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Volatile Organics - Method 8260A µg/L

	CAS No.	OG-01	OG-03	PL-01	PL-02	PL-03	GL-02	Central Tendency	High End
1,2-Dichloroethane	107062	82	J 2.4	6	11	< 2.5	57	26.78	82
2-Chloro-1,3-butadiene	126998	< 2.5	< 2.5	10	8	16	< 2.5	6.83	16
Acetone	67641	< 10	J 16	120	J 13	85	< 10	42.33	120
Allyl chloride	107051	17	J 2.1	< 2.5	< 2.5	< 2.5	< 2.5	4.85	17
Bromodichloromethane	75274	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	2.50	2.5
Bromoform	75252	J 1.6	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	2.35	2.5
Carbon disulfide	75150	J 2.2	< 2.5	12	J 3.2	< 2.5	< 2.5	4.15	12
Chlorobenzene	108907	< 2.5	< 2.5	10	8.0	7	< 2.5	5.47	10
Chloroethane	75003	< 5	< 5	< 5	16	< 5	< 5	6.83	16
Chloroform	67663	91	63	9	320	24	700	201.1	700
cis-1,2-Dichloroethene	156592	< 2.5	< 2.5	< 2.5	7	< 2.5	< 2.5	3.27	7.1
Dibromochloromethane	124481	J 1.3	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	2.30	2.5
Ethylbenzene	100414	< 2.5	< 2.5	< 2.5	J 2.9	J 2.8	< 2.5	2.62	2.9
Methyl ethyl ketone	78933	< 2.5	< 2.5	35	< 2.5	J 2.9	< 2.5	7.98	35
Methylene chloride	75092	< 5	< 5	J 5.3	< 5	< 5	< 5	5.05	5.3
Styrene	100425	< 2.5	< 2.5	7	< 2.5	6	< 2.5	3.92	7.3
Tetrachloroethene	127184	< 2.5	< 2.5	< 2.5	9	< 2.5	< 2.5	3.55	8.8
trans-1,2-Dichloroethene	156605	< 2.5	< 2.5	< 2.5	J 3.0	< 2.5	< 2.5	2.58	3
Trichloroethene	79016	< 2.5	< 2.5	< 2.5	11	< 2.5	< 2.5	3.92	11

Semivolatile Organics - Method 8270B µg/L

	CAS No.	OG-01	OG-03	PL-01	PL-02	PL-03	GL-02	Central Tendency	High End
4-Aminobiphenyl	92671	< 20	< 20	< 20	< 20	< 20	J 20	20	20
Benzoic acid	65850	20	20	23	140	< 10	< 10	37.17	140
Benzyl alcohol	100516	< 5	< 5	< 5	< 5	13	< 5	6.33	13
Bis(2-chloroethyl)ether	111444	< 5	260	< 5	< 5	59	< 5	56.50	260
Bis(2-chloroisopropyl)ether	39638329	< 5	< 5	24	< 5	< 5	< 5	8.17	24
Diethyl phthalate	84662	< 5	< 5	90	< 5	< 5	< 5	19.17	90
Dimethyl phthalate	131113	< 5	< 5	< 5	J 8.7	< 5	< 5	5.62	8.7
Bis(2-ethylhexyl)phthalate	117817	< 5	< 5	< 5	< 5	J 7.4	< 5	5.40	7.4
Hexachlorobenzene	118741	< 5	< 5	< 5	J 5.0	< 5	< 5	5.00	5
2-Methylphenol	95487	< 5	< 5	14	< 5	< 5	< 5	6.50	14
4-Methylphenol	106445	< 5	< 5	24	< 5	< 5	< 5	8.17	24
Di-n-octyl phthalate	117840	< 5	< 5	< 5	< 5	J 5.7	< 5	5.12	5.7
Pentachlorophenol	87865	30	< 10	60	< 10	< 10	< 10	21.67	60
Phenol	108952	< 5	< 5	< 5	110	160	< 5	48.33	160
2,4,5-Trichlorophenol	95954	20	< 5	< 5	< 5	< 5	< 5	7.50	20
2,4,6-Trichlorophenol	88062	22	< 5	93	< 5	< 5	< 5	22.50	93

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Total Metals - Methods 6010, 7470 mg/L

	CAS No.	OG-01	OG-03	PL-01	PL-02	PL-03	GL-02	Central Tendency	High End
Aluminum	7429905	< 0.1	0.33	11.5	5.68	1.18	44.6	10.57	44.6
Arsenic	7440382	< 0.005	0.01	0.018	< 0.005	< 0.005	0.069	0.02	0.07
Barium	7440393	< 0.1	< 0.1	< 0.10	0.31	< 0.10	< 0.1	0.14	0.31
Beryllium	7440417	< 0.0025	< 0.0025	0.006	< 0.0025	< 0.0025	< 0.0025	0.00	0.01
Calcium	7440702	81.3	10.4	10.7	82.7	40.5	14.4	40.00	82.7
Chromium	7440473	0.03	0.08	0.67	2.86	0.05	0.30	0.67	2.86
Cobalt	7440484	< 0.025	< 0.025	< 0.025	0.06	< 0.025	< 0.025	0.03	0.06
Copper	7440508	0.20	0.10	33.5	16.3	0.08	8.39	9.76	33.5
Iron	7439896	9.2	136	24.3	658	7.23	4.50	139.87	658
Lead	7439921	< 0.0015	0.02	0.010	0.12	0.003	0.006	0.03	0.12
Magnesium	7439954	8.6	< 2.5	10.7	22.9	20.1	2.46	11.21	22.9
Manganese	7439965	0.10	0.55	0.24	3.69	0.52	0.08	0.86	3.69
Mercury	7439976	< 0.00025	< 0.00025	< 0.00025	< 0.00025	0.0008	< 0.00025	0.00034	0.0008
Molybdenum	7439987	< 0.01	< 0.01	< 0.01	0.24	< 0.01	< 0.01	0.05	0.24
Nickel	7440020	0.15	0.07	10.3	40.6	0.09	0.14	8.56	40.6
Potassium	7440097	53.0	27.2	20.2	16.8	6.0	7.2	21.73	53
Sodium	7440235	7210	2860	26400	181	11200	4750	8766.83	26400
Vanadium	7440622	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	0.03	0.03
Zinc	7440666	0.10	0.21	0.66	3.90	0.33	0.21	0.90	3.9

Dioxins/Furans - Method 1613 ng/L

	CAS No.	OG-01	OG-03	PL-01	PL-02	PL-03	GL-02	Central Tendency	High End
1,2,3,4,6,7,8-HpCDD	35822469	0.069	< 0.028	0.310	< 0.50	< 0.024	0.880	Dioxin congener concentrations in Sample PL-01 were used to represent central tendency congener concentrations (non-detects were treated as zero).	Dioxin congener concentrations in Sample GL-02 were used to represent high end congener concentrations (non-detects were treated as zero).
1,2,3,4,6,7,8-HpCDF	67562394	1.90	< 0.028	4.60	7.90	< 0.024	43.0		
1,2,3,4,7,8,9-HpCDF	55673897	0.240	< 0.028	0.830	1.70	< 0.024	12.0		
1,2,3,4,7,8-HxCDD	39227286	< 0.025	< 0.028	< 0.0225	< 0.038	< 0.024	0.052		
1,2,3,6,7,8-HxCDD	57653857	< 0.025	< 0.028	< 0.0225	< 0.046	< 0.024	0.091		
1,2,3,7,8,9-HxCDD	19408743	< 0.025	< 0.028	< 0.0225	< 0.047	< 0.024	0.110		
1,2,3,4,7,8-HxCDF	70648269	< 0.070	< 0.028	0.610	2.10	< 0.024	5.30		
1,2,3,6,7,8-HxCDF	57117449	0.110	< 0.028	0.280	1.10	< 0.024	1.20		
1,2,3,7,8,9-HxCDF	72918219	0.098	< 0.028	0.076	0.370	< 0.024	< 1.2		
2,3,4,6,7,8-HxCDF	60851345	0.100	< 0.028	0.120	0.630	< 0.024	0.430		
2,3,4,7,8-PeCDF	57117314	< 0.025	< 0.028	< 0.0225	0.230	< 0.024	0.210		
2,3,7,8-TCDD	41903575	< 0.005	< 0.007	< 0.0045	< 0.005	< 0.005	0.017		
2,3,7,8-TCDF	51207319	< 0.005	< 0.0165	< 0.0045	0.021	< 0.005	0.082		
OCDD	3268879	0.600	0.19	6.50	4.90	< 0.048	6.90		
OCDF	39001020	4.60	0.75	140	24.0	0.110	6000		
Total HpCDD	37871004	0.069	< 0.028	0.510	0.590	< 0.024	1.30		
Total HpCDF	38998753	3.00	0.85	7.00	9.60	< 0.024	60.0		
Total HxCDD	34465468	< 0.025	< 0.028	< 0.0225	< 0.047	< 0.024	0.510		
Total HxCDF	55684941	1.2	0.44	1.70	9.30	< 0.024	9.30		
Total PeCDF	30402154	0.300	0.15	< 0.0225	2.70	< 0.024	0.440		
Total TCDD	41903575	< 0.005	< 0.007	< 0.0045	< 0.005	< 0.005	0.049		
Total TCDF	55722275	0.049	< 0.0165	< 0.0045	0.970	< 0.005	0.860		

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General Chemistry (mg/L)

	CAS No.	OG-01	OG-03	PL-01	PL-02	PL-03	GL-02	Central Tendency	High End
TDS	NA	18400	6420	NA	NA	NA	NA	12410	18400
TSS	NA	48	280	1440	< 10	< 10	308	349.33	1440
TOC	NA	790	34	1570	85	19	491	498.17	1570
Oil & Grease	NA	NA	NA	< 1	< 1	< 1	< 1	1	1

Note: The central tendency concentration is the average concentration. The high-end concentration is the maximum detected value. However, for dioxins, only samples PL-01 and GL-02 represent central tendency and high-end concentrations, respectively.

< = Non-Detect values are reported as 1/2 the laboratory reporting limit.

J = Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

NA = Not available

NAP = Not applicable (toxicity equivalency factor is zero)