue	EPA 1613B			10120602	Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS
		9516	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)		
		9519	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)		
		9420	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)		
		9426	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)		
		9423	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)		
		9471	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)		
		9453	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)		
		9474	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)		
		9456	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)		
		9477	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)		
		9459	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)		
		9543	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)		
		9540	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)		
		9480	2,3,4,6,7,8-Hexachlorodibenzofuran		
		9549	2,3,4,7,8-Pentachlorodibenzofuran		
		9618	2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)		
		9612	2,3,7,8-Tetrachlorodibenzofuran		
		9438	Hpcdd, total		
		9444	Hpcdf, total		
		9468	Hxcdd, total		
		9483	Hxcdf, total		
		9555	Pecdd, total		
		9552	Pecdf, total		
		9609	TCDD, total		
		9615	TCDF, total		
	EPA 200.7 5			10014003	ICP - metals
		1000	Aluminum		
		1005	Antimony		



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EPA 200.7.5

1010 Arsenic  
1015 Barium  
1020 Beryllium  
1025 Boron  
1030 Cadmium  
1035 Calcium  
1040 Chromium  
1050 Cobalt  
1055 Copper  
1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese  
1100 Molybdenum  
1105 Nickel  
1125 Potassium  
1140 Selenium  
1145 Silicon  
1150 Silver  
1155 Sodium  
1160 Strontium  
1165 Thallium  
1175 Tin  
1180 Titanium  
1185 Vanadium  
1190 Zinc

EPA 200.8.5.5

10014809

Metals by ICP-MS

1000 Aluminum  
1005 Antimony  
1010 Arsenic  
1015 Barium  
1020 Beryllium  
1030 Cadmium  
1035 Calcium  
1040 Chromium  
1050 Cobalt  
1055 Copper  
1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese  
1100 Molybdenum  
1105 Nickel



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EPA 200.8 5.5	1125	Potassium	
	1140	Selenium	
	1150	Silver	
	1155	Sodium	
	1165	Thallium	
	1185	Vanadium	
	1190	Zinc	
EPA 245.5			10037602 Mercury in Sediment by Cold Vapor Atomic Absorption
	1095	Mercury	
EPA 3050B			10135601 Acid Digestion of Sediments, Sludges, and soils
	8031	Extraction/Preparation	
EPA 3540C			10140202 Soxhlet Extraction
	9822	Extraction/Preparation	
EPA 3550C			10142004 Ultrasonic Extraction
	9822	Extraction/Preparation	
EPA 3580A			10143007 Waste Dilution
	9822	Extraction/Preparation	
EPA 3640A			10147203 Gel Preparation Cleanup
	9822	Extraction/Preparation	
EPA 3660B			10148400 Sulfur cleanup
	9822	Extraction/Preparation	
EPA 5000			10152600 Sample Preparation for Volatile Organics
	9822	Extraction/Preparation	
EPA 5035			10154004 Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples
	9822	Extraction/Preparation	
EPA 6010C			10155905 Inductively Coupled Plasma - Atomic Emission Spectrometry
EPA 6010C			
	1000	Aluminum	
	1005	Antimony	
	1010	Arsenic	
	1015	Barium	
	1020	Beryllium	
	1025	Boron	
	1030	Cadmium	
	1035	Calcium	
	1040	Chromium	
	1050	Cobalt	
	1055	Copper	



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EPA 6010C  
EPA 6010C

1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese  
1100 Molybdenum  
1105 Nickel  
1125 Potassium  
1140 Selenium  
1145 Silicon  
1150 Silver  
1155 Sodium  
1160 Strontium  
1165 Thallium  
1175 Tin  
1180 Titanium  
1185 Vanadium  
1190 Zinc

EPA 6010D 4

10155916

Metals by ICP - AES

1000 Aluminum  
1005 Antimony  
1010 Arsenic  
1015 Barium  
1020 Beryllium  
1025 Boron  
1030 Cadmium  
1035 Calcium  
1040 Chromium  
1050 Cobalt  
1055 Copper  
1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese  
1100 Molybdenum  
1105 Nickel  
1125 Potassium  
1140 Selenium  
1145 Silicon  
1150 Silver  
1155 Sodium  
1160 Strontium  
1165 Thallium  
1175 Tin



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#### Biological Tissue

EPA 6010D 4

1180 Titanium  
1185 Vanadium  
1190 Zinc

EPA 6020A 1

10156419

Inductively Coupled Plasma -Mass Spectrometry

1000 Aluminum  
1005 Antimony  
1010 Arsenic  
1015 Barium  
1020 Beryllium  
1030 Cadmium  
1035 Calcium  
1040 Chromium  
1050 Cobalt  
1055 Copper  
1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese  
1100 Molybdenum  
1105 Nickel  
1125 Potassium  
1140 Selenium  
1150 Silver  
1155 Sodium  
1165 Thallium  
1185 Vanadium  
1190 Zinc

EPA 6020B 2

10156420

Inductively Coupled Plasma-Mass Spectrometry

1000 Aluminum  
1005 Antimony  
1010 Arsenic  
1015 Barium  
1020 Beryllium  
1030 Cadmium  
1035 Calcium  
1040 Chromium  
1050 Cobalt  
1055 Copper  
1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese



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EPA 6020B 2

1100 Molybdenum  
1105 Nickel  
1125 Potassium  
1140 Selenium  
1150 Silver  
1155 Sodium  
1165 Thallium  
1185 Vanadium  
1190 Zinc

EPA 7471B

10166402

Mercury by Cold Vapor Atomic Absorption

1095 Mercury

EPA 8041A

10176804

Phenols by Gas Chromatography

6730 2,3,4,5-Tetrachlorophenol  
6735 2,3,4,6-Tetrachlorophenol  
6740 2,3,5,6-Tetrachlorophenol  
6830 2,3,6-Trichlorophenol (4C)  
6835 2,4,5-Trichlorophenol

EPA 8081B

10178800

Organochlorine Pesticides by GC/ECD

8580 2,4'-DDD  
8585 2,4'-DDE  
8590 2,4'-DDT  
7355 4,4'-DDD  
7360 4,4'-DDE  
7365 4,4'-DDT  
7025 Aldrin  
7110 alpha-BHC (alpha-Hexachlorocyclohexane)  
7115 beta-BHC (beta-Hexachlorocyclohexane)  
7250 Chlordane (tech.)  
7240 cis-chlordane (alpha-Chlordane)  
7925 cis-Nonachlor  
7105 delta-BHC  
7470 Dieldrin  
7510 Endosulfan I  
7515 Endosulfan II  
7520 Endosulfan sulfate  
7540 Endrin  
7530 Endrin aldehyde  
7535 Endrin ketone  
7120 gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)  
7245 gamma-Chlordane





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EPA 8081B

7685 Heptachlor  
7690 Heptachlor epoxide  
6275 Hexachlorobenzene  
4835 Hexachlorobutadiene  
7810 Methoxychlor  
7870 Mirex  
3890 Oxychlorane  
8250 Toxaphene (Chlorinated camphene)  
7910 trans-Nonachlor

EPA 8082A

10179201

Polychlorinated Biphenyls (PCBs) by GC/ECD

9902 2,2',3,3',4,4',5,5',6-Nonabromodiphenyl ether (BDE-206)  
9890 2,2',3,3',4,4',5,5'-Octabromodiphenyl ether (BDE-194)  
9090 2,2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ-194)  
9903 2,2',3,3',4,4',5,6,6'-Nonabromodiphenyl ether (BDE-207)  
9891 2,2',3,3',4,4',5,6-Octabromodiphenyl ether (BDE-195)  
9892 2,2',3,3',4,4',5,6'-Octabromodiphenyl ether (BDE-196)  
9103 2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ-195)  
9866 2,2',3,3',4,4',5-Heptabromodiphenyl ether (BDE-170)  
9065 2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ-170)  
9020 2,2',3,3',4,4'-Hexachlorobiphenyl (BZ-128)  
9112 2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ-201)  
9873 2,2',3,3',4',5,6-Heptabromodiphenyl ether (BDE-177)  
9116 2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-174)  
9114 2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-177)  
9120 2,2',3,3',4,6'-Hexachlorobiphenyl (BZ-132)  
9133 2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ-203)  
9134 2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ-180)  
9878 2,2',3,4,4',5,6'-Heptabromodiphenyl ether (BDE-182)  
9075 2,2',3,4,4',5,6-Heptachlorobiphenyl (BZ-183)



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EPA 8082A

9835	2,2',3,4,4',5'-Hexabromodiphenyl ether (BDE-138)
9025	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)
9784	2,2',3,4,4'-Pentabromodiphenyl ether (BDE-85)
9080	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)
9030	2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-141)
9151	2,2',3,4',5,6-Hexachlorobiphenyl (BZ-149)
9796	2,2',3',4,5-Pentabromodiphenyl ether (BDE-97)
8975	2,2',3,4,5'-Pentachlorobiphenyl (BZ-87)
9154	2,2',3,4',5'-Pentachlorobiphenyl (BZ-97)
9797	2,2',3',4,6-Pentabromodiphenyl ether (BDE-98)
9035	2,2',3,5,5',6-Hexachlorobiphenyl (BZ-151)
9166	2,2',3,5',6-Pentachlorobiphenyl (BZ-95)
8945	2,2',3,5'-Tetrachlorobiphenyl (BZ-44)
9569	2,2',4,4',5,5'-Hexabromodiphenyl ether (BDE-153)
9040	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153)
9850	2,2',4,4',5',6-Hexabromodiphenyl ether (BDE-154)
9571	2,2',4,4',5-Pentabromodiphenyl ether (BDE-99)
9175	2,2',4,4',5-Pentachlorobiphenyl (BZ-99)
9572	2,2',4,4',6-Pentabromodiphenyl ether (BDE-100)
9773	2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)
8980	2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)
8950	2,2',4,5'-Tetrachlorobiphenyl (BZ-49)
9716	2,2',4-Tribromodiphenyl ether (BDE-17)
8955	2,2',5,5'-Tetrachlorobiphenyl (BZ-52)
8930	2,2',5-Trichlorobiphenyl (BZ-18)
9050	2,3,3',4,4',5-Hexachlorobiphenyl (BZ-156)
9193	2,3,3',4,4',6-Hexachlorobiphenyl (BZ-158)
8985	2,3,3',4,4'-Pentachlorobiphenyl (BZ-105)
9819	2',3,3',4,5-Pentabromodiphenyl ether (BDE-122)





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8990 2,3,3',4',6-Pentachlorobiphenyl (BZ-110)  
9207 2,3,3',4'-Tetrachlorobiphenyl (BZ-56)  
9820 2',3,4,4',5-Pentabromodiphenyl ether (BDE-123)  
8995 2,3',4,4',5-Pentachlorobiphenyl (BZ-118)  
9758 2,3,4,4'-Tetrabromodiphenyl ether (BDE-60)  
9764 2,3',4,4'-Tetrabromodiphenyl ether (BDE-66)  
9221 2,3,4,4'-Tetrachlorobiphenyl (BZ-60)  
8960 2,3',4,4'-Tetrachlorobiphenyl (BZ-66)  
9821 2',3,4,5,5'-Pentabromodiphenyl ether (BDE-124)  
9822 2',3,4,5,6'-Pentabromodiphenyl ether (BDE-125)  
9775 2',3,4,5-Tetrabromodiphenyl ether (BDE-76)  
9230 2,3',4',5-Tetrachlorobiphenyl (BZ-70)  
9760 2,3,4,6-Tetrabromodiphenyl ether (BDE-62)  
9769 2,3',4',6-Tetrabromodiphenyl ether (BDE-71)  
9732 2',3,4-Tribromodiphenyl ether (BDE-33)  
9239 2,3',4'-Trichlorobiphenyl (BZ-33)  
9733 2',3,5-Tribromodiphenyl ether (BDE-34)  
9250 2,4,4',5-Tetrachlorobiphenyl (BZ-74)  
9727 2,4,4'-Tribromodiphenyl ether (BDE-28)  
9252 2,4,4'-Trichlorobiphenyl (BZ-28)  
8940 2,4',5-Trichlorobiphenyl (BZ-31)  
9256 2,4'-Dichlorobiphenyl (BZ-8)  
8880 Aroclor-1016 (PCB-1016)  
8885 Aroclor-1221 (PCB-1221)  
8890 Aroclor-1232 (PCB-1232)  
8895 Aroclor-1242 (PCB-1242)  
8900 Aroclor-1248 (PCB-1248)  
8905 Aroclor-1254 (PCB-1254)  
8910 Aroclor-1260 (PCB-1260)  
8912 Aroclor-1262 (PCB-1262)  
8913 Aroclor-1268 (PCB-1268)

EPA 8260C

10307003

Volatile Organics: GC/MS (capillary column)

5105 1,1,1,2-Tetrachloroethane  
5160 1,1,1-Trichloroethane  
5110 1,1,2,2-Tetrachloroethane



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EPA 8260C

- |      |   |
|------|---|
| 5195 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) |
| 5165 | 1,1,2-Trichloroethane                             |
| 4630 | 1,1-Dichloroethane                                |
| 4640 | 1,1-Dichloroethylene                              |
| 4670 | 1,1-Dichloropropene                               |
| 5150 | 1,2,3-Trichlorobenzene                            |
| 5180 | 1,2,3-Trichloropropane                            |
| 5155 | 1,2,4-Trichlorobenzene                            |
| 5210 | 1,2,4-Trimethylbenzene                            |
| 4570 | 1,2-Dibromo-3-chloropropane (DBCP)                |
| 4585 | 1,2-Dibromoethane (EDB, Ethylene dibromide)       |
| 4610 | 1,2-Dichlorobenzene                               |
| 4635 | 1,2-Dichloroethane (Ethylene dichloride)          |
| 4655 | 1,2-Dichloropropane                               |
| 5215 | 1,3,5-Trimethylbenzene                            |
| 4615 | 1,3-Dichlorobenzene                               |
| 4660 | 1,3-Dichloropropane                               |
| 4620 | 1,4-Dichlorobenzene                               |
| 4665 | 2,2-Dichloropropane                               |
| 4410 | 2-Butanone (Methyl ethyl ketone, MEK)             |
| 4500 | 2-Chloroethyl vinyl ether                         |
| 4535 | 2-Chlorotoluene                                   |
| 4860 | 2-Hexanone (MBK)                                  |
| 4540 | 4-Chlorotoluene                                   |
| 4910 | 4-Isopropyltoluene (p-Cymene)                     |
| 4995 | 4-Methyl-2-pentanone (MIBK)                       |
| 4315 | Acetone   |
| 4325 | Acrolein (Propenal)                               |
| 4340 | Acrylonitrile                                     |
| 4375 | Benzene   |
| 4385 | Bromobenzene                                      |
| 4390 | Bromochloromethane                                |
| 4395 | Bromodichloromethane                              |
| 4397 | Bromoethane (Ethyl Bromide)                       |
| 4400 | Bromoform   |
| 4450 | Carbon disulfide                                  |
| 4455 | Carbon tetrachloride                              |
| 4475 | Chlorobenzene                                     |
| 4575 | Chlorodibromomethane                              |
| 4485 | Chloroethane (Ethyl chloride)                     |
| 4505 | Chloroform  |
| 4645 | cis-1,2-Dichloroethylene                          |



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4680 cis-1,3-Dichloropropene  
4595 Dibromomethane (Methylene bromide)  
4625 Dichlorodifluoromethane (Freon-12)  
4765 Ethylbenzene  
4835 Hexachlorobutadiene  
4870 Iodomethane (Methyl iodide)  
4900 Isopropylbenzene (Cumene)  
5240 m+p-xylene  
4950 Methyl bromide (Bromomethane)  
4960 Methyl chloride (Chloromethane)  
5000 Methyl tert-butyl ether (MTBE)  
4975 Methylene chloride (Dichloromethane)  
5005 Naphthalene  
4435 n-Butylbenzene  
5090 n-Propylbenzene  
5250 o-Xylene  
4440 sec-Butylbenzene  
5100 Styrene  
4445 tert-Butylbenzene  
5115 Tetrachloroethylene (Perchloroethylene)  
5140 Toluene  
4700 trans-1,2-Dichloroethylene  
4685 trans-1,3-Dichloropropylene  
4605 trans-1,4-Dichloro-2-butene  
5170 Trichloroethene (Trichloroethylene)  
5175 Trichlorofluoromethane  
(Fluorotrichloromethane, Freon 11)  
5225 Vinyl acetate  
5235 Vinyl chloride

EPA 8260D

10307127

Volatile Organic Compounds By GC/MS

5105 1,1,1,2-Tetrachloroethane  
5160 1,1,1-Trichloroethane  
5110 1,1,2,2-Tetrachloroethane  
5185 1,1,2-Trichloro-1,2,2-trifluoroethane  
(Freon 113)  
5165 1,1,2-Trichloroethane  
4630 1,1-Dichloroethane  
4640 1,1-Dichloroethylene  
4670 1,1-Dichloropropene  
5150 1,2,3-Trichlorobenzene  
5180 1,2,3-Trichloropropane  
5155 1,2,4-Trichlorobenzene  
5210 1,2,4-Trimethylbenzene  
4570 1,2-Dibromo-3-chloropropane (DBCP)



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Certificate: WA100006 - 013



Analytical Resources Inc.

4611 S. 134th Place, Suite 100

Tukwila, WA 98168-3240

Issue Date: 6/24/2020 Expiration Date: 5/12/2021

**As of 6/24/2020 this list supersedes all previous lists for this certificate number.**

### Biological Tissue

EPA 8260D

- 4585 1,2-Dibromoethane (EDB, Ethylene dibromide)
- 4610 1,2-Dichlorobenzene
- 4635 1,2-Dichloroethane (Ethylene dichloride)
- 4655 1,2-Dichloropropane
- 5215 1,3,5-Trimethylbenzene
- 4615 1,3-Dichlorobenzene
- 4660 1,3-Dichloropropane
- 4620 1,4-Dichlorobenzene
- 4665 2,2-Dichloropropane
- 4410 2-Butanone (Methyl ethyl ketone, MEK)
- 4500 2-Chloroethyl vinyl ether
- 4535 2-Chlorotoluene
- 4860 2-Hexanone (MBK)
- 4540 4-Chlorotoluene
- 4910 4-Isopropyltoluene (p-Cymene)
- 4995 4-Methyl-2-pentanone (MIBK)
- 4315 Acetone
- 4325 Acrolein (Propenal)
- 4340 Acrylonitrile
- 4375 Benzene
- 4385 Bromobenzene
- 4390 Bromochloromethane
- 4395 Bromodichloromethane
- 4400 Bromoform
- 4450 Carbon disulfide
- 4455 Carbon tetrachloride
- 4475 Chlorobenzene
- 4575 Chlorodibromomethane
- 4485 Chloroethane (Ethyl chloride)
- 4505 Chloroform
- 4645 cis-1,2-Dichloroethylene
- 4680 cis-1,3-Dichloropropene
- 4595 Dibromomethane (Methylene bromide)
- 4625 Dichlorodifluoromethane (Freon-12)
- 4765 Ethylbenzene
- 4835 Hexachlorobutadiene
- 4870 Iodomethane (Methyl iodide)
- 4900 Isopropylbenzene (Cumene)
- 5240 m+p-xylene
- 4950 Methyl bromide (Bromomethane)
- 4960 Methyl chloride (Chloromethane)
- 5000 Methyl tert-butyl ether (MTBE)
- 4975 Methylene chloride (Dichloromethane)



# OREGON

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#### Biological Tissue

EPA 8260D

5005 Naphthalene  
4435 n-Butylbenzene  
5090 n-Propylbenzene  
5250 o-Xylene  
4440 sec-Butylbenzene  
5100 Styrene  
4445 tert-Butylbenzene  
5115 Tetrachloroethylene (Perchloroethylene)  
5140 Toluene  
4700 trans-1,2-Dichloroethylene  
4685 trans-1,3-Dichloropropylene  
4605 trans-1,4-Dichloro-2-butene  
5170 Trichloroethene (Trichloroethylene)  
5175 Trichlorofluoromethane  
(Fluorotrichloromethane, Freon 11)  
5225 Vinyl acetate  
5235 Vinyl chloride

EPA 8270D

10186002

Semivolatile Organic compounds by  
GC/MS

6715 1,2,4,5-Tetrachlorobenzene  
5155 1,2,4-Trichlorobenzene  
4610 1,2-Dichlorobenzene  
4615 1,3-Dichlorobenzene  
4620 1,4-Dichlorobenzene  
4735 1,4-Dioxane (1,4- Diethyleneoxide)  
6380 1-Methylnaphthalene  
4659 2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether  
6835 2,4,5-Trichlorophenol  
6840 2,4,6-Trichlorophenol  
6000 2,4-Dichlorophenol  
6130 2,4-Dimethylphenol  
6175 2,4-Dinitrophenol  
6185 2,4-Dinitrotoluene (2,4-DNT)  
6190 2,6-Dinitrotoluene (2,6-DNT)  
5795 2-Chloronaphthalene  
5800 2-Chlorophenol  
6360 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)  
6385 2-Methylnaphthalene  
6400 2-Methylphenol (o-Cresol)  
6460 2-Nitroaniline  
6490 2-Nitrophenol  
5945 3,3'-Dichlorobenzidine  
6465 3-Nitroaniline



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### Biological Tissue

EPA 8270D

5660 4-Bromophenyl phenyl ether (BDE-3)  
5700 4-Chloro-3-methylphenol  
5745 4-Chloroaniline  
5825 4-Chlorophenyl phenylether  
4910 4-Isopropyltoluene (p-Cymene)  
6410 4-Methylphenol (p-Cresol)  
6470 4-Nitroaniline  
6500 4-Nitrophenol  
5500 Acenaphthene  
5505 Acenaphthylene  
5510 Acetophenone  
7005 Alachlor  
6700 alpha-Terpineol  
5545 Aniline  
5555 Anthracene  
7075 Azinphos-methyl (Guthion)  
5562 Azobenzene  
5595 Benzidine  
5575 Benzo(a)anthracene  
5580 Benzo(a)pyrene  
5605 Benzo(e)pyrene  
5590 Benzo(g,h,i)perylene  
5600 Benzo(k)fluoranthene  
5585 Benzo[b]fluoranthene  
5610 Benzoic acid  
5630 Benzyl alcohol  
5640 Biphenyl  
5760 bis(2-Chloroethoxy)methane  
5765 bis(2-Chloroethyl) ether  
7125 Bolstar (Sulprofos)  
5670 Butyl benzyl phthalate  
5671 Butyl diphenyl Phosphate  
5673 Butylated Hydroxy Toluene (BHT)  
5680 Carbazole  
7255 Chlorfenvinphos  
7300 Chlorpyrifos  
5855 Chrysene  
7315 Coumaphos  
7330 Crotoxyphos  
7385 Demeton-s  
6065 Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)  
7410 Diazinon  
5895 Dibenz(a,h) anthracene





# OREGON

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### Biological Tissue

EPA 8270D

5905 Dibenzofuran  
5912 Dibutyl phenyl Phosphatate  
7465 Dicrotophos  
6070 Diethyl phthalate  
7475 Dimethoate  
6135 Dimethyl phthalate  
5925 Di-n-butyl phthalate  
6200 Di-n-octyl phthalate  
8625 Disulfoton  
7550 EPN  
7565 Ethion  
7570 Ethoprop  
7600 Fensulfothion  
7605 Fenthion  
6265 Fluoranthene  
6270 Fluorene  
6275 Hexachlorobenzene  
4835 Hexachlorobutadiene  
6285 Hexachlorocyclopentadiene  
4840 Hexachloroethane  
6315 Indeno(1,2,3-cd) pyrene  
6320 Isophorone  
7770 Malathion  
7785 Merphos  
7825 Methyl parathion (Parathion, methyl)  
7850 Mevinphos  
7880 Monocrotophos  
7905 Naled  
5005 Naphthalene  
5015 Nitrobenzene  
6530 n-Nitrosodimethylamine  
6545 n-Nitrosodi-n-propylamine  
6535 n-Nitrosodiphenylamine  
7955 Parathion, ethyl  
6605 Pentachlorophenol  
6615 Phenanthrene  
6625 Phenol  
7985 Phorate  
6665 Pyrene  
5095 Pyridine  
6683 Retene  
8110 Ronnel  
8155 Sulfotepp



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#### Biological Tissue

EPA 8270D

- 8200 Tetrachlorvinphos (Stirophos, Gardona)  
Z-isomer
- 8245 Tokuthion (Prothiophos)
- 8262 Tributyl phosphate
- 8275 Trichloronate
- 8282 Triphenyl phosphate

EPA 8270D  
SIM

10242509

Semivolatile Organic compounds by  
GC/MS Selective Ion Monitoring

- 6380 1-Methylnaphthalene
- 6385 2-Methylnaphthalene
- 5500 Acenaphthene
- 5505 Acenaphthylene
- 5555 Anthracene
- 5575 Benzo(a)anthracene
- 5580 Benzo(a)pyrene
- 5605 Benzo(e)pyrene
- 5590 Benzo(g,h,i)perylene
- 9309 Benzo(j)fluoranthene
- 5600 Benzo(k)fluoranthene
- 5585 Benzo[b]fluoranthene
- 5640 Biphenyl
- 5680 Carbazole
- 5855 Chrysene
- 5895 Dibenz(a,h)anthracene
- 5905 Dibenzofuran
- 6265 Fluoranthene
- 6270 Fluorene
- 6315 Indeno(1,2,3-cd)pyrene
- 5005 Naphthalene
- 6608 Perylene
- 6615 Phenanthrene
- 6665 Pyrene

EPA 8270E

10242543

Semivolatile Organic compounds by  
GC/MS

- 6715 1,2,4,5-Tetrachlorobenzene
- 5155 1,2,4-Trichlorobenzene
- 4610 1,2-Dichlorobenzene
- 4615 1,3-Dichlorobenzene
- 4620 1,4-Dichlorobenzene
- 4735 1,4-Dioxane (1,4-Diethyleneoxide)
- 6380 1-Methylnaphthalene
- 4659 2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether
- 6835 2,4,5-Trichlorophenol
- 6840 2,4,6-Trichlorophenol



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#### Biological Tissue

EPA 8270E

6000	2,4-Dichlorophenol
6130	2,4-Dimethylphenol
6175	2,4-Dinitrophenol
6185	2,4-Dinitrotoluene (2,4-DNT)
6190	2,6-Dinitrotoluene (2,6-DNT)
5795	2-Chloronaphthalene
5800	2-Chlorophenol
6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
6385	2-Methylnaphthalene
6400	2-Methylphenol (o-Cresol)
6460	2-Nitroaniline
6490	2-Nitrophenol
5945	3,3'-Dichlorobenzidine
6465	3-Nitroaniline
5660	4-Bromophenyl phenyl ether (BDE-3)
5700	4-Chloro-3-methylphenol
5745	4-Chloroaniline
5825	4-Chlorophenyl phenylether
4910	4-Isopropyltoluene (p-Cymene)
6410	4-Methylphenol (p-Cresol)
6470	4-Nitroaniline
6500	4-Nitrophenol
5500	Acenaphthene
5505	Acenaphthylene
5510	Acetophenone
7005	Alachlor
6700	alpha-Terpineol
5545	Aniline
5555	Anthracene
7075	Azinphos-methyl (Guthion)
5562	Azobenzene
5595	Benzidine
5575	Benzo(a)anthracene
5580	Benzo(a)pyrene
5605	Benzo(e)pyrene
5590	Benzo(g,h,i)perylene
5600	Benzo(k)fluoranthene
5585	Benzo[b]fluoranthene
5610	Benzoic acid
5630	Benzyl alcohol
5640	Biphenyl
5760	bis(2-Chloroethoxy)methane
5765	bis(2-Chloroethyl) ether



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#### Biological Tissue

EPA 8270E

7125 Bolstar (Sulprofos)  
5670 Butyl benzyl phthalate  
5671 Butyl diphenyl Phosphate  
5673 Butylated Hydroxy Toluene (BHT)  
5680 Carbazole  
7255 Chlorfenvinphos  
7300 Chlorpyrifos  
5855 Chrysene  
7315 Coumaphos  
7330 Crotoxyphos  
7385 Demeton-s  
6065 Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)  
7410 Diazinon  
5895 Dibenz(a,h) anthracene  
5905 Dibenzofuran  
5912 Dibutyl phenyl Phosphatate  
7465 Dicrotophos  
6070 Diethyl phthalate  
7475 Dimethoate  
6135 Dimethyl phthalate  
5925 Di-n-butyl phthalate  
6200 Di-n-octyl phthalate  
8625 Disulfoton  
7550 EPN  
7565 Ethion  
7570 Ethoprop  
7600 Fensulfothion  
7605 Fenthion  
6265 Fluoranthene  
6270 Fluorene  
6275 Hexachlorobenzene  
4835 Hexachlorobutadiene  
6285 Hexachlorocyclopentadiene  
4840 Hexachloroethane  
6315 Indeno(1,2,3-cd) pyrene  
6320 Isophorone  
7770 Malathion  
7785 Merphos  
7825 Methyl parathion (Parathion, methyl)  
7850 Mevinphos  
7880 Monocrotophos  
7905 Naled  
5005 Naphthalene



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#### Biological Tissue

EPA 8270E

5015 Nitrobenzene  
6530 n-Nitrosodimethylamine  
6545 n-Nitrosodi-n-propylamine  
6535 n-Nitrosodiphenylamine  
7955 Parathion, ethyl  
6605 Pentachlorophenol  
6615 Phenanthrene  
6625 Phenol  
7985 Phorate  
6665 Pyrene  
5095 Pyridine  
6683 Retene  
8110 Ronnel  
8155 Sulfotepp  
8200 Tetrachlorvinphos (Stirophos, Gardona)  
Z-isomer  
8245 Tokuthion (Prothiophos)  
8262 Tributyl phosphate  
8275 Trichloronate  
8282 Triphenyl phosphate

EPA 8270E SIM

10242565

Semivolatile Organic compounds by  
Gas Chromatography/Mass  
Spectrometry (GC/MS-SIM)

6380 1-Methylnaphthalene  
6385 2-Methylnaphthalene  
5500 Acenaphthene  
5505 Acenaphthylene  
5555 Anthracene  
5575 Benzo(a)anthracene  
5580 Benzo(a)pyrene  
5605 Benzo(e)pyrene  
5590 Benzo(g,h,i)perylene  
9309 Benzo(j)fluoranthene  
5600 Benzo(k)fluoranthene  
5585 Benzo[b]fluoranthene  
5640 Biphenyl  
5680 Carbazole  
5855 Chrysene  
5895 Dibenz(a,h)anthracene  
5905 Dibenzofuran  
5913 Dibutyltin  
6265 Fluoranthene  
6270 Fluorene  
6315 Indeno(1,2,3-cd)pyrene



# OREGON

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### Biological Tissue

EPA 8270E SIM

1206 Monobutyltin  
5005 Naphthalene  
6608 Perylene  
6615 Phenanthrene  
6665 Pyrene  
1209 Tetrabutyltin  
1213 Tributyltin

EPA 8290A

10187403

Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS

9516 1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)  
9519 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)  
9420 1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)  
9426 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)  
9423 1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)  
9471 1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)  
9453 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)  
9474 1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)  
9456 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)  
9477 1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)  
9459 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)  
9543 1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)  
9540 1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)  
9480 2,3,4,6,7,8-Hexachlorodibenzofuran  
9549 2,3,4,7,8-Pentachlorodibenzofuran  
9618 2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)  
9612 2,3,7,8-Tetrachlorodibenzofuran  
9438 Hpcdd, total  
9444 Hpcdf, total  
9468 Hxcdd, total  
9483 Hxcdf, total  
9555 Pecdd, total  
9552 Pecdf, total  
9609 TCDD, total





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Biological T	EPA 8290A	9615	TCDF, total	
Non-Potable Water	AK101 GRO-MS AK101 GRO-MS			90015159 Determination of Gasoline Range Organics by GC/MS - Alaska Department of Environmental Conservation
		9408	Gasoline range organics (GRO)	
	AK102 DRO AK102 DRO			90015206 Determination of Diesel Range Organics - Alaska Department of Environmental Conservation
		9369	Diesel range organics (DRO)	
	AK103 RRO			90015400 Determination of Residual Range Organics - Alaska Department of Environmental Conservation
		9499	Motor Oil	
	EPA 120.1			10006209 Conductance - Specific @ 25 C
		1610	Conductivity	
	EPA 1311			10118806 Toxicity Characteristic Leaching Procedure
		9822	Extraction/Preparation	
	EPA 1312			10119003 Synthetic Precipitation Leaching Procedure
		9822	Extraction/Preparation	
	EPA 160.4			10010409 Total Volatile Solids, ignition @ 550 C.
		1970	Residue-volatile	
	EPA 1613B			10120602 Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS
		9516	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	
		9519	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	
		9420	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	
		9426	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	
		9423	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	
		9471	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	
		9453	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	
		9474	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	
		9456	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)	
		9477	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	



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#### Non-Potable Water

EPA 1613B	9459	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	
	9543	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	
	9540	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	
	9480	2,3,4,6,7,8-Hexachlorodibenzofuran	
	9549	2,3,4,7,8-Pentachlorodibenzofuran	
	9618	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	
	9612	2,3,7,8-Tetrachlorodibenzofuran	
	9438	Hpcdd, total	
	9444	Hpcdf, total	
	9468	Hxcdd, total	
	9483	Hxcdf, total	
	9555	Pecdd, total	
	9552	Pecdf, total	
	9609	TCDD, total	
	9615	TCDF, total	
EPA 1664B EPA 1664B	10261617	N-Hexane Extractable Material (Oil and Grease) by Extraction and Gravimetry	
	1803	n-Hexane Extractable Material (O&G)	
EPA 1664B (SGT-HEM) EPA 1664B (SGT-HEM)	10260628	Silica Gel Treated n-Hexane Extractable Material (Oil & Grease)	
	2050	Total Petroleum Hydrocarbons (TPH)	
EPA 180.1 2	10011800	Turbidity - Nephelometric	
	2055	Turbidity	
EPA 200.7 5	10014003	ICP - metals	
	1000	Aluminum	
	1005	Antimony	
	1010	Arsenic	
	1015	Barium	
	1020	Beryllium	
	1025	Boron	
	1030	Cadmium	
	1035	Calcium	
	1040	Chromium	
	1050	Cobalt	
	1055	Copper	
	1070	Iron	
	1075	Lead	
	1085	Magnesium	
	1090	Manganese	
	1100	Molybdenum	



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Tukwila, WA 98168-3240

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#### Non-Potable Water

EPA 200.7 5

1105 Nickel  
1125 Potassium  
1140 Selenium  
1145 Silicon  
1150 Silver  
1155 Sodium  
1160 Strontium  
1165 Thallium  
1175 Tin  
1180 Titanium  
1185 Vanadium  
1190 Zinc

EPA 200.8 5.5

10014809

Metals by ICP-MS

1000 Aluminum  
1005 Antimony  
1010 Arsenic  
1015 Barium  
1020 Beryllium  
1030 Cadmium  
1035 Calcium  
1040 Chromium  
1050 Cobalt  
1055 Copper  
1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese  
1100 Molybdenum  
1105 Nickel  
1125 Potassium  
1140 Selenium  
1150 Silver  
1155 Sodium  
1165 Thallium  
1185 Vanadium  
1190 Zinc

EPA 245.1 4.1

10271008

Mercury by Cold Vapor Atomic Absorption

1095 Mercury

EPA 300.0 2.1

10053200

Methods for the Determination of Inorganic Substances in Environmental Samples

1540 Bromide  
1575 Chloride



# OREGON

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Analytical Resources Inc.

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Tukwila, WA 98168-3240

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### Non-Potable Water

EPA 300.0 2.1	1730	Fluoride	
	1810	Nitrate as N	
	1840	Nitrite as N	
	1870	Orthophosphate as P	
	2000	Sulfate	
EPA 3005A			10133207 Acid Digestion of waters for Total Recoverable or Dissolved Metals
	9822	Extraction/Preparation	
EPA 3010A			10133605 Acid Digestion of Aqueous samples and Extracts for Total Metals
	9822	Extraction/Preparation	
EPA 3020A			10134404 Acid Digestion of Aqueous samples and Extracts for Total Metals for Analysis by GFAA
	9822	Extraction/Preparation	
EPA 335.4 1.0			10061402 Methods for the Determination of Inorganic Substances in Environmental Samples
	1510	Amenable cyanide	
	1635	Cyanide	
	1645	Total cyanide	
EPA 351.2 2			10065404 Total Kjeldahl Nitrogen - Block Digest, Phenate
	1790	Kjeldahl nitrogen	
	1795	Total Kjeldahl Nitrogen (TKN)	
EPA 3510C			10138202 Separatory Funnel Liquid-liquid extraction
	9822	Extraction/Preparation	
EPA 3520C			10139001 Continuous Liquid-liquid extraction
	9822	Extraction/Preparation	
EPA 353.2 2			10067604 Nitrate/Nitrite Nitrogen - Automated, Cadmium
	1810	Nitrate as N	
	1820	Nitrate plus Nitrite as N	
	1840	Nitrite as N	
EPA 3550C			10142004 Ultrasonic Extraction
	9822	Extraction/Preparation	
EPA 3580A			10143007 Waste Dilution
	9822	Extraction/Preparation	
EPA 3611B			10145207 Alumina Column Cleanup and separation of petroleum wastes
	8031	Extraction/Preparation	
EPA 3620C			10146006 Florisil Cleanup
	8031	Extraction/Preparation	



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EPA 3630C	10146802	Silica gel cleanup
8031 Extraction/Preparation		
EPA 3640A	10147203	Gel Preparation Cleanup
9822 Extraction/Preparation		
EPA 3650B	10147805	Acid base partition cleanup
8031 Extraction/Preparation		
EPA 3660B	10148400	Sulfur cleanup
9822 Extraction/Preparation		
EPA 3665A	10148808	Sulfuric Acid / permanganate Cleanup
9822 Extraction/Preparation		
EPA 375.2 4	10073004	Sulfate - Colorimetric, Automated, Methylthymol.
2000 Sulfate		
EPA 410.4 2	10077404	Chemical Oxygen Demand - Colorimetric, Automated.
1565 Chemical oxygen demand		
EPA 420.1	10079400	Phenolics - Spectrophotometric, manual.
1905 Total phenolics		
EPA 5000	10152600	Sample Preparation for Volatile Organics
9822 Extraction/Preparation		
EPA 5030B	10153409	Purge and trap for aqueous samples
9822 Extraction/Preparation		
EPA 6010C	10155905	Inductively Coupled Plasma - Atomic Emission Spectrometry
EPA 6010C		
1000 Aluminum		
1005 Antimony		
1010 Arsenic		
1015 Barium		
1020 Beryllium		
1025 Boron		
1030 Cadmium		
1035 Calcium		
1040 Chromium		
1050 Cobalt		
1055 Copper		
1070 Iron		
1075 Lead		
1085 Magnesium		
1090 Manganese		
1100 Molybdenum		
1105 Nickel		



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EPA 6010C	1125	Potassium	
EPA 6010C	1140	Selenium	
	1145	Silicon	
	1150	Silver	
	1155	Sodium	
	1165	Thallium	
	1175	Tin	
	1180	Titanium	
	1185	Vanadium	
	1190	Zinc	
EPA 6010D 4			10155916 Metals by ICP - AES
	1145	Silicon	
EPA 6020A 1			10156419 Inductively Coupled Plasma -Mass Spectrometry
	1000	Aluminum	
	1005	Antimony	
	1010	Arsenic	
	1015	Barium	
	1020	Beryllium	
	1030	Cadmium	
	1035	Calcium	
	1040	Chromium	
	1050	Cobalt	
	1055	Copper	
	1070	Iron	
	1075	Lead	
	1085	Magnesium	
	1090	Manganese	
	1100	Molybdenum	
	1105	Nickel	
	1125	Potassium	
	1140	Selenium	
	1150	Silver	
	1155	Sodium	
	1165	Thallium	
	1185	Vanadium	
	1190	Zinc	
EPA 7196A			10162400 Chromium Hexavalent colorimetric
	1045	Chromium VI	
EPA 7470A			10165807 Mercury in Liquid Waste by Cold Vapor Atomic Absorption
	1095	Mercury	





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#### Non-Potable Water

EPA 8015C	10173805	Non-halogenated organics using GC/FID
9369 Diesel range organics (DRO)		
9408 Gasoline range organics (GRO)		
EPA 8015D	10305609	Nonhalogenated Organics Using GC/FID
9506 Residual Range Organics (RRO)		
EPA 8041A	10176804	Phenols by Gas Chromatography
6730 2,3,4,5-Tetrachlorophenol		
6735 2,3,4,6-Tetrachlorophenol		
6740 2,3,5,6-Tetrachlorophenol		
6830 2,3,6-Trichlorophenol (4C)		
6835 2,4,5-Trichlorophenol		
6605 Pentachlorophenol		
EPA 8081B	10178800	Organochlorine Pesticides by GC/ECD
8580 2,4'-DDD		
8585 2,4'-DDE		
8590 2,4'-DDT		
7355 4,4'-DDD		
7360 4,4'-DDE		
7365 4,4'-DDT		
7025 Aldrin		
7110 alpha-BHC (alpha-Hexachlorocyclohexane)		
7115 beta-BHC (beta-Hexachlorocyclohexane)		
7250 Chlordane (tech.)		
7240 cis-chlordane (alpha-Chlordane)		
7925 cis-Nonachlor		
7105 delta-BHC		
7470 Dieldrin		
7510 Endosulfan I		
7515 Endosulfan II		
7520 Endosulfan sulfate		
7540 Endrin		
7530 Endrin aldehyde		
7535 Endrin ketone		
7120 gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)		
7245 gamma-Chlordane		
7685 Heptachlor		
7690 Heptachlor epoxide		
6275 Hexachlorobenzene		
4835 Hexachlorobutadiene		



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EPA 8081B	7810	Methoxychlor	
	7870	Mirex	
	3890	Oxychlorane	
	8250	Toxaphene (Chlorinated camphene)	
	7910	trans-Nonachlor	
EPA 8082A	10179201	Polychlorinated Biphenyls (PCBs) by GC/ECD	
	9902	2,2',3,3',4,4',5,5',6-Nonabromodiphenyl ether (BDE-206)	
	9890	2,2',3,3',4,4',5,5'-Octabromodiphenyl ether (BDE-194)	
	9090	2,2',3,3',4,4',5,5'-Octachlorobiphenyl (BZ-194)	
	9903	2,2',3,3',4,4',5,6,6'-Nonabromodiphenyl ether (BDE-207)	
	9891	2,2',3,3',4,4',5,6-Octabromodiphenyl ether (BDE-195)	
	9892	2,2',3,3',4,4',5,6'-Octabromodiphenyl ether (BDE-196)	
	9103	2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ-195)	
	9866	2,2',3,3',4,4',5-Heptabromodiphenyl ether (BDE-170)	
	9065	2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ-170)	
	9020	2,2',3,3',4,4'-Hexachlorobiphenyl (BZ-128)	
	9112	2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ-201)	
	9873	2,2',3,3',4,5,6-Heptabromodiphenyl ether (BDE-177)	
	9116	2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-174)	
	9114	2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-177)	
	9120	2,2',3,3',4,6'-Hexachlorobiphenyl (BZ-132)	
	9133	2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ-203)	
	9878	2,2',3,4,4',5,6'-Heptabromodiphenyl ether (BDE-182)	
	9075	2,2',3,4,4',5,6-Heptachlorobiphenyl (BZ-183)	
	9835	2,2',3,4,4',5'-Hexabromodiphenyl ether (BDE-138)	
	9025	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)	
	9784	2,2',3,4,4'-Pentabromodiphenyl ether (BDE-85)	



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EPA 8082A

9080	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)
9030	2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-141)
9151	2,2',3,4',5',6-Hexachlorobiphenyl (BZ-149)
9796	2,2',3',4,5-Pentabromodiphenyl ether (BDE-97)
8975	2,2',3,4,5'-Pentachlorobiphenyl (BZ-87)
9154	2,2',3,4',5'-Pentachlorobiphenyl (BZ-97)
9797	2,2',3',4,6-Pentabromodiphenyl ether (BDE-98)
9035	2,2',3,5,5',6-Hexachlorobiphenyl (BZ-151)
9166	2,2',3,5',6-Pentachlorobiphenyl (BZ-95)
8945	2,2',3,5'-Tetrachlorobiphenyl (BZ-44)
9569	2,2',4,4',5,5'-Hexabromodiphenyl ether (BDE-153)
9040	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153)
9850	2,2',4,4',5',6-Hexabromodiphenyl ether (BDE-154)
9571	2,2',4,4',5-Pentabromodiphenyl ether (BDE-99)
9175	2,2',4,4',5-Pentachlorobiphenyl (BZ-99)
9572	2,2',4,4',6-Pentabromodiphenyl ether (BDE-100)
9773	2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)
8980	2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)
8950	2,2',4,5'-Tetrachlorobiphenyl (BZ-49)
9716	2,2',4-Tribromodiphenyl ether (BDE-17)
8955	2,2',5,5'-Tetrachlorobiphenyl (BZ-52)
8930	2,2',5-Trichlorobiphenyl (BZ-18)
9050	2,3,3',4,4',5-Hexachlorobiphenyl (BZ-156)
9193	2,3,3',4,4',6-Hexachlorobiphenyl (BZ-158)
8985	2,3,3',4,4'-Pentachlorobiphenyl (BZ-105)
9819	2',3,3',4,5-Pentabromodiphenyl ether (BDE-122)
8990	2,3,3',4',6-Pentachlorobiphenyl (BZ-110)
9207	2,3,3',4'-Tetrachlorobiphenyl (BZ-56)
9820	2',3,4,4',5-Pentabromodiphenyl ether (BDE-123)



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#### Non-Potable Water

EPA 8082A	8995	2,3',4,4',5-Pentachlorobiphenyl (BZ-118)
	9758	2,3,4,4'-Tetrabromodiphenyl ether (BDE-60)
	9764	2,3',4,4'-Tetrabromodiphenyl ether (BDE-66)
	9221	2,3,4,4'-Tetrachlorobiphenyl (BZ-60)
	8960	2,3',4,4'-Tetrachlorobiphenyl (BZ-66)
	9821	2',3,4,5,5'-Pentabromodiphenyl ether (BDE-124)
	9822	2',3,4,5,6'-Pentabromodiphenyl ether (BDE-125)
	9775	2',3,4,5-Tetrabromodiphenyl ether (BDE-76)
	9230	2,3',4',5-Tetrachlorobiphenyl (BZ-70)
	9760	2,3,4,6-Tetrabromodiphenyl ether (BDE-62)
	9769	2,3',4',6-Tetrabromodiphenyl ether (BDE-71)
	9732	2',3,4-Tribromodiphenyl ether (BDE-33)
	9239	2,3',4'-Trichlorobiphenyl (BZ-33)
	9733	2',3,5-Tribromodiphenyl ether (BDE-34)
	9250	2,4,4',5-Tetrachlorobiphenyl (BZ-74)
	9727	2,4,4'-Tribromodiphenyl ether (BDE-28)
	9252	2,4,4'-Trichlorobiphenyl (BZ-28)
	8940	2,4',5-Trichlorobiphenyl (BZ-31)
	9256	2,4'-Dichlorobiphenyl (BZ-8)
	8880	Aroclor-1016 (PCB-1016)
	8885	Aroclor-1221 (PCB-1221)
	8890	Aroclor-1232 (PCB-1232)
	8895	Aroclor-1242 (PCB-1242)
	8900	Aroclor-1248 (PCB-1248)
	8905	Aroclor-1254 (PCB-1254)
	8910	Aroclor-1260 (PCB-1260)
	8912	Aroclor-1262 (PCB-1262)
	8913	Aroclor-1268 (PCB-1268)

EPA 8260C

10307003

Volatile Organics: GC/MS (capillary column)

5195	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)
4670	1,1-Dichloropropene
5150	1,2,3-Trichlorobenzene
4660	1,3-Dichloropropane
4665	2,2-Dichloropropane
4410	2-Butanone (Methyl ethyl ketone, MEK)
4500	2-Chloroethyl vinyl ether



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#### Non-Potable Water

EPA 8260C	4535	2-Chlorotoluene
	4540	4-Chlorotoluene
	4910	4-Isopropyltoluene (p-Cymene)
	4325	Acrolein (Propenal)
	4340	Acrylonitrile
	4375	Benzene
	4385	Bromobenzene
	4390	Bromochloromethane
	4397	Bromoethane (Ethyl Bromide)
	4450	Carbon disulfide
	4560	Cyclohexanone
	4625	Dichlorodifluoromethane (Freon-12)
	4725	Diethyl ether
	9375	Di-isopropylether (DIPE)
	4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)
	4870	Iodomethane (Methyl iodide)
	4900	Isopropylbenzene (Cumene)
	4435	n-Butylbenzene
	5090	n-Propylbenzene
	4440	sec-Butylbenzene
	4370	T-amylmethylether (TAME)
	4420	tert-Butyl alcohol
	4445	tert-Butylbenzene
	4605	trans-1,4-Dichloro-2-butene
	5225	Vinyl acetate

EPA 8260C  
SIM

10307105

Volatile Organic Compounds by  
GC/MS-SIM

4340 Acrylonitrile

EPA 8260D

10307127

Volatile Organic Compounds By GC/MS

5105	1,1,1,2-Tetrachloroethane
5160	1,1,1-Trichloroethane
5110	1,1,2,2-Tetrachloroethane
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)
5165	1,1,2-Trichloroethane
4630	1,1-Dichloroethane
4640	1,1-Dichloroethylene
4670	1,1-Dichloropropene
5150	1,2,3-Trichlorobenzene
5180	1,2,3-Trichloropropane
5155	1,2,4-Trichlorobenzene
5210	1,2,4-Trimethylbenzene
4570	1,2-Dibromo-3-chloropropane (DBCP)



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#### Non-Potable Water

EPA 8260D

- |      |  |
|------|--|
| 4585 | 1,2-Dibromoethane (EDB, Ethylene dibromide)          |
| 4610 | 1,2-Dichlorobenzene                                  |
| 4635 | 1,2-Dichloroethane (Ethylene dichloride)             |
| 4655 | 1,2-Dichloropropane                                  |
| 5215 | 1,3,5-Trimethylbenzene                               |
| 4615 | 1,3-Dichlorobenzene                                  |
| 4660 | 1,3-Dichloropropane                                  |
| 4620 | 1,4-Dichlorobenzene                                  |
| 4665 | 2,2-Dichloropropane                                  |
| 4410 | 2-Butanone (Methyl ethyl ketone, MEK)                |
| 4500 | 2-Chloroethyl vinyl ether                            |
| 4535 | 2-Chlorotoluene                                      |
| 4860 | 2-Hexanone (MBK)                                     |
| 4540 | 4-Chlorotoluene                                      |
| 4910 | 4-Isopropyltoluene (p-Cymene)                        |
| 4995 | 4-Methyl-2-pentanone (MIBK)                          |
| 4315 | Acetone  |
| 4325 | Acrolein (Propenal)                                  |
| 4340 | Acrylonitrile  |
| 4375 | Benzene  |
| 4385 | Bromobenzene   |
| 4390 | Bromochloromethane                                   |
| 4395 | Bromodichloromethane                                 |
| 4400 | Bromoform  |
| 4450 | Carbon disulfide                                     |
| 4455 | Carbon tetrachloride                                 |
| 4475 | Chlorobenzene  |
| 4575 | Chlorodibromomethane                                 |
| 4485 | Chloroethane (Ethyl chloride)                        |
| 4505 | Chloroform   |
| 4645 | cis-1,2-Dichloroethylene                             |
| 4680 | cis-1,3-Dichloropropene                              |
| 4560 | Cyclohexanone  |
| 4595 | Dibromomethane (Methylene bromide)                   |
| 4625 | Dichlorodifluoromethane (Freon-12)                   |
| 4725 | Diethyl ether  |
| 9375 | Di-isopropylether (DIPE)                             |
| 4765 | Ethylbenzene   |
| 4770 | Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane) |
| 9408 | Gasoline range organics (GRO)                        |
| 4835 | Hexachlorobutadiene                                  |
| 4870 | Iodomethane (Methyl iodide)                          |





# OREGON

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EPA 8260D	4900	Isopropylbenzene (Cumene)	
	5240	m+p-xylene	
	4950	Methyl bromide (Bromomethane)	
	4960	Methyl chloride (Chloromethane)	
	5000	Methyl tert-butyl ether (MTBE)	
	4975	Methylene chloride (Dichloromethane)	
	5005	Naphthalene	
	4435	n-Butylbenzene	
	5090	n-Propylbenzene	
	5250	o-Xylene	
	4440	sec-Butylbenzene	
	5100	Styrene	
	4370	T-amylmethylether (TAME)	
	4420	tert-Butyl alcohol	
	4445	tert-Butylbenzene	
	5115	Tetrachloroethylene (Perchloroethylene)	
	5140	Toluene	
	4700	trans-1,2-Dichloroethylene	
	4685	trans-1,3-Dichloropropylene	
	4605	trans-1,4-Dichloro-2-butene	
	5170	Trichloroethene (Trichloroethylene)	
	5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	
	5225	Vinyl acetate	
	5235	Vinyl chloride	
EPA 8260D SIM			10307138 Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry Selected Ion Monitoring (GC/MS SIM)
	5105	1,1,1,2-Tetrachloroethane	
	4640	1,1-Dichloroethylene	
	4635	1,2-Dichloroethane (Ethylene dichloride)	
	4375	Benzene	
	4645	cis-1,2-Dichloroethylene	
	5115	Tetrachloroethylene (Perchloroethylene)	
	4700	trans-1,2-Dichloroethylene	
	5170	Trichloroethene (Trichloroethylene)	
	5235	Vinyl chloride	
EPA 8270D			10186002 Semivolatile Organic compounds by GC/MS
	6715	1,2,4,5-Tetrachlorobenzene	
	4735	1,4-Dioxane (1,4- Diethyleneoxide)	
	6380	1-Methylnaphthalene	
	6460	2-Nitroaniline	
	5945	3,3'-Dichlorobenzidine	
	6465	3-Nitroaniline	



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Certificate: WA100006 - 013

Analytical Resources Inc.

4611 S. 134th Place, Suite 100

Tukwila, WA 98168-3240

Issue Date: 6/24/2020 Expiration Date: 5/12/2021

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#### Non-Potable Water

EPA 8270D

5745	4-Chloroaniline
4910	4-Isopropyltoluene (p-Cymene)
6470	4-Nitroaniline
5510	Acetophenone
7005	Alachlor
6700	alpha-Terpineol
5545	Aniline
7075	Azinphos-methyl (Guthion)
5562	Azobenzene
5595	Benzidine
5605	Benzo(e)pyrene
5610	Benzoic acid
5630	Benzyl alcohol
5640	Biphenyl
7125	Bolstar (Sulprofos)
5671	Butyl diphenyl Phosphate
5673	Butylated Hydroxy Toluene (BHT)
5680	Carbazole
7255	Chlorfenvinphos
7300	Chlorpyrifos
7315	Coumaphos
7330	Crotoxyphos
7385	Demeton-s
7410	Diazinon
5912	Dibutyl phenyl Phosphahate
7465	Dicrotophos
7475	Dimethoate
8625	Disulfoton
7550	EPN
7565	Ethion
7570	Ethoprop
7600	Fensulfothion
7605	Fenthion
7770	Malathion
7785	Merphos
7825	Methyl parathion (Parathion, methyl)
7850	Mevinphos
7880	Monocrotophos
7905	Naled
7955	Parathion, ethyl
7985	Phorate
5095	Pyridine
6683	Retene





# OREGON

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EPA 8270D

8110	Ronnel
8155	Sulfotepp
8200	Tetrachlorvinphos (Stirophos, Gardona) Z-isomer
8245	Tokuthion (Prothiophos)
8262	Tributyl phosphate
8275	Trichloronate
8282	Triphenyl phosphate

EPA 8270D  
SIM

10242509

Semivolatile Organic compounds by  
GC/MS Selective Ion Monitoring

6380	1-Methylnaphthalene
5605	Benzo(e)pyrene
9309	Benzo(j)fluoranthene
5640	Biphenyl
1201	Butyltin trichloride
5680	Carbazole
5913	Dibutyltin
1202	Dibutyltin dichloride
1206	Monobutyltin
6608	Perylene
1209	Tetrabutyltin
1213	Tributyltin
1203	Tributyltin chloride

EPA 8270E

10242543

Semivolatile Organic compounds by  
GC/MS

6715	1,2,4,5-Tetrachlorobenzene
5155	1,2,4-Trichlorobenzene
4610	1,2-Dichlorobenzene
4615	1,3-Dichlorobenzene
4620	1,4-Dichlorobenzene
4735	1,4-Dioxane (1,4- Diethyleneoxide)
6380	1-Methylnaphthalene
4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether
6835	2,4,5-Trichlorophenol
6840	2,4,6-Trichlorophenol
6000	2,4-Dichlorophenol
6130	2,4-Dimethylphenol
6175	2,4-Dinitrophenol
6185	2,4-Dinitrotoluene (2,4-DNT)
6190	2,6-Dinitrotoluene (2,6-DNT)
5795	2-Chloronaphthalene
5800	2-Chlorophenol
6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)



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EPA 8270E

6385	2-Methylnaphthalene
6400	2-Methylphenol (o-Cresol)
6460	2-Nitroaniline
6490	2-Nitrophenol
5945	3,3'-Dichlorobenzidine
6465	3-Nitroaniline
5660	4-Bromophenyl phenyl ether (BDE-3)
5700	4-Chloro-3-methylphenol
5745	4-Chloroaniline
5825	4-Chlorophenyl phenylether
4910	4-Isopropyltoluene (p-Cymene)
6410	4-Methylphenol (p-Cresol)
6470	4-Nitroaniline
6500	4-Nitrophenol
5500	Acenaphthene
5505	Acenaphthylene
5510	Acetophenone
7005	Alachlor
6700	alpha-Terpineol
5545	Aniline
5555	Anthracene
7075	Azinphos-methyl (Guthion)
5562	Azobenzene
5595	Benzidine
5575	Benzo(a)anthracene
5580	Benzo(a)pyrene
5605	Benzo(e)pyrene
5590	Benzo(g,h,i)perylene
5600	Benzo(k)fluoranthene
5585	Benzo[b]fluoranthene
5610	Benzoic acid
5630	Benzyl alcohol
5640	Biphenyl
5760	bis(2-Chloroethoxy)methane
5765	bis(2-Chloroethyl) ether
7125	Bolstar (Sulprofos)
5670	Butyl benzyl phthalate
5671	Butyl diphenyl Phosphate
5673	Butylated Hydroxy Toluene (BHT)
5680	Carbazole
7255	Chlorfenvinphos
7300	Chlorpyrifos
5855	Chrysene



# OREGON

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EPA 8270E

7315	Coumaphos
7330	Crotoxypfos
7385	Demeton-s
6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
7410	Diazinon
5895	Dibenz(a,h) anthracene
5905	Dibenzofuran
5912	Dibutyl phenyl Phosphatate
7465	Dicrotophos
6070	Diethyl phthalate
7475	Dimethoate
6135	Dimethyl phthalate
5925	Di-n-butyl phthalate
6200	Di-n-octyl phthalate
8625	Disulfoton
7550	EPN
7565	Ethion
7570	Ethoprop
7600	Fensulfothion
7605	Fenthion
6265	Fluoranthene
6270	Fluorene
6275	Hexachlorobenzene
4835	Hexachlorobutadiene
6285	Hexachlorocyclopentadiene
4840	Hexachloroethane
6315	Indeno(1,2,3-cd) pyrene
6320	Isophorone
7770	Malathion
7785	Merphos
7825	Methyl parathion (Parathion, methyl)
7850	Mevinphos
7880	Monocrotophos
7905	Naled
5005	Naphthalene
5015	Nitrobenzene
6530	n-Nitrosodimethylamine
6545	n-Nitrosodi-n-propylamine
6535	n-Nitrosodiphenylamine
7955	Parathion, ethyl
6605	Pentachlorophenol
6615	Phenanthrene
6625	Phenol



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#### Non-Potable Water

EPA 8270E

7985 Phorate  
6665 Pyrene  
5095 Pyridine  
6683 Retene  
8110 Ronnel  
8155 Sulfotep  
8200 Tetrachlorvinphos (Stirophos, Gardona)  
Z-isomer  
8245 Tokuthion (Prothiophos)  
8262 Tributyl phosphate  
8275 Trichloronate  
8282 Triphenyl phosphate

EPA 8270E SIM

10242565

Semivolatile Organic compounds by  
Gas Chromatography/Mass  
Spectrometry (GC/MS-SIM)

6380 1-Methylnaphthalene  
6385 2-Methylnaphthalene  
5500 Acenaphthene  
5505 Acenaphthylene  
5555 Anthracene  
5575 Benzo(a)anthracene  
5580 Benzo(a)pyrene  
5605 Benzo(e)pyrene  
5590 Benzo(g,h,i)perylene  
9309 Benzo(j)fluoranthene  
5600 Benzo(k)fluoranthene  
5585 Benzo[b]fluoranthene  
5640 Biphenyl  
5680 Carbazole  
5855 Chrysene  
5895 Dibenz(a,h)anthracene  
5905 Dibenzofuran  
5913 Dibutyltin  
6265 Fluoranthene  
6270 Fluorene  
6315 Indeno(1,2,3-cd)pyrene  
1206 Monobutyltin  
5005 Naphthalene  
6608 Perylene  
6615 Phenanthrene  
6665 Pyrene  
1209 Tetraethyltin  
1213 Tributyltin





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#### Non-Potable Water

EPA 8290A

10187403

Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS

- 9516 1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)
- 9519 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)
- 9420 1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)
- 9426 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)
- 9423 1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)
- 9471 1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)
- 9453 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)
- 9474 1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)
- 9456 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)
- 9477 1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)
- 9459 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)
- 9543 1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)
- 9540 1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)
- 9480 2,3,4,6,7,8-Hexachlorodibenzofuran
- 9549 2,3,4,7,8-Pentachlorodibenzofuran
- 9618 2,3,7,8-Tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD)
- 9612 2,3,7,8-Tetrachlorodibenzofuran
- 9438 Hpcdd, total
- 9444 Hpcdf, total
- 9468 Hxcdd, total
- 9483 Hxcdf, total
- 9555 Pecdd, total
- 9552 Pecdf, total
- 9609 TCDD, total
- 9615 TCDF, total

EPA 9010C

10243002

Total and Amenable Cyanide by Distillation and UV-Vis

- 1510 Amenable cyanide
- 1645 Total cyanide



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### Non-Potable Water

EPA 9014		10193803	Titrimetric and Manual Spectrophotometric Determinative Methods for Cyanide
	1510	Amenable cyanide	
	1635	Cyanide	
	1645	Total cyanide	
EPA 9030B		10195605	Acid-Soluble and Acid-Insoluble sulfides: Distillation
	2005	Sulfide	
EPA 9034		10196006	Titrimetric Procedure for Acid-Soluble and Acid-Insoluble Sulfides
	2005	Sulfide	
EPA 9036		10196404	Sulfate (Colorimetric, Automated, Methylthymol Blue, AA II)
	2000	Sulfate	
EPA 9040C		10244403	pH Electrometric Measurement
	1900	pH	
EPA 9050A		10198808	Specific Conductance
	1610	Conductivity	
EPA 9056A		10199607	Determination of Inorganic Anions by Ion Chromatography
	1540	Bromide	
	1575	Chloride	
	1730	Fluoride	
	1810	Nitrate as N	
	1840	Nitrite as N	
	1870	Orthophosphate as P	
	2000	Sulfate	
EPA 9060A		10244801	Total Organic Carbon
	2040	Total organic carbon	
EPA 9065		10200405	Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)
	1905	Total phenolics	
EPA 9214		10206403	Potentiometric Determination of Fluoride in Aqueous Samples with Ion-Selective Electrode
	1730	Fluoride	
EPA 9251		10207406	Chloride (Colorimetric, Automated Ferricyanide AAII)
	1575	Chloride	
EPA RSK-175 (GC-FID)		10212905	Methane, Ethane, and Ethene in water by Headspace GC/FID
	4323	Acetylene	
	4747	Ethane	
	4752	Ethene	
	4926	Methane	



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#### Non-Potable Water

EPA RSK-175 (	5029	n-Propane		
NWTPH-Dx			90018409	Oregon DEQ TPH Diesel Range
	9369	Diesel range organics (DRO)		
	9488	Jet Fuel		
	9499	Motor Oil		
	2050	Total Petroleum Hydrocarbons (TPH)		
NWTPH-GX (GC/MS)			90018658	Oregon DEQ TPH Gasoline Range Organics by GC/MS Purge & Trap
	9408	Gasoline range organics (GRO)		
NWTPH-HCID			90013200	Oregon DEQ Total Petroleum Hydrocarbon ID
	2050	Total Petroleum Hydrocarbons (TPH)		
Puget Sound Estuary Program (PSEP): Conventional Sediment Variables			60006408	PSEP: Organotins, TOC, and Sulfide
	1201	Butyltin trichloride		
	5913	Dibutyltin		
	1202	Dibutyltin dichloride		
	1206	Monobutyltin		
	1209	Tetrabutyltin		
	1213	Tributyltin		
	1203	Tributyltin chloride		
SM 2120 B-2011			20039310	Color
	1605	Color		
SM 2130 B-2011			20048220	Turbidity by Nephelometric Method
	2055	Turbidity		
SM 2320 B-2011 online			20045618	Alkalinity as CaCO <sub>3</sub>
	1505	Alkalinity as CaCO <sub>3</sub>		
SM 2340 B-2011 online			20046611	Hardness
	1750	Hardness		
SM 2510 B-2011			20048617	Conductivity by Probe
	1610	Conductivity		
SM 2520 B-2011			20040088	Salinity by Electrical Conductivity Method
	1975	Salinity		
SM 2540 B-2011 2011			20049416	Total Solids Dried at 103 - 105C
	1950	Residue-total		
SM 2540 C-2011 online			20050413	Residue-filterable (TDS)
	1955	Residue-filterable (TDS)		
SM 2540 D-2011			20051212	Total Suspended Solids Dried at 103 - 105 C
	1960	Residue-nonfilterable (TSS)		



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### Non-Potable Water

SM 2540 E-2011 2011	20051596	Fixed & Volatile Solids Ignited at 550 C
1725 Total, fixed, and volatile residue		
SM 2540 F-2011	20052215	Settleable Solids
1965 Residue-settleable		
SM 2540 G-2011 online	20005270	Total, Fixed, and Volatile Solids
1725 Total, fixed, and volatile residue		
SM 2580 B-2011	20054062	Oxidation-Reduction Potential Measurement in Clean Water
1871 O-R Potential		
SM 3500-Cr B-2011	20066266	Chromium by Colorimetric Method
1040 Chromium		
SM 3500-Fe B-2011	20069016	Iron by Phenanthroline Method
1070 Iron		
SM 4110 B-2011	20076919	Anions by Ion Chromatography with Chemical Suppression of Eluent
1540 Bromide		
1575 Chloride		
1730 Fluoride		
1810 Nitrate as N		
1820 Nitrate plus Nitrite as N		
1840 Nitrite as N		
1870 Orthophosphate as P		
2000 Sulfate		
SM 4500-Cl <sup>-</sup> E-97 online	20086800	Chloride by Automated Ferricyanide Method
1575 Chloride		
SM 4500-CN E-2011 2011	20096428	Cyanide by Colormetric Method
1645 Total cyanide		
SM 4500-CN <sup>-</sup> C-2011	20065663	Cyanide (Total) After Distillation
1645 Total cyanide		
SM 4500-CN <sup>-</sup> G-2011	20097227	Cyanides Amenable to Chlorination after Distillation
1510 Amenable cyanide		
SM 4500-CN <sup>-</sup> I-2011	20098026	Weak Acid Dissociable Cyanide
2074 Weak Acid Dissociable Cyanide		
SM 4500-F <sup>-</sup> C-2011 online	20102414	Fluoride by Ion Selective Electrode
1730 Fluoride		
SM 4500-H <sup>+</sup> B-2011	20105220	pH - Electrometric Measurement
1900 pH		



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SM 4500-NH3 D-2011 online	20109415	Ammonia Nitrogen by Selective Ion Probe
1515 Ammonia as N		
SM 4500-NH3 H-2011 online	20112214	Ammonia Nitrogen by Flow Injection Analysis
1515 Ammonia as N		
SM 4500-NO3 <sup>-</sup> I-2011	20118574	Nitrate by Cadmium Reduction Flow Injection
1810 Nitrate as N		
1840 Nitrite as N		
1825 Total nitrate+nitrite		
SM 4500-Norg D-2011	20120289	Organic Nitrogen by Block Digestion and Flow Injection Analysis
1795 Total Kjeldahl Nitrogen (TKN)		
SM 4500-O C- 2001	20120836	Dissolved Oxygen by Azide Modification
1880 Oxygen, dissolved		
SM 4500-P B4- 2011 online	20123415	Phosphorus Digestion with Sulfuric Acid - Nitric Acid
1910 Phosphorus, total		
SM 4500-P B5- 2011	20123368	Phosphorus by Persulfate Digestion Method
1910 Phosphorus, total		
SM 4500-P E- 2011	20124225	Phosphorus by Ascorbic Acid Method
1870 Orthophosphate as P		
1910 Phosphorus, total		
SM 4500-S2 F- 2011	20126663	Sulfide by Iodometric Method
2005 Sulfide		
SM 4500-S2 <sup>-</sup> D-2011 online	20125864	Sulfide by Methylene Blue Method
2005 Sulfide		
SM 4500-SO3 <sup>-</sup> B-2011	20130636	Sulfite by Iodometric Method
2015 Sulfite-SO3		
SM 4500-SO4 G-2011	20134412	Sulfate - Methylthymol Blue Flow Injection Analysis
2000 Sulfate		
SM 5210 B- 2011 online	20135266	Biochemical Oxygen Demand (5 days @ 20 C).
1530 Biochemical oxygen demand		
1555 Carbonaceous BOD, CBOD		
SM 5220 D- 2011 2011	20136816	Chemical Oxygen Demand by Closed Reflux and Colorimetric Determination
1565 Chemical oxygen demand		
SM 5310 B- 2011 2011	20137820	TOC by High-Temperature Combustion Method
1710 Dissolved organic carbon (DOC)		
2040 Total organic carbon		





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#### Non-Potable Water

SM 5520 B-2011	20141666	Oil and Grease by Partition-Gravimetric Method
1803 n-Hexane Extractable Material (O&G)		
SM 5520 D-2005 SM 5520 D-2005	20142409	Oil and Grease by Soxhlet Extraction Method
1860 Oil & Grease		
SM 5520 F-2011	20143413	Oil and Grease Hydrocarbons
1803 n-Hexane Extractable Material (O&G)		
1860 Oil & Grease		
SM 5520 G-2011	20143617	Oil and Grease by Solid-Phase, Partition-Gravimetric Method
1803 n-Hexane Extractable Material (O&G)		
1860 Oil & Grease		
SM 5530 D 22nd ED	20143720	Phenols by Direct Photometric Method
1905 Total phenolics		
WA EPH	60015001	Extractable Petroleum Hydrocarbons
6220 1,2-Diphenylhydrazine		
6211 EPH Aliphatic >C10-C12		
6212 EPH Aliphatic >C12-C16		
6214 EPH Aliphatic >C16-C21		
6216 EPH Aliphatic >C21-C34		
6222 EPH Aliphatic C9-C18		
6224 EPH Aromatic >C10-C12		
6226 EPH Aromatic >C12-C16		
6228 EPH Aromatic >C16-C21		
6236 EPH Aromatic C8-C10		
WA VPH	60015056	Volatile Petroleum Hydrocarbons (VPH) by GC/PID Purge & Trap
5300 VPH Aliphatic >C10-C12		
5301 VPH Aliphatic >C6-C8		
5302 VPH Aliphatic >C8-C10		
5303 VPH Aliphatic C5-C6		
5308 VPH Aromatic >C10-C12		
5309 VPH Aromatic >C12-C13		
5310 VPH Aromatic >C8-C10		

#### Solids

AK101 GRO-MS AK101 GRO-MS	90015159	Determination of Gasoline Range Organics by GC/MS - Alaska Department of Environmental Conservation
9408 Gasoline range organics (GRO)		
AK102 DRO AK102 DRO	90015206	Determination of Diesel Range Organics - Alaska Department of Environmental Conservation
9369 Diesel range organics (DRO)		





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#### Solids

AK103 RRO	90015400	Determination of Residual Range Organics - Alaska Department of Environmental Conservation
9499 Motor Oil		
EPA 1311	10118806	Toxicity Characteristic Leaching Procedure
9822 Extraction/Preparation		
EPA 1312	10119003	Synthetic Precipitation Leaching Procedure
9822 Extraction/Preparation		
EPA 1613B	10120602	Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS
9516	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	
9519	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	
9420	1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)	
9426	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)	
9423	1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)	
9471	1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)	
9453	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)	
9474	1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)	
9456	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)	
9477	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)	
9459	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)	
9543	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)	
9540	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)	
9480	2,3,4,6,7,8-Hexachlorodibenzofuran	
9549	2,3,4,7,8-Pentachlorodibenzofuran	
9618	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)	
9612	2,3,7,8-Tetrachlorodibenzofuran	
9438	Hpcdd, total	
9444	Hpcdf, total	
9468	Hxcdd, total	
9483	Hxcdf, total	
9555	Pecdd, total	
9552	Pecdf, total	



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Tukwila, WA 98168-3240

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#### Solids

EPA 1613B

9609

TCDD, total

9615

TCDF, total

EPA 200.7 5

10014003

ICP - metals

1000 Aluminum  
1005 Antimony  
1010 Arsenic  
1015 Barium  
1020 Beryllium  
1025 Boron  
1030 Cadmium  
1035 Calcium  
1040 Chromium  
1050 Cobalt  
1055 Copper  
1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese  
1100 Molybdenum  
1105 Nickel  
1125 Potassium  
1140 Selenium  
1145 Silicon  
1150 Silver  
1155 Sodium  
1160 Strontium  
1165 Thallium  
1175 Tin  
1180 Titanium  
1185 Vanadium  
1190 Zinc

EPA 200.8 5.5

10014809

Metals by ICP-MS

1000 Aluminum  
1005 Antimony  
1010 Arsenic  
1015 Barium  
1020 Beryllium  
1030 Cadmium  
1035 Calcium  
1040 Chromium  
1050 Cobalt  
1055 Copper  
1070 Iron



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<b>Solids</b>	EPA 200.8 5.5	1075	Lead		
		1085	Magnesium		
		1090	Manganese		
		1100	Molybdenum		
		1105	Nickel		
		1125	Potassium		
		1140	Selenium		
		1150	Silver		
		1155	Sodium		
		1165	Thallium		
		1185	Vanadium		
		1190	Zinc		
	EPA 245.5			10037602	Mercury in Sediment by Cold Vapor Atomic Absorption
		1095	Mercury		
	EPA 300.0 2.1			10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
		1540	Bromide		
		1575	Chloride		
		1730	Fluoride		
		1810	Nitrate as N		
		1840	Nitrite as N		
		1870	Orthophosphate as P		
		2000	Sulfate		
	EPA 3050B			10135601	Acid Digestion of Sediments, Sludges, and soils
		9822	Extraction/Preparation		
	EPA 3060A			10136604	Alkaline Digestion for Hexavalent Chromium
		9822	Extraction/Preparation		
	EPA 351.2 2			10065404	Total Kjeldahl Nitrogen - Block Digest, Phenate
		1790	Kjeldahl nitrogen		
		1795	Total Kjeldahl Nitrogen (TKN)		
	EPA 353.2 2			10067604	Nitrate/Nitrite Nitrogen - Automated, Cadmium
		1810	Nitrate as N		
		1820	Nitrate plus Nitrite as N		
		1840	Nitrite as N		
	EPA 3540C			10140202	Soxhlet Extraction
		9822	Extraction/Preparation		
	EPA 3546			10141205	Microwave Extraction
		8031	Extraction/Preparation		



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Solids	EPA 3550C		10142004	Ultrasonic Extraction
	9822	Extraction/Preparation		
	EPA 3580A		10143007	Waste Dilution
	9822	Extraction/Preparation		
	EPA 3611B		10145207	Alumina Column Cleanup and separation of petroleum wastes
	8031	Extraction/Preparation		
	EPA 3620C		10146006	Florisil Cleanup
	8031	Extraction/Preparation		
	EPA 3630C		10146802	Silica gel cleanup
	8031	Extraction/Preparation		
	EPA 3640A		10147203	Gel Preparation Cleanup
	9822	Extraction/Preparation		
	EPA 3650B		10147805	Acid base partition cleanup
	8031	Extraction/Preparation		
	EPA 3660B		10148400	Sulfur cleanup
	9822	Extraction/Preparation		
	EPA 3665A		10148808	Sulfuric Acid / permanganate Cleanup
	9822	Extraction/Preparation		
	EPA 420.1		10079400	Phenolics - Spectrophotometric, manual.
	1905	Total phenolics		
	EPA 5000		10152600	Sample Preparation for Volatile Organics
	9822	Extraction/Preparation		
	EPA 5035		10154004	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples
	9822	Extraction/Preparation		
	EPA 6010C		10155905	Inductively Coupled Plasma - Atomic Emission Spectrometry
	EPA 6010C			
	1000	Aluminum		
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		
	1020	Beryllium		
	1025	Boron		
	1030	Cadmium		
	1035	Calcium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		



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#### Solids

EPA 6010C  
EPA 6010C

1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese  
1100 Molybdenum  
1105 Nickel  
1125 Potassium  
1140 Selenium  
1145 Silicon  
1150 Silver  
1155 Sodium  
1160 Strontium  
1165 Thallium  
1175 Tin  
1180 Titanium  
1185 Vanadium  
1190 Zinc

EPA 6010D 4

10155916

Metals by ICP - AES

1000 Aluminum  
1005 Antimony  
1010 Arsenic  
1015 Barium  
1020 Beryllium  
1025 Boron  
1030 Cadmium  
1035 Calcium  
1040 Chromium  
1050 Cobalt  
1055 Copper  
1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese  
1100 Molybdenum  
1105 Nickel  
1125 Potassium  
1140 Selenium  
1145 Silicon  
1150 Silver  
1155 Sodium  
1160 Strontium  
1165 Thallium  
1175 Tin



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#### Solids

EPA 6010D 4

1180 Titanium  
1185 Vanadium  
1190 Zinc

EPA 6020A 1

10156419

Inductively Coupled Plasma -Mass Spectrometry

1000 Aluminum  
1005 Antimony  
1010 Arsenic  
1015 Barium  
1020 Beryllium  
1030 Cadmium  
1035 Calcium  
1040 Chromium  
1050 Cobalt  
1055 Copper  
1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese  
1100 Molybdenum  
1105 Nickel  
1125 Potassium  
1140 Selenium  
1150 Silver  
1155 Sodium  
1165 Thallium  
1185 Vanadium  
1190 Zinc

EPA 6020B 2

10156420

Inductively Coupled Plasma-Mass Spectrometry

1000 Aluminum  
1005 Antimony  
1010 Arsenic  
1015 Barium  
1020 Beryllium  
1030 Cadmium  
1035 Calcium  
1040 Chromium  
1050 Cobalt  
1055 Copper  
1070 Iron  
1075 Lead  
1085 Magnesium  
1090 Manganese





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Solids	EPA 6020B 2	1100	Molybdenum		
		1105	Nickel		
		1125	Potassium		
		1140	Selenium		
		1150	Silver		
		1155	Sodium		
		1165	Thallium		
		1185	Vanadium		
		1190	Zinc		
	EPA 7196A			10162400	Chromium Hexavalent colorimetric
		1045	Chromium VI		
	EPA 7471B			10166402	Mercury by Cold Vapor Atomic Absorption
		1095	Mercury		
	EPA 8015C			10173805	Non-halogenated organics using GC/FID
		9369	Diesel range organics (DRO)		
		9408	Gasoline range organics (GRO)		
	EPA 8041A			10176804	Phenols by Gas Chromatography
		6730	2,3,4,5-Tetrachlorophenol		
		6735	2,3,4,6-Tetrachlorophenol		
		6740	2,3,5,6-Tetrachlorophenol		
		6830	2,3,6-Trichlorophenol (4C)		
		6835	2,4,5-Trichlorophenol		
		6605	Pentachlorophenol		
	EPA 8081B			10178800	Organochlorine Pesticides by GC/ECD
		8580	2,4'-DDD		
		8585	2,4'-DDE		
		8590	2,4'-DDT		
		7355	4,4'-DDD		
		7360	4,4'-DDE		
		7365	4,4'-DDT		
		7025	Aldrin		
		7110	alpha-BHC (alpha-Hexachlorocyclohexane)		
		7115	beta-BHC (beta-Hexachlorocyclohexane)		
		7250	Chlordane (tech.)		
		7240	cis-chlordane (alpha-Chlordane)		
		7925	cis-Nonachlor		
		7105	delta-BHC		
		7470	Dieldrin		
		7510	Endosulfan I		



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#### Solids

EPA 8081B

- 7515 Endosulfan II
- 7520 Endosulfan sulfate
- 7540 Endrin
- 7530 Endrin aldehyde
- 7535 Endrin ketone
- 7120 gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)
- 7245 gamma-Chlordane
- 7685 Heptachlor
- 7690 Heptachlor epoxide
- 6275 Hexachlorobenzene
- 4835 Hexachlorobutadiene
- 7810 Methoxychlor
- 7870 Mirex
- 3890 Oxychlordane
- 8250 Toxaphene (Chlorinated camphene)
- 7910 trans-Nonachlor

EPA 8082A

10179201

Polychlorinated Biphenyls (PCBs) by GC/ECD

- 9902 2,2',3,3',4,4',5,5',6-Nonabromodiphenyl ether (BDE-206)
- 9890 2,2',3,3',4,4',5,5',6-Octabromodiphenyl ether (BDE-194)
- 9090 2,2',3,3',4,4',5,5',6-Octachlorobiphenyl (BZ-194)
- 9903 2,2',3,3',4,4',5,6,6'-Nonabromodiphenyl ether (BDE-207)
- 9891 2,2',3,3',4,4',5,6,6'-Octabromodiphenyl ether (BDE-195)
- 9892 2,2',3,3',4,4',5,6,6'-Octabromodiphenyl ether (BDE-196)
- 9103 2,2',3,3',4,4',5,6-Octachlorobiphenyl (BZ-195)
- 9866 2,2',3,3',4,4',5-Heptabromodiphenyl ether (BDE-170)
- 9065 2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ-170)
- 9020 2,2',3,3',4,4',5-Hexachlorobiphenyl (BZ-128)
- 9112 2,2',3,3',4,5,6,6'-Octachlorobiphenyl (BZ-201)
- 9873 2,2',3,3',4,5,6-Heptabromodiphenyl ether (BDE-177)
- 9116 2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-174)
- 9114 2,2',3,3',4,5,6'-Heptachlorobiphenyl (BZ-177)
- 9120 2,2',3,3',4,6'-Hexachlorobiphenyl (BZ-132)



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Solids	EPA 8082A		
		9133	2,2',3,4,4',5,5',6-Octachlorobiphenyl (BZ-203)
		9134	2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ-180)
		9878	2,2',3,4,4',5,6'-Heptabromodiphenyl ether (BDE-182)
		9075	2,2',3,4,4',5,6'-Heptachlorobiphenyl (BZ-183)
		9835	2,2',3,4,4',5'-Hexabromodiphenyl ether (BDE-138)
		9025	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)
		9784	2,2',3,4,4'-Pentabromodiphenyl ether (BDE-85)
		9080	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)
		9030	2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-141)
		9151	2,2',3,4',5,6'-Hexachlorobiphenyl (BZ-149)
		9796	2,2',3',4,5-Pentabromodiphenyl ether (BDE-97)
		8975	2,2',3,4,5'-Pentachlorobiphenyl (BZ-87)
		9154	2,2',3,4',5'-Pentachlorobiphenyl (BZ-97)
		9797	2,2',3',4,6-Pentabromodiphenyl ether (BDE-98)
		9035	2,2',3,5,5',6-Hexachlorobiphenyl (BZ-151)
		9166	2,2',3,5',6-Pentachlorobiphenyl (BZ-95)
		8945	2,2',3,5'-Tetrachlorobiphenyl (BZ-44)
		9569	2,2',4,4',5,5'-Hexabromodiphenyl ether (BDE-153)
		9040	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153)
		9850	2,2',4,4',5,6'-Hexabromodiphenyl ether (BDE-154)
		9571	2,2',4,4',5-Pentabromodiphenyl ether (BDE-99)
		9175	2,2',4,4',5-Pentachlorobiphenyl (BZ-99)
		9572	2,2',4,4',6-Pentabromodiphenyl ether (BDE-100)
		9773	2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)
		8980	2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)
		8950	2,2',4,5'-Tetrachlorobiphenyl (BZ-49)
		9716	2,2',4-Tribromodiphenyl ether (BDE-17)
		8955	2,2',5,5'-Tetrachlorobiphenyl (BZ-52)
		8930	2,2',5-Trichlorobiphenyl (BZ-18)



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Solids	EPA 8082A		
	9050	2,3,3',4,4',5-Hexachlorobiphenyl (BZ-156)	
	9193	2,3,3',4,4',6-Hexachlorobiphenyl (BZ-158)	
	8985	2,3,3',4,4'-Pentachlorobiphenyl (BZ-105)	
	9819	2',3,3',4,5-Pentabromodiphenyl ether (BDE-122)	
	8990	2,3,3',4',6-Pentachlorobiphenyl (BZ-110)	
	9207	2,3,3',4'-Tetrachlorobiphenyl (BZ-56)	
	9820	2',3,4,4',5-Pentabromodiphenyl ether (BDE-123)	
	8995	2,3',4,4',5-Pentachlorobiphenyl (BZ-118)	
	9758	2,3,4,4'-Tetrabromodiphenyl ether (BDE-60)	
	9764	2,3',4,4'-Tetrabromodiphenyl ether (BDE-66)	
	9221	2,3,4,4'-Tetrachlorobiphenyl (BZ-60)	
	8960	2,3',4,4'-Tetrachlorobiphenyl (BZ-66)	
	9821	2',3,4,5,5'-Pentabromodiphenyl ether (BDE-124)	
	9822	2',3,4,5,6'-Pentabromodiphenyl ether (BDE-125)	
	9775	2',3,4,5-Tetrabromodiphenyl ether (BDE-76)	
	9230	2,3',4',5-Tetrachlorobiphenyl (BZ-70)	
	9760	2,3,4,6-Tetrabromodiphenyl ether (BDE-62)	
	9769	2,3',4',6-Tetrabromodiphenyl ether (BDE-71)	
	9732	2',3,4-Tribromodiphenyl ether (BDE-33)	
	9239	2,3',4'-Trichlorobiphenyl (BZ-33)	
	9733	2',3,5-Tribromodiphenyl ether (BDE-34)	
	9250	2,4,4',5-Tetrachlorobiphenyl (BZ-74)	
	9727	2,4,4'-Tribromodiphenyl ether (BDE-28)	
	9252	2,4,4'-Trichlorobiphenyl (BZ-28)	
	8940	2,4',5-Trichlorobiphenyl (BZ-31)	
	9256	2,4'-Dichlorobiphenyl (BZ-8)	
	8880	Aroclor-1016 (PCB-1016)	
	8885	Aroclor-1221 (PCB-1221)	
	8890	Aroclor-1232 (PCB-1232)	
	8895	Aroclor-1242 (PCB-1242)	
	8900	Aroclor-1248 (PCB-1248)	
	8905	Aroclor-1254 (PCB-1254)	
	8910	Aroclor-1260 (PCB-1260)	
	8912	Aroclor-1262 (PCB-1262)	



# OREGON

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Solids	EPA 8082A	8913	Aroclor-1268 (PCB-1268)		
	EPA 8260C			10307003	Volatile Organics: GC/MS (capillary column)
	5105	1,1,1,2-Tetrachloroethane			
	5160	1,1,1-Trichloroethane			
	5110	1,1,2,2-Tetrachloroethane			
	5195	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)			
	5165	1,1,2-Trichloroethane			
	4630	1,1-Dichloroethane			
	4640	1,1-Dichloroethylene			
	4670	1,1-Dichloropropene			
	5150	1,2,3-Trichlorobenzene			
	5180	1,2,3-Trichloropropane			
	5155	1,2,4-Trichlorobenzene			
	5210	1,2,4-Trimethylbenzene			
	4585	1,2-Dibromoethane (EDB, Ethylene dibromide)			
	4610	1,2-Dichlorobenzene			
	4635	1,2-Dichloroethane (Ethylene dichloride)			
	4655	1,2-Dichloropropane			
	5215	1,3,5-Trimethylbenzene			
	4615	1,3-Dichlorobenzene			
	4660	1,3-Dichloropropane			
	4620	1,4-Dichlorobenzene			
	4665	2,2-Dichloropropane			
	4410	2-Butanone (Methyl ethyl ketone, MEK)			
	4500	2-Chloroethyl vinyl ether			
	4535	2-Chlorotoluene			
	4860	2-Hexanone (MBK)			
	4540	4-Chlorotoluene			
	4910	4-Isopropyltoluene (p-Cymene)			
	4995	4-Methyl-2-pentanone (MIBK)			
	4325	Acrolein (Propenal)			
	4340	Acrylonitrile			
	4375	Benzene			
	4385	Bromobenzene			
	4390	Bromochloromethane			
	4395	Bromodichloromethane			
	4397	Bromoethane (Ethyl Bromide)			
	4400	Bromoform			
	4450	Carbon disulfide			
	4455	Carbon tetrachloride			
	4475	Chlorobenzene			



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Tukwila, WA 98168-3240

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#### Solids

EPA 8260C

4575 Chlorodibromomethane  
4485 Chloroethane (Ethyl chloride)  
4505 Chloroform  
4645 cis-1,2-Dichloroethylene  
4680 cis-1,3-Dichloropropene  
4595 Dibromomethane (Methylene bromide)  
4625 Dichlorodifluoromethane (Freon-12)  
9375 Di-isopropylether (DIPE)  
4765 Ethylbenzene  
4770 Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)  
9408 Gasoline range organics (GRO)  
4835 Hexachlorobutadiene  
4870 Iodomethane (Methyl iodide)  
4900 Isopropylbenzene (Cumene)  
5240 m+p-xylene  
4950 Methyl bromide (Bromomethane)  
4960 Methyl chloride (Chloromethane)  
5000 Methyl tert-butyl ether (MTBE)  
4975 Methylene chloride (Dichloromethane)  
5005 Naphthalene  
4435 n-Butylbenzene  
5090 n-Propylbenzene  
5250 o-Xylene  
4440 sec-Butylbenzene  
5100 Styrene  
4370 T-amylmethylether (TAME)  
4420 tert-Butyl alcohol  
4445 tert-Butylbenzene  
5115 Tetrachloroethylene (Perchloroethylene)  
5140 Toluene  
4700 trans-1,2-Dichloroethylene  
4685 trans-1,3-Dichloropropylene  
4605 trans-1,4-Dichloro-2-butene  
5170 Trichloroethene (Trichloroethylene)  
5175 Trichlorofluoromethane  
(Fluorotrichloromethane, Freon 11)  
5225 Vinyl acetate  
5235 Vinyl chloride

EPA 8260D

10307127

Volatile Organic Compounds By GC/MS

5105 1,1,1,2-Tetrachloroethane  
5160 1,1,1-Trichloroethane  
5110 1,1,2,2-Tetrachloroethane





# OREGON

## Environmental Laboratory Accreditation Program

### ORELAP Fields of Accreditation

ORELAP ID: WA100006

EPA CODE: WA00037

Certificate: WA100006 - 013



Analytical Resources Inc.

4611 S. 134th Place, Suite 100

Tukwila, WA 98168-3240

Issue Date: 6/24/2020 Expiration Date: 5/12/2021

As of 6/24/2020 this list supersedes all previous lists for this certificate number.

<b>Solids</b>	EPA 8260D	5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)
		5165	1,1,2-Trichloroethane
		4630	1,1-Dichloroethane
		4640	1,1-Dichloroethylene
		4670	1,1-Dichloropropene
		5150	1,2,3-Trichlorobenzene
		5180	1,2,3-Trichloropropane
		5155	1,2,4-Trichlorobenzene
		5210	1,2,4-Trimethylbenzene
		4570	1,2-Dibromo-3-chloropropane (DBCP)
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)
		4610	1,2-Dichlorobenzene
		4635	1,2-Dichloroethane (Ethylene dichloride)
		4655	1,2-Dichloropropane
		5215	1,3,5-Trimethylbenzene
		4615	1,3-Dichlorobenzene
		4660	1,3-Dichloropropane
		4620	1,4-Dichlorobenzene
		4665	2,2-Dichloropropane
		4410	2-Butanone (Methyl ethyl ketone, MEK)
		4500	2-Chloroethyl vinyl ether
		4535	2-Chlorotoluene
		4860	2-Hexanone (MBK)
		4540	4-Chlorotoluene
		4910	4-Isopropyltoluene (p-Cymene)
		4995	4-Methyl-2-pentanone (MIBK)
		4325	Acrolein (Propenal)
		4340	Acrylonitrile
		4375	Benzene
		4385	Bromobenzene
		4390	Bromochloromethane
		4395	Bromodichloromethane
		4400	Bromoform
		4450	Carbon disulfide
		4455	Carbon tetrachloride
		4475	Chlorobenzene
		4575	Chlorodibromomethane
		4485	Chloroethane (Ethyl chloride)
		4505	Chloroform
		4645	cis-1,2-Dichloroethylene
		4680	cis-1,3-Dichloropropene
		4595	Dibromomethane (Methylene bromide)



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#### Solids

EPA 8260D

4625 Dichlorodifluoromethane (Freon-12)  
9375 Di-isopropylether (DIPE)  
4765 Ethylbenzene  
4770 Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)  
9408 Gasoline range organics (GRO)  
4835 Hexachlorobutadiene  
4870 Iodomethane (Methyl iodide)  
4900 Isopropylbenzene (Cumene)  
5240 m+p-xylene  
4950 Methyl bromide (Bromomethane)  
4960 Methyl chloride (Chloromethane)  
5000 Methyl tert-butyl ether (MTBE)  
4975 Methylene chloride (Dichloromethane)  
5005 Naphthalene  
4435 n-Butylbenzene  
5090 n-Propylbenzene  
5250 o-Xylene  
4440 sec-Butylbenzene  
5100 Styrene  
4370 T-amylmethylether (TAME)  
4420 tert-Butyl alcohol  
4445 tert-Butylbenzene  
5115 Tetrachloroethylene (Perchloroethylene)  
5140 Toluene  
4700 trans-1,2-Dichloroethylene  
4685 trans-1,3-Dichloropropylene  
4605 trans-1,4-Dichloro-2-butene  
5170 Trichloroethene (Trichloroethylene)  
5175 Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)  
5225 Vinyl acetate  
5235 Vinyl chloride

EPA 8270D

10186002

Semivolatile Organic compounds by GC/MS

5155 1,2,4-Trichlorobenzene  
4610 1,2-Dichlorobenzene  
4615 1,3-Dichlorobenzene  
4620 1,4-Dichlorobenzene  
4735 1,4-Dioxane (1,4- Diethyleneoxide)  
6380 1-Methylnaphthalene  
4659 2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether  
6835 2,4,5-Trichlorophenol  
6840 2,4,6-Trichlorophenol



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#### Solids

EPA 8270D

6000 2,4-Dichlorophenol  
6130 2,4-Dimethylphenol  
6175 2,4-Dinitrophenol  
6185 2,4-Dinitrotoluene (2,4-DNT)  
6190 2,6-Dinitrotoluene (2,6-DNT)  
5795 2-Chloronaphthalene  
5800 2-Chlorophenol  
6360 2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)  
6385 2-Methylnaphthalene  
6400 2-Methylphenol (o-Cresol)  
6460 2-Nitroaniline  
6490 2-Nitrophenol  
5945 3,3'-Dichlorobenzidine  
6465 3-Nitroaniline  
5660 4-Bromophenyl phenyl ether (BDE-3)  
5700 4-Chloro-3-methylphenol  
5745 4-Chloroaniline  
5825 4-Chlorophenyl phenylether  
4910 4-Isopropyltoluene (p-Cymene)  
6410 4-Methylphenol (p-Cresol)  
6470 4-Nitroaniline  
6500 4-Nitrophenol  
5500 Acenaphthene  
5505 Acenaphthylene  
5510 Acetophenone  
7005 Alachlor  
6700 alpha-Terpineol  
5545 Aniline  
5555 Anthracene  
7075 Azinphos-methyl (Guthion)  
5562 Azobenzene  
5595 Benzidine  
5575 Benzo(a)anthracene  
5580 Benzo(a)pyrene  
5605 Benzo(e)pyrene  
5590 Benzo(g,h,i)perylene  
5600 Benzo(k)fluoranthene  
5585 Benzo[b]fluoranthene  
5610 Benzoic acid  
5630 Benzyl alcohol  
5640 Biphenyl  
5760 bis(2-Chloroethoxy)methane  
5765 bis(2-Chloroethyl) ether



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#### Solids

EPA 8270D

7125 Bolstar (Sulprofos)  
5670 Butyl benzyl phthalate  
5671 Butyl diphenyl Phosphate  
5673 Butylated Hydroxy Toluene (BHT)  
5680 Carbazole  
7255 Chlorfenvinphos  
7300 Chlorpyrifos  
5855 Chrysene  
7315 Coumaphos  
7330 Crotoxyphos  
7385 Demeton-s  
6065 Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)  
7410 Diazinon  
5895 Dibenz(a,h) anthracene  
5905 Dibenzofuran  
5912 Dibutyl phenyl Phosphatate  
7465 Dicrotophos  
6070 Diethyl phthalate  
7475 Dimethoate  
6135 Dimethyl phthalate  
5925 Di-n-butyl phthalate  
6200 Di-n-octyl phthalate  
8625 Disulfoton  
7550 EPN  
7565 Ethion  
7570 Ethoprop  
7600 Fensulfothion  
7605 Fenthion  
6265 Fluoranthene  
6270 Fluorene  
6275 Hexachlorobenzene  
4835 Hexachlorobutadiene  
6285 Hexachlorocyclopentadiene  
4840 Hexachloroethane  
6315 Indeno(1,2,3-cd) pyrene  
6320 Isophorone  
7770 Malathion  
7785 Merphos  
7825 Methyl parathion (Parathion, methyl)  
7850 Mevinphos  
7880 Monocrotophos  
7905 Naled  
5005 Naphthalene



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#### Solids

EPA 8270D

5015 Nitrobenzene  
6530 n-Nitrosodimethylamine  
6545 n-Nitrosodi-n-propylamine  
6535 n-Nitrosodiphenylamine  
7955 Parathion, ethyl  
6605 Pentachlorophenol  
6615 Phenanthrene  
6625 Phenol  
7985 Phorate  
6665 Pyrene  
5095 Pyridine  
6683 Retene  
8110 Ronnel  
8155 Sulfotepp  
8200 Tetrachlorvinphos (Stirophos, Gardona)  
Z-isomer  
8245 Tokuthion (Prothiophos)  
8262 Tributyl phosphate  
8275 Trichloronate  
8282 Triphenyl phosphate

EPA 8270D  
SIM

10242509

Semivolatile Organic compounds by  
GC/MS Selective Ion Monitoring

6380 1-Methylnaphthalene  
6385 2-Methylnaphthalene  
5500 Acenaphthene  
5505 Acenaphthylene  
5555 Anthracene  
5575 Benzo(a)anthracene  
5580 Benzo(a)pyrene  
5605 Benzo(e)pyrene  
5590 Benzo(g,h,i)perylene  
9309 Benzo(j)fluoranthene  
5600 Benzo(k)fluoranthene  
5585 Benzo[b]fluoranthene  
5640 Biphenyl  
1201 Butyltin trichloride  
5680 Carbazole  
5855 Chrysene  
5895 Dibenz(a,h)anthracene  
5913 Dibutyltin  
1202 Dibutyltin dichloride  
6265 Fluoranthene  
6270 Fluorene  
6315 Indeno(1,2,3-cd)pyrene



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Solids	EPA 8270D SIM	1206	Monobutyltin
		5005	Naphthalene
		6608	Perylene
		6615	Phenanthrene
		6665	Pyrene
		1209	Tetrabutyltin
		1213	Tributyltin
		1203	Tributyltin chloride
EPA 8270E		10242543	Semivolatile Organic compounds by GC/MS
		5155	1,2,4-Trichlorobenzene
		4610	1,2-Dichlorobenzene
		4615	1,3-Dichlorobenzene
		4620	1,4-Dichlorobenzene
		4735	1,4-Dioxane (1,4- Diethyleneoxide)
		6380	1-Methylnaphthalene
		4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether
		6835	2,4,5-Trichlorophenol
		6840	2,4,6-Trichlorophenol
		6000	2,4-Dichlorophenol
		6130	2,4-Dimethylphenol
		6175	2,4-Dinitrophenol
		6185	2,4-Dinitrotoluene (2,4-DNT)
		6190	2,6-Dinitrotoluene (2,6-DNT)
		5795	2-Chloronaphthalene
		5800	2-Chlorophenol
		6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)
		6385	2-Methylnaphthalene
		6400	2-Methylphenol (o-Cresol)
		6460	2-Nitroaniline
		6490	2-Nitrophenol
		5945	3,3'-Dichlorobenzidine
		6465	3-Nitroaniline
		5660	4-Bromophenyl phenyl ether (BDE-3)
		5700	4-Chloro-3-methylphenol
		5745	4-Chloroaniline
		5825	4-Chlorophenyl phenylether
		4910	4-Isopropyltoluene (p-Cymene)
		6410	4-Methylphenol (p-Cresol)
		6470	4-Nitroaniline
		6500	4-Nitrophenol
		5500	Acenaphthene





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#### Solids

EPA 8270E

5505	Acenaphthylene
5510	Acetophenone
7005	Alachlor
6700	alpha-Terpineol
5545	Aniline
5555	Anthracene
7075	Azinphos-methyl (Guthion)
5562	Azobenzene
5595	Benzidine
5575	Benzo(a)anthracene
5580	Benzo(a)pyrene
5605	Benzo(e)pyrene
5590	Benzo(g,h,i)perylene
5600	Benzo(k)fluoranthene
5585	Benzo[b]fluoranthene
5610	Benzoic acid
5630	Benzyl alcohol
5640	Biphenyl
5760	bis(2-Chloroethoxy)methane
5765	bis(2-Chloroethyl) ether
7125	Bolstar (Sulprofos)
5670	Butyl benzyl phthalate
5671	Butyl diphenyl Phosphate
5673	Butylated Hydroxy Toluene (BHT)
5680	Carbazole
7255	Chlorfenvinphos
7300	Chlorpyrifos
5855	Chrysene
7315	Coumaphos
7330	Crotoxphos
7385	Demeton-s
6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)
7410	Diazinon
5895	Dibenz(a,h) anthracene
5905	Dibenzofuran
5912	Dibutyl phenyl Phosphatate
7465	Dicrotophos
6070	Diethyl phthalate
7475	Dimethoate
6135	Dimethyl phthalate
5925	Di-n-butyl phthalate
6200	Di-n-octyl phthalate
8625	Disulfoton



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#### Solids

EPA 8270E

7550 EPN  
7565 Ethion  
7570 Ethoprop  
7600 Fensulfothion  
7605 Fenthion  
6265 Fluoranthene  
6270 Fluorene  
6275 Hexachlorobenzene  
4835 Hexachlorobutadiene  
6285 Hexachlorocyclopentadiene  
4840 Hexachloroethane  
6315 Indeno(1,2,3-cd) pyrene  
6320 Isophorone  
7770 Malathion  
7785 Merphos  
7825 Methyl parathion (Parathion, methyl)  
7850 Mevinphos  
7880 Monocrotophos  
7905 Naled  
5005 Naphthalene  
5015 Nitrobenzene  
6530 n-Nitrosodimethylamine  
6545 n-Nitrosodi-n-propylamine  
6535 n-Nitrosodiphenylamine  
7955 Parathion, ethyl  
6605 Pentachlorophenol  
6615 Phenanthrene  
6625 Phenol  
7985 Phorate  
6665 Pyrene  
5095 Pyridine  
6683 Retene  
8110 Ronnel  
8155 Sulfotepp  
8200 Tetrachlorvinphos (Stirophos, Gardona)  
Z-isomer  
8245 Tokuthion (Prothiophos)  
8262 Tributyl phosphate  
8275 Trichloronate  
8282 Triphenyl phosphate

EPA 8270E SIM

10242565

Semivolatile Organic compounds by  
Gas Chromatography/Mass  
Spectrometry (GC/MS-SIM)

6380 1-Methylnaphthalene



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#### Solids

EPA 8270E SIM

6385 2-Methylnaphthalene  
5500 Acenaphthene  
5505 Acenaphthylene  
5555 Anthracene  
5575 Benzo(a)anthracene  
5580 Benzo(a)pyrene  
5605 Benzo(e)pyrene  
5590 Benzo(g,h,i)perylene  
9309 Benzo(j)fluoranthene  
5600 Benzo(k)fluoranthene  
5585 Benzo[b]fluoranthene  
5640 Biphenyl  
5680 Carbazole  
5855 Chrysene  
5895 Dibenz(a,h)anthracene  
5905 Dibenzofuran  
5913 Dibutyltin  
6265 Fluoranthene  
6270 Fluorene  
6315 Indeno(1,2,3-cd)pyrene  
1206 Monobutyltin  
5005 Naphthalene  
6608 Perylene  
6615 Phenanthrene  
6665 Pyrene  
1209 Tetrabutyltin  
1213 Tributyltin

EPA 8290A

10187403

Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS

9516 1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)  
9519 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)  
9420 1,2,3,4,6,7,8-Heptachlorodibenzofuran (1,2,3,4,6,7,8-hpcdf)  
9426 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (1,2,3,4,6,7,8-hpcdd)  
9423 1,2,3,4,7,8,9-Heptachlorodibenzofuran (1,2,3,4,7,8,9-hpcdf)  
9471 1,2,3,4,7,8-Hexachlorodibenzofuran (1,2,3,4,7,8-Hxcdf)  
9453 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,4,7,8-Hxcdd)  
9474 1,2,3,6,7,8-Hexachlorodibenzofuran (1,2,3,6,7,8-Hxcdf)



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Solids	EPA 8290A	9456	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (1,2,3,6,7,8-Hxcdd)			
		9477	1,2,3,7,8,9-Hexachlorodibenzofuran (1,2,3,7,8,9-Hxcdf)			
		9459	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (1,2,3,7,8,9-Hxcdd)			
		9543	1,2,3,7,8-Pentachlorodibenzofuran (1,2,3,7,8-Pecdf)			
		9540	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (1,2,3,7,8-Pecdd)			
		9480	2,3,4,6,7,8-Hexachlorodibenzofuran			
		9549	2,3,4,7,8-Pentachlorodibenzofuran			
		9618	2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD)			
		9612	2,3,7,8-Tetrachlorodibenzofuran			
		9438	Hpcdd, total			
		9444	Hpcdf, total			
		9468	Hxcdd, total			
		9483	Hxcdf, total			
		9555	Pecdd, total			
		9552	Pecdf, total			
		9609	TCDD, total			
		9615	TCDF, total			
	EPA 9010C				10243002	Total and Amenable Cyanide by Distillation and UV-Vis
	1510 Amenable cyanide					
	1645 Total cyanide					
EPA 9013				10193609	Cyanide Extraction Procedure for Solids and Oils	
8031 Extraction/Preparation						
EPA 9014				10193803	Titrimetric and Manual Spectrophotometric Determinative Methods for Cyanide	
1510 Amenable cyanide						
1635 Cyanide						
1645 Total cyanide						
EPA 9030B				10195605	Acid-Soluble and Acid-Insoluble sulfides: Distillation	
2005 Sulfide						
EPA 9034				10196006	Titrimetric Procedure for Acid-Soluble and Acid-Insoluble Sulfides	
2005 Sulfide						
EPA 9045D				10244607	Soil and Waste pH	
1900 pH						
EPA 9056A				10199607	Determination of Inorganic Anions by Ion Chromatography	
1540 Bromide						



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Solids	EPA 9056A	1575	Chloride		
		1730	Fluoride		
		1810	Nitrate as N		
		1840	Nitrite as N		
		1870	Orthophosphate as P		
		2000	Sulfate		
	EPA 9065			10200405	Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)
		1905	Total phenolics		
	EPA 9071B			10201602	Oil and Grease Extraction Method for sludge and sediment samples
		1860	Oil & Grease		
	EPA 9080			10203200	Cation-Exchange Capacity of Soils (Ammonium Acetate)
		1560	Cation exchange capacity		
	EPA 9214			10206403	Potentiometric Determination of Fluoride in Aqueous Samples with Ion-Selective Electrode
		1730	Fluoride		
	NWTPH-Dx			90018409	Oregon DEQ TPH Diesel Range
		9369	Diesel range organics (DRO)		
		9488	Jet Fuel		
		9499	Motor Oil		
		2050	Total Petroleum Hydrocarbons (TPH)		
	NWTPH-GX (GC/MS)			90018658	Oregon DEQ TPH Gasoline Range Organics by GC/MS Purge & Trap
		9408	Gasoline range organics (GRO)		
	NWTPH-HCID			90013200	Oregon DEQ Total Petroleum Hydrocarbon ID
		2050	Total Petroleum Hydrocarbons (TPH)		
	PLUMB 1981			60006259	Extraction/Preparation
		8031	Extraction/Preparation		
	Puget Sound Estuary Program (PSEP): Conventional Sediment Variables			60006408	PSEP: Organotins, TOC, and Sulfide
		1201	Butyltin trichloride		
		5913	Dibutyltin		
		1202	Dibutyltin dichloride		
		1206	Monobutyltin		
		2005	Sulfide		
		1209	Tetrabutyltin		
		2040	Total organic carbon		
		1213	Tributyltin		
		1203	Tributyltin chloride		
	SM 2510 B-2011			20048617	Conductivity by Probe
		1610	Conductivity		



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Solids	SM 2540 B-2011 2011	20049416	Total Solids Dried at 103 - 105C
	1950 Residue-total		
	SM 2540 E-2011 2011	20051596	Fixed & Volatile Solids Ignited at 550 C
	1725 Total, fixed, and volatile residue		
	SM 2540 G-2011 online	20005270	Total, Fixed, and Volatile Solids
	1725 Total, fixed, and volatile residue		
	SM 2580 B-2011	20054062	Oxidation-Reduction Potential Measurement in Clean Water
	1871 O-R Potential		
	SM 3500-Cr B-2011	20066266	Chromium by Colorimetric Method
	1040 Chromium		
	SM 3500-Fe B-2011	20069016	Iron by Phenanthroline Method
	1070 Iron		
	SM 4110 B-2011	20076919	Anions by Ion Chromatography with Chemical Suppression of Eluent
	1540 Bromide		
	1575 Chloride		
	1730 Fluoride		
	1810 Nitrate as N		
	1820 Nitrate plus Nitrite as N		
	1840 Nitrite as N		
	1870 Orthophosphate as P		
	2000 Sulfate		
	SM 4500-CN E-2011 2011	20096428	Cyanide by Colormetric Method
	1645 Total cyanide		
	SM 4500-CN <sup>-</sup> C-2011	20065663	Cyanide (Total) After Distillation
	1645 Total cyanide		
	SM 4500-CN <sup>-</sup> I-2011	20098026	Weak Acid Dissociable Cyanide
	2074 Weak Acid Dissociable Cyanide		
	SM 4500-F <sup>-</sup> C-2011 online	20102414	Fluoride by Ion Selective Electrode
	1730 Fluoride		
	SM 4500-H <sup>+</sup> B-2011	20105220	pH - Electrometric Measurement
	1900 pH		
	SM 4500-NH <sub>3</sub> D-2011 online	20109415	Ammonia Nitrogen by Selective Ion Probe
	1515 Ammonia as N		
	SM 4500-NH <sub>3</sub> H-2011 online	20112214	Ammonia Nitrogen by Flow Injection Analysis
	1515 Ammonia as N		





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Solids	SM 4500-NO <sub>3</sub> <sup>-</sup> I-2011		20118574	Nitrate by Cadmium Reduction Flow Injection
		1810 Nitrate as N		
		1840 Nitrite as N		
		1825 Total nitrate+nitrite		
	SM 4500-Norg D-2011		20120289	Organic Nitrogen by Block Digestion and Flow Injection Analysis
		1795 Total Kjeldahl Nitrogen (TKN)		
	SM 4500-P B5- 2011		20123368	Phosphorus by Persulfate Digestion Method
		1910 Phosphorus, total		
	SM 4500-P E- 2011		20124225	Phosphorus by Ascorbic Acid Method
		1870 Orthophosphate as P		
		1910 Phosphorus, total		
	SM 4500-S2 F- 2011		20126663	Sulfide by Iodometric Method
		2005 Sulfide		
	SM 4500-S2 <sup>-</sup> D-2011 online		20125864	Sulfide by Methylene Blue Method
		2005 Sulfide		
	SM 4500-SO <sub>3</sub> <sup>-</sup> B-2011		20130636	Sulfite by Iodometric Method
		2015 Sulfite-SO <sub>3</sub>		
	SM 4500-SO <sub>4</sub> G-2011		20134412	Sulfate - Methylthymol Blue Flow Injection Analysis
		2000 Sulfate		
	SM 5310 B- 2011 2011		20137820	TOC by High-Temperature Combustion Method
		2040 Total organic carbon		
	SM 5520 B- 2011		20141666	Oil and Grease by Partition-Gravimetric Method
		1803 n-Hexane Extractable Material (O&G)		
	SM 5520 D- 2005 SM 5520 D-2005		20142409	Oil and Grease by Soxhlet Extraction Method
		1860 Oil & Grease		
	SM 5520 E-05 online		20142807	Oil and Grease by Extraction Method for Sludge Samples
		1860 Oil & Grease		
	SM 5520 F- 2011		20143413	Oil and Grease Hydrocarbons
		1803 n-Hexane Extractable Material (O&G)		
		1860 Oil & Grease		
	SM 5520 G- 2011		20143617	Oil and Grease by Solid-Phase, Partition-Gravimetric Method
		1803 n-Hexane Extractable Material (O&G)		
		1860 Oil & Grease		
	SM 5530 D- 2005		20143764	Phenols by Direct Photometric Method
		1905 Total phenolics		



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#### Solids

WA EPH

60015001

Extractable Petroleum Hydrocarbons

6220 1,2-Diphenylhydrazine  
6211 EPH Aliphatic >C10-C12  
6212 EPH Aliphatic >C12-C16  
6214 EPH Aliphatic >C16-C21  
6216 EPH Aliphatic >C21-C34  
6222 EPH Aliphatic C9-C18  
6224 EPH Aromatic >C10-C12  
6226 EPH Aromatic >C12-C16  
6228 EPH Aromatic >C16-C21  
6236 EPH Aromatic C8-C10

WA VPH

60015056

Volatile Petroleum Hydrocarbons (VPH)  
by GC/PID Purge & Trap

5300 VPH Aliphatic >C10-C12  
5301 VPH Aliphatic >C6-C8  
5302 VPH Aliphatic >C8-C10  
5303 VPH Aliphatic C5-C6  
5308 VPH Aromatic >C10-C12  
5309 VPH Aromatic >C12-C13  
5310 VPH Aromatic >C8-C10