

Southwest Indianapolis Air Toxics Study Monitoring Information  
Pollutant Detection Rates and Lifetime Cancer Risk Estimates



Pollutant	CAS #	Harding Street			Stout Field		
		Detection Rate percentage	Exposure Concentration (µg/m <sup>3</sup> )*	Lifetime Cancer Risk Estimate (per million)	Detection Rate percentage	Exposure Concentration (µg/m <sup>3</sup> )*	Lifetime Cancer Risk Estimate (per million)
Acetaldehyde	75-07-0	87.00%	0.67	1.5	86.80%	0.7	1.5
Arsenic	N/A	91.30%	0.0011	4.8	89.10%	0.0012	5.3
Benzene	71-43-2	100.00%	1.3	10	95.50%	1.9	15
Beryllium	N/A	97.40%	0.000008	0.02	97.50%	0.000009	0.02
1,3-Butadiene	106-99-0	22.90%	0.11	3.2	25.20%	0.12	3.5
Cadmium	N/A	92.20%	0.0003	0.5	84.90%	0.0003	0.5
Carbon Tetrachloride	56-23-5	35.60%	0.28	4.2	38.70%	0.28	4.2
Chloroform	67-66-3	24.60%	0.1	2.4	9.90%	0.063	1.5
p-Dichlorobenzene	106-46-7	45.80%	0.34	3.8	60.40%	0.72	8
Dichloromethane	75-09-2	73.70%	0.52	0.2	56.80%	0.22	0.1
1,4-Dioxane	123-91-1	13.60%	0.25	1.9	15.30%	0.13	1
Ethylbenzene	100-41-4	74.60%	0.4	1	70.30%	0.48	1.2
Formaldehyde	50-00-0	93.50%	3.5	0.02	89.30%	2.4	0.01
Lead	N/A	91.30%	0.006	0.07	96.60%	0.009	0.1
Nickel	N/A	87.00%	0.001	0.2	88.20%	0.002	0.4
Tetrachloroethene (PCE)	127-18-4	41.50%	0.33	1.9	37.80%	0.27	1.6
Trichloroethene (TCE)	79-01-6	8.50%	0.12	0.2	18.00%	0.13	0.3
Chromium VI	1854-02-99	77.00%	0.000041	0.5	N/A	N/A	N/A

\* micrograms per cubic meter

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