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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG No.: BG091224

Instrument ID: BNA_G Calibration Date/Time: 9/12/2024 12 09:10

Lab File ID: BG062756.D Init. Calib. Date(s):

EPA Sample No.: SSTD020482 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.496	0.559	0.010	12.6513	40.0
Benzaldehyde	0.964	1.160	0.010	20.3066	40.0
Pyridine	1.477	1.468	0.010	-0.6207	40.0
Phenol	1.823	1.758	0.080	-3.5815	20.0
Bis(2-Chloroethyl)ether	1.378	1.279	0.100	-7.1861	20.0
2-Chlorophenol	1.306	1.355	0.200	3.7629	20.0
2-Methylphenol	1.367	1.278	0.010	-6.4945	20.0
2,2-oxybis(1-Chloropropane)	2.481	2.189	0.010	-11.7413	40.0
Acetophenone	2.375	2.221	0.060	-6.4996	20.0
4-Methylphenol	1.538	1.466	0.010	-4.7084	20.0
N-Nitroso-di-n-propylamine	1.243	1.154	0.050	-7.1991	30.0
Hexachloroethane	0.526	0.536	0.100	1.9386	20.0
Nitrobenzene	0.387	0.351	0.050	-9.13	25.0
Isophorone	0.791	0.725	0.050	-8.2873	25.0
2-Nitrophenol	0.172	0.183	0.050	6.2027	25.0
2,4-Dimethylphenol	0.368	0.377	0.050	2.3566	25.0
Bis(2-Chloroethoxy)methane	0.442	0.418	0.050	-5.3759	20.0
2,4-Dichlorophenol	0.335	0.350	0.060	4.4228	20.0
Naphthalene	1.072	1.050	0.200	-2.1007	20.0
4-Chloroaniline	0.465	0.455	0.010	-2.2398	40.0
Hexachlorobutadiene	0.279	0.292	0.040	4.5323	30.0
Caprolactam	0.124	0.113	0.010	-8.5982	40.0
4-Chloro-3-methylphenol	0.366	0.377	0.040	3.1912	25.0
1-Methylnaphthalene	0.811	0.805	0.100	-0.7584	20.0
2-Methylnaphthalene	0.791	0.784	0.100	-0.9776	20.0
Hexachlorocyclopentadiene	0.352	0.326	0.010	-7.3791	40.0
2,4,6-Trichlorophenol	0.416	0.421	0.090	1.014	25.0
2,4,5-Trichlorophenol	0.447	0.465	0.100	3.909	25.0
1,1-Biphenyl	1.406	1.384	0.200	-1.5981	20.0
2-Chloronaphthalene	1.144	1.141	0.300	-0.2615	20.0
2-Nitroaniline	0.314	0.306	0.050	-2.3417	40.0
Dimethylphthalate	1.586	1.481	0.300	-6.6412	20.0
2,6-Dinitrotoluene	0.279	0.282	0.080	1.0278	30.0
Acenaphthylene	1.806	1.757	0.400	-2.7205	20.0
3-Nitroaniline	0.280	0.290	0.010	3.5497	40.0
Acenaphthene	1.279	1.264	0.200	-1.1882	20.0
2,4-Dinitrophenol	0.185	0.157	0.010	-14.6514	40.0
4-Nitrophenol	0.235	0.232	0.010	-1.3126	40.0
Dibenzofuran	1.900	1.870	0.300	-1.6074	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG No.: BG091224

Instrument ID: BNA_G Calibration Date/Time: 9/12/2024 12 09:10

Lab File ID: BG062756.D Init. Calib. Date(s):

EPA Sample No.: SSTD020482 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.437	0.433	0.070	-0.8007	30.0
Diethylphthalate	1.565	1.472	0.300	-5.9371	20.0
Fluorene	1.493	1.492	0.200	-0.0569	20.0
4-Chlorophenyl-phenylether	0.876	0.862	0.100	-1.6139	20.0
4-Nitroaniline	0.301	0.309	0.010	2.7368	40.0
4,6-Dinitro-2-methylphenol	0.119	0.110	0.010	-8.1233	40.0
N-Nitrosodiphenylamine	0.513	0.503	0.050	-1.8805	20.0
1,2,4,5-Tetrachlorobenzene	0.688	0.688	0.100	0.0468	20.0
4-Bromophenyl-phenylether	0.230	0.222	0.070	-3.3525	20.0
Hexachlorobenzene	0.263	0.262	0.050	-0.2638	25.0
Atrazine	0.228	0.231	0.010	0.9094	25.0
Pentachlorophenol	0.157	0.149	0.010	-5.3566	40.0
Phenanthrene	1.040	1.015	0.200	-2.401	20.0
Pentachlorobenzene	0.303	0.286	0.050	-5.466	20.0
Anthracene	1.060	1.039	0.200	-2.0105	20.0
1,2,3,4-Tetrachlorobenzene	0.273	0.265	0.050	-2.873	20.0
Carbazole	0.879	0.911	0.050	3.5744	40.0
Di-n-butylphthalate	1.040	1.046	0.500	0.5505	25.0
Fluoranthene	1.246	1.250	0.400	0.2801	25.0
Pyrene	1.342	1.334	0.400	-0.5743	25.0
Butylbenzylphthalate	0.398	0.426	0.100	6.9524	40.0
3,3-Dichlorobenzidine	0.421	0.483	0.010	14.7421	40.0
Benzo(a)anthracene	1.391	1.382	0.300	-0.6264	30.0
Chrysene	1.320	1.316	0.200	-0.2547	30.0
Bis(2-ethylhexyl)phthalate	0.587	0.621	0.200	5.9427	40.0
Di-n-octyl phthalate	0.930	0.957	0.010	2.8541	40.0
Benzo(b)fluoranthene	1.235	1.234	0.200	-0.0378	25.0
Benzo(k)fluoranthene	1.264	1.216	0.200	-3.8003	25.0
Benzo(a)pyrene	1.165	1.125	0.200	-3.3725	20.0
Indeno(1,2,3-cd)pyrene	1.435	1.439	0.200	0.3094	25.0
Dibenzo(a,h)anthracene	1.153	1.155	0.200	0.2182	30.0
Benzo(g,h,i)perylene	1.108	1.110	0.200	0.1492	30.0
2,3,4,6-Tetrachlorophenol	0.453	0.463	0.040	2.2723	20.0
1,4-Dioxane-d8	0.442	0.491	0.010	10.9082	25.0
Pyridine-d5	1.408	1.408	0.010	-0.0593	40.0
Phenol-d5	1.754	1.690	0.010	-3.6109	25.0
Bis-(2-Chloroethyl)ether-d8	1.051	0.993	0.050	-5.6059	25.0
2-Chlorophenol-d4	1.277	1.303	0.200	2.0202	20.0
4-Methylphenol-d8	1.461	1.382	0.010	-5.4627	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG No.: BG091224

Instrument ID: BNA_G Calibration Date/Time: 9/12/2024 12 09:10

Lab File ID: BG062756.D Init. Calib. Date(s):

EPA Sample No.: SSTD020482 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.131	0.050	-8.1288	20.0
2-Nitrophenol-d4	0.156	0.167	0.050	7.0189	30.0
2,4-Dichlorophenol-d3	0.340	0.353	0.060	3.7995	20.0
4-Chloroaniline-d4	0.468	0.448	0.010	-4.3431	40.0
Dimethylphthalate-d6	1.540	1.444	0.300	-6.2496	20.0
Acenaphthylene-d8	1.711	1.683	0.400	-1.6038	20.0
4-Nitrophenol-d4	0.262	0.249	0.010	-4.7134	40.0
Fluorene-d10	1.388	1.347	0.100	-2.9145	20.0
4,6-Dinitro-2-methylphenol-d2	0.115	0.105	0.010	-8.4522	40.0
Anthracene-d10	0.944	0.934	0.300	-0.9989	20.0
Pyrene-d10	1.125	1.114	0.300	-1.024	25.0
Benzo(a)pyrene-d12	1.056	1.046	0.010	-0.9192	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG No.: BG091224

Instrument ID: BNA_G Calibration Date/Time: 9/12/2024 12 17:05

Lab File ID: BG062765.D Init. Calib. Date(s):

EPA Sample No.: SSTD020483 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.496	0.659	0.010	32.9388	40.0
Benzaldehyde	0.964	1.111	0.010	15.1835	40.0
Pyridine	1.477	1.693	0.010	14.5897	40.0
Phenol	1.823	1.782	0.080	-2.2602	20.0
Bis(2-Chloroethyl)ether	1.378	1.274	0.100	-7.5563	20.0
2-Chlorophenol	1.306	1.337	0.200	2.3276	20.0
2-Methylphenol	1.367	1.403	0.010	2.6565	20.0
2,2-oxybis(1-Chloropropane)	2.481	2.384	0.010	-3.9014	40.0
Acetophenone	2.375	2.299	0.060	-3.2137	20.0
4-Methylphenol	1.538	1.520	0.010	-1.1645	20.0
N-Nitroso-di-n-propylamine	1.243	1.155	0.050	-7.1305	30.0
Hexachloroethane	0.526	0.531	0.100	1.016	20.0
Nitrobenzene	0.387	0.395	0.050	2.2427	25.0
Isophorone	0.791	0.767	0.050	-2.9851	25.0
2-Nitrophenol	0.172	0.184	0.050	6.9647	25.0
2,4-Dimethylphenol	0.368	0.370	0.050	0.4455	25.0
Bis(2-Chloroethoxy)methane	0.442	0.430	0.050	-2.6848	20.0
2,4-Dichlorophenol	0.335	0.359	0.060	7.1017	20.0
Naphthalene	1.072	1.067	0.200	-0.5303	20.0
4-Chloroaniline	0.465	0.453	0.010	-2.6612	40.0
Hexachlorobutadiene	0.279	0.298	0.040	6.6425	30.0
Caprolactam	0.124	0.115	0.010	-7.1578	40.0
4-Chloro-3-methylphenol	0.366	0.382	0.040	4.3758	25.0
1-Methylnaphthalene	0.811	0.831	0.100	2.4987	20.0
2-Methylnaphthalene	0.791	0.826	0.100	4.394	20.0
Hexachlorocyclopentadiene	0.352	0.279	0.010	-20.76	40.0
2,4,6-Trichlorophenol	0.416	0.424	0.090	1.8425	25.0
2,4,5-Trichlorophenol	0.447	0.478	0.100	6.8577	25.0
1,1-Biphenyl	1.406	1.380	0.200	-1.8688	20.0
2-Chloronaphthalene	1.144	1.140	0.300	-0.3278	20.0
2-Nitroaniline	0.314	0.314	0.050	-0.0501	40.0
Dimethylphthalate	1.586	1.486	0.300	-6.3012	20.0
2,6-Dinitrotoluene	0.279	0.293	0.080	4.7229	30.0
Acenaphthylene	1.806	1.753	0.400	-2.9423	20.0
3-Nitroaniline	0.280	0.285	0.010	1.725	40.0
Acenaphthene	1.279	1.222	0.200	-4.4537	20.0
2,4-Dinitrophenol	0.185	0.143	0.010	-22.2472	40.0
4-Nitrophenol	0.235	0.215	0.010	-8.7129	40.0
Dibenzofuran	1.900	1.840	0.300	-3.1513	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG No.: BG091224

Instrument ID: BNA_G Calibration Date/Time: 9/12/2024 12 17:05

Lab File ID: BG062765.D Init. Calib. Date(s):

EPA Sample No.: SSTD020483 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.437	0.442	0.070	1.1671	30.0
Diethylphthalate	1.565	1.444	0.300	-7.7297	20.0
Fluorene	1.493	1.469	0.200	-1.6148	20.0
4-Chlorophenyl-phenylether	0.876	0.854	0.100	-2.4659	20.0
4-Nitroaniline	0.301	0.314	0.010	4.3545	40.0
4,6-Dinitro-2-methylphenol	0.119	0.111	0.010	-7.1805	40.0
N-Nitrosodiphenylamine	0.513	0.495	0.050	-3.5	20.0
1,2,4,5-Tetrachlorobenzene	0.688	0.700	0.100	1.7703	20.0
4-Bromophenyl-phenylether	0.230	0.226	0.070	-1.7244	20.0
Hexachlorobenzene	0.263	0.261	0.050	-0.795	25.0
Atrazine	0.228	0.229	0.010	0.3896	25.0
Pentachlorophenol	0.157	0.178	0.010	13.0807	40.0
Phenanthrene	1.040	1.027	0.200	-1.2367	20.0
Pentachlorobenzene	0.303	0.298	0.050	-1.6902	20.0
Anthracene	1.060	1.061	0.200	0.0738	20.0
1,2,3,4-Tetrachlorobenzene	0.273	0.279	0.050	1.9893	20.0
Carbazole	0.879	0.905	0.050	2.8851	40.0
Di-n-butylphthalate	1.040	1.056	0.500	1.5083	25.0
Fluoranthene	1.246	1.222	0.400	-1.9769	25.0
Pyrene	1.342	1.292	0.400	-3.6768	25.0
Butylbenzylphthalate	0.398	0.422	0.100	5.9392	40.0
3,3-Dichlorobenzidine	0.421	0.454	0.010	7.8162	40.0
Benzo(a)anthracene	1.391	1.355	0.300	-2.5737	30.0
Chrysene	1.320	1.294	0.200	-1.9621	30.0
Bis(2-ethylhexyl)phthalate	0.587	0.604	0.200	2.9556	40.0
Di-n-octyl phthalate	0.930	0.955	0.010	2.649	40.0
Benzo(b)fluoranthene	1.235	1.206	0.200	-2.3706	25.0
Benzo(k)fluoranthene	1.264	1.255	0.200	-0.7216	25.0
Benzo(a)pyrene	1.165	1.142	0.200	-1.9411	20.0
Indeno(1,2,3-cd)pyrene	1.435	1.506	0.200	4.9616	25.0
Dibenzo(a,h)anthracene	1.153	1.196	0.200	3.7573	30.0
Benzo(g,h,i)perylene	1.108	1.171	0.200	5.6562	30.0
2,3,4,6-Tetrachlorophenol	0.453	0.438	0.040	-3.3684	20.0
1,4-Dioxane-d8	0.442	0.576	0.010	30.1472	25.0
Pyridine-d5	1.408	1.666	0.010	18.3027	40.0
Phenol-d5	1.754	1.691	0.010	-3.5722	25.0
Bis-(2-Chloroethyl)ether-d8	1.051	0.979	0.050	-6.9164	25.0
2-Chlorophenol-d4	1.277	1.254	0.200	-1.8441	20.0
4-Methylphenol-d8	1.461	1.465	0.010	0.2472	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG No.: BG091224

Instrument ID: BNA_G Calibration Date/Time: 9/12/2024 12 17:05

Lab File ID: BG062765.D Init. Calib. Date(s):

EPA Sample No.: SSTD020483 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.144	0.050	0.9253	20.0
2-Nitrophenol-d4	0.156	0.182	0.050	16.7102	30.0
2,4-Dichlorophenol-d3	0.340	0.356	0.060	4.4305	20.0
4-Chloroaniline-d4	0.468	0.450	0.010	-3.8637	40.0
Dimethylphthalate-d6	1.540	1.434	0.300	-6.9201	20.0
Acenaphthylene-d8	1.711	1.674	0.400	-2.1613	20.0
4-Nitrophenol-d4	0.262	0.248	0.010	-5.1443	40.0
Fluorene-d10	1.388	1.357	0.100	-2.201	20.0
4,6-Dinitro-2-methylphenol-d2	0.115	0.106	0.010	-8.0778	40.0
Anthracene-d10	0.944	0.931	0.300	-1.3548	20.0
Pyrene-d10	1.125	1.086	0.300	-3.5155	25.0
Benzo(a)pyrene-d12	1.056	1.049	0.010	-0.6785	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG No.: BG091224

Instrument ID: BNA_G Calibration Date/Time: 9/13/2024 12 02:51

Lab File ID: BG062779.D Init. Calib. Date(s):

EPA Sample No.: SSTD020484 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.496	0.542	0.010	9.2211	50.0
Benzaldehyde	0.964	1.042	0.010	8.0634	50.0
Pyridine	1.477	1.614	0.010	9.2632	50.0
Phenol	1.823	1.650	0.080	-9.5023	50.0
Bis(2-Chloroethyl)ether	1.378	1.198	0.100	-13.0611	50.0
2-Chlorophenol	1.306	1.272	0.200	-2.5945	50.0
2-Methylphenol	1.367	1.360	0.010	-0.5067	50.0
2,2-oxybis(1-Chloropropane)	2.481	2.337	0.010	-5.7845	50.0
Acetophenone	2.375	2.375	0.060	-0.0072	50.0
4-Methylphenol	1.538	1.578	0.010	2.6059	50.0
N-Nitroso-di-n-propylamine	1.243	1.225	0.050	-1.4573	50.0
Hexachloroethane	0.526	0.538	0.100	2.2768	50.0
Nitrobenzene	0.387	0.355	0.050	-8.1337	50.0
Isophorone	0.791	0.725	0.050	-8.3171	50.0
2-Nitrophenol	0.172	0.180	0.050	4.699	50.0
2,4-Dimethylphenol	0.368	0.365	0.050	-0.7837	50.0
Bis(2-Chloroethoxy)methane	0.442	0.411	0.050	-6.8872	50.0
2,4-Dichlorophenol	0.335	0.352	0.060	4.8407	50.0
Naphthalene	1.072	1.062	0.200	-0.9373	50.0
4-Chloroaniline	0.465	0.441	0.010	-5.2258	50.0
Hexachlorobutadiene	0.279	0.290	0.040	3.956	50.0
Caprolactam	0.124	0.108	0.010	-12.5178	50.0
4-Chloro-3-methylphenol	0.366	0.362	0.040	-1.0675	50.0
1-Methylnaphthalene	0.811	0.797	0.100	-1.7506	50.0
2-Methylnaphthalene	0.791	0.771	0.100	-2.5913	50.0
Hexachlorocyclopentadiene	0.352	0.335	0.010	-4.7073	50.0
2,4,6-Trichlorophenol	0.416	0.406	0.090	-2.6131	50.0
2,4,5-Trichlorophenol	0.447	0.442	0.100	-1.224	50.0
1,1-Biphenyl	1.406	1.367	0.200	-2.8335	50.0
2-Chloronaphthalene	1.144	1.112	0.300	-2.8092	50.0
2-Nitroaniline	0.314	0.313	0.050	-0.2552	50.0
Dimethylphthalate	1.586	1.484	0.300	-6.4174	50.0
2,6-Dinitrotoluene	0.279	0.299	0.080	6.9444	50.0
Acenaphthylene	1.806	1.742	0.400	-3.52	50.0
3-Nitroaniline	0.280	0.292	0.010	4.3843	50.0
Acenaphthene	1.279	1.244	0.200	-2.7258	50.0
2,4-Dinitrophenol	0.185	0.148	0.010	-20.0198	50.0
4-Nitrophenol	0.235	0.217	0.010	-7.8104	50.0
Dibenzofuran	1.900	1.836	0.300	-3.39	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG No.: BG091224

Instrument ID: BNA_G Calibration Date/Time: 9/13/2024 12 02:51

Lab File ID: BG062779.D Init. Calib. Date(s):

EPA Sample No.: SSTD020484 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.437	0.446	0.070	2.1799	50.0
Diethylphthalate	1.565	1.480	0.300	-5.4028	50.0
Fluorene	1.493	1.466	0.200	-1.8242	50.0
4-Chlorophenyl-phenylether	0.876	0.865	0.100	-1.26	50.0
4-Nitroaniline	0.301	0.309	0.010	2.6546	50.0
4,6-Dinitro-2-methylphenol	0.119	0.112	0.010	-6.4545	50.0
N-Nitrosodiphenylamine	0.513	0.504	0.050	-1.66	50.0
1,2,4,5-Tetrachlorobenzene	0.688	0.663	0.100	-3.6006	50.0
4-Bromophenyl-phenylether	0.230	0.228	0.070	-0.7264	50.0
Hexachlorobenzene	0.263	0.262	0.050	-0.4105	50.0
Atrazine	0.228	0.224	0.010	-1.9545	50.0
Pentachlorophenol	0.157	0.197	0.010	25.2173	50.0
Phenanthrene	1.040	1.017	0.200	-2.1752	50.0
Pentachlorobenzene	0.303	0.301	0.050	-0.6085	50.0
Anthracene	1.060	1.032	0.200	-2.6926	50.0
1,2,3,4-Tetrachlorobenzene	0.273	0.269	0.050	-1.6052	50.0
Carbazole	0.879	0.891	0.050	1.3841	50.0
Di-n-butylphthalate	1.040	1.029	0.500	-1.0169	50.0
Fluoranthene	1.246	1.230	0.400	-1.2969	50.0
Pyrene	1.342	1.314	0.400	-2.0959	50.0
Butylbenzylphthalate	0.398	0.415	0.100	4.2772	50.0
3,3-Dichlorobenzidine	0.421	0.463	0.010	9.9558	50.0
Benzo(a)anthracene	1.391	1.370	0.300	-1.5058	50.0
Chrysene	1.320	1.299	0.200	-1.5605	50.0
Bis(2-ethylhexyl)phthalate	0.587	0.605	0.200	3.2261	50.0
Di-n-octyl phthalate	0.930	0.930	0.010	0.0111	50.0
Benzo(b)fluoranthene	1.235	1.187	0.200	-3.8622	50.0
Benzo(k)fluoranthene	1.264	1.229	0.200	-2.7703	50.0
Benzo(a)pyrene	1.165	1.138	0.200	-2.2527	50.0
Indeno(1,2,3-cd)pyrene	1.435	1.429	0.200	-0.4487	50.0
Dibenzo(a,h)anthracene	1.153	1.152	0.200	-0.0796	50.0
Benzo(g,h,i)perylene	1.108	1.088	0.200	-1.8167	50.0
2,3,4,6-Tetrachlorophenol	0.453	0.454	0.040	0.1764	50.0
1,4-Dioxane-d8	0.442	0.477	0.010	7.8992	50.0
Pyridine-d5	1.408	1.507	0.010	6.9691	50.0
Phenol-d5	1.754	1.576	0.010	-10.1578	50.0
Bis-(2-Chloroethyl)ether-d8	1.051	0.904	0.050	-14.0566	50.0
2-Chlorophenol-d4	1.277	1.178	0.200	-7.75	50.0
4-Methylphenol-d8	1.461	1.467	0.010	0.4115	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG No.: BG091224

Instrument ID: BNA_G Calibration Date/Time: 9/13/2024 12 02:51

Lab File ID: BG062779.D Init. Calib. Date(s):

EPA Sample No.: SSTD020484 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.138	0.050	-3.3857	50.0
2-Nitrophenol-d4	0.156	0.164	0.050	4.8325	50.0
2,4-Dichlorophenol-d3	0.340	0.350	0.060	2.9113	50.0
4-Chloroaniline-d4	0.468	0.447	0.010	-4.5813	50.0
Dimethylphthalate-d6	1.540	1.436	0.300	-6.7291	50.0
Acenaphthylene-d8	1.711	1.665	0.400	-2.64	50.0
4-Nitrophenol-d4	0.262	0.253	0.010	-3.1527	50.0
Fluorene-d10	1.388	1.348	0.100	-2.8936	50.0
4,6-Dinitro-2-methylphenol-d2	0.115	0.105	0.010	-8.8187	50.0
Anthracene-d10	0.944	0.928	0.300	-1.6651	50.0
Pyrene-d10	1.125	1.112	0.300	-1.1749	50.0
Benzo(a)pyrene-d12	1.056	1.029	0.010	-2.5803	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK311			SDG No.:	BG091224
Lab Sample ID:	PB163311BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062757.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK311			SDG No.:	BG091224
Lab Sample ID:	PB163311BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062757.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK311			SDG No.:	BG091224
Lab Sample ID:	PB163311BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062757.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.607		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	25.88		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.289		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.442		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.882		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	24.859		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	27.927		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.574		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.679		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.248		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.157		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.756		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.93		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	27.667		25-125		69	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK311			SDG No.:	BG091224
Lab Sample ID:	PB163311BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062757.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.525		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	28.561		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	28.693		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.547		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50911	7.901				
1146-65-2	Naphthalene-d8	213715	10.691				
15067-26-2	Acenaphthene-d10	196453	14.528				
1517-22-2	Phenanthrene-d10	522904	17.278				
1719-03-5	Chrysene-d12	566302	21.52				
1520-96-3	Perylene-d12	625915	24.581				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242			SDG No.:	BG091224
Lab Sample ID:	PB163242BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062758.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242			SDG No.:	BG091224
Lab Sample ID:	PB163242BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062758.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242			SDG No.:	BG091224
Lab Sample ID:	PB163242BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062758.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.557		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	28.212		20-120		71	SPK: -40
4165-62-2	Phenol-d5	24.574		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.85		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.309		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.657		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	28.402		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.279		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.698		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.643		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.733		25-130		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.403		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.162		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	28.842		25-125		72	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242			SDG No.:	BG091224
Lab Sample ID:	PB163242BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062758.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.799		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	28.673		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	28.32		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.706		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45327	7.906				
1146-65-2	Naphthalene-d8	189329	10.697				
15067-26-2	Acenaphthene-d10	181339	14.528				
1517-22-2	Phenanthrene-d10	510952	17.272				
1719-03-5	Chrysene-d12	556977	21.519				
1520-96-3	Perylene-d12	618952	24.581				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BG091224
Lab Sample ID:	P3391-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062759.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	J	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	4.8	J	2.3	5	10	ug/L
110-86-1	Pyridine	5.3	J	2.2	10	10	ug/L
108-95-2	Phenol	4.3	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.4	J	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	4.5	J	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	4.2	J	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.4	J	1.2	5	10	ug/L
98-86-2	Acetophenone	4.4	J	0.89	5	10	ug/L
106-44-5	4-Methylphenol	4.1	J	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.1	J	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	4.6	J	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	4.9	J	0.99	2.5	5	ug/L
78-59-1	Isophorone	4.2	J	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.8	J	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.9	J	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.2	J	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.7	J	0.93	2.5	5	ug/L
91-20-3	Naphthalene	4.7	J	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.2	J	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.9	J	0.98	2.5	5	ug/L
105-60-2	Caprolactam	7.4	J	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	5.1		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	5.7		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	5.7		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.4	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.5	J	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.6	J	0.8	2.5	5	ug/L

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Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BG091224
Lab Sample ID:	P3391-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062759.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.6	J	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.8	J	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	4.2	J	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.4	J	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.4	J	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	4.8	J	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	4.1	J	1.5	5	10	ug/L
83-32-9	Acenaphthene	4.7	J	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	6	J	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	4.4	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	4.6	J	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.5	J	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	4.5	J	0.87	2.5	5	ug/L
86-73-7	Fluorene	4.8	J	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.9	J	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	4.1	J	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.6	J	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.3	J	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.7	J	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.6	J	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.8	J	0.56	2.5	5	ug/L
1912-24-9	Atrazine	4.7	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	6.6	J	2.5	5	10	ug/L
85-01-8	Phenanthrene	4.7	J	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.6	J	1.2	2.5	5	ug/L
120-12-7	Anthracene	4.2	J	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.2	J	0.92	2.5	5	ug/L
86-74-8	Carbazole	4.7	J	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.5	J	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	4.6	J	0.65	5	5	ug/L

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Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BG091224
Lab Sample ID:	P3391-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062759.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.7	J	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4.6	J	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.5	J	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.6	J	0.56	2.5	5	ug/L
218-01-9	Chrysene	4.7	J	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.8	J	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	4.9	J	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.9	J	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.8	J	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.8	J	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.7	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.9	J	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	5		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.7	J	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.455		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	27.332		20-120		68	SPK: -40
4165-62-2	Phenol-d5	21.976		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.194		25-120		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.349		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.343		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	24.155		20-125		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.808		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.263		20-120		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.02		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.878		25-130		52	SPK: -40
93951-97-4	Acenaphthylene-d8	22.161		10-130		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.085		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	22.82		25-125		57	SPK: -40

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Report of Analysis

Client:				Date Collected:	7/29/2024 12:00:00 AM
Project:				Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06			SDG No.:	BG091224
Lab Sample ID:	P3391-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062759.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.275		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	19.465		25-130		49	SPK: -40
1718-52-1	Pyrene-d10	22.056		15-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.87		20-130		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48756	7.905				
1146-65-2	Naphthalene-d8	213347	10.696				
15067-26-2	Acenaphthene-d10	211799	14.533				
1517-22-2	Phenanthrene-d10	573413	17.277				
1719-03-5	Chrysene-d12	630606	21.519				
1520-96-3	Perylene-d12	646088	24.586				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AN7	SDG No.:	BG091224
Lab Sample ID:	P3922-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062760.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AN7			SDG No.:	BG091224
Lab Sample ID:	P3922-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062760.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AN7			SDG No.:	BG091224
Lab Sample ID:	P3922-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062760.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	14.005		20-120		35	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.903		15-120		74	SPK: -8
4165-62-2	Phenol-d5	10.893		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.927		25-120		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.588		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.233		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	20.482		20-125		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.338		20-130		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.901		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.363		1-146		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.686		25-130		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.198		10-130		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.416		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	24.173		25-125		60	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AN7			SDG No.:	BG091224
Lab Sample ID:	P3922-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062760.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.828		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	26.283		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	26.564		15-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.121		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48399	7.897				
1146-65-2	Naphthalene-d8	264993	10.694				
15067-26-2	Acenaphthene-d10	212882	14.53				
1517-22-2	Phenanthrene-d10	542183	17.274				
1719-03-5	Chrysene-d12	544090	21.522				
1520-96-3	Perylene-d12	599910	24.583				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	3.6	J			3.619	
000770-35-4	1-Phenoxypropan-2-ol	4.8	J			11.428	
	unknown-01	2.6	J			15.1	
000057-10-3	n-Hexadecanoic acid	7.2	J			18.173	
959085-66-6	Heptadecyl heptafluorobutyrate	6.4	J			21.187	
	(DEL) Alkane: Straight-Chain22.304	3.4	J			22.304	
	(DEL) Alkane: Cyclic22.750	5	J			22.75	
	unknown-02	4.6	J			23.473	
	(DEL) Alkane: Straight-Chain23.719	2.4	J			23.719	
	unknown-03	4.5	J			24.325	
	(DEL) Alkane: Straight-Chain25.318	2.9	J			25.318	
010191-41-0	dl-.alpha.-Tocopherol	2	J			26.34	
	unknown-04	2.6	J			26.522	
000057-88-5	Cholesterol	3.4	J			26.669	
000083-48-7	Stigmasterol	3.5	J			28.549	
000083-47-6	.gamma.-Sitosterol	9.9	J			29.595	
027331-34-6	Naphthalene, 1-(4-methylphenyl)-	11	J			30.112	

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AN7			SDG No.:	BG091224
Lab Sample ID:	P3922-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062760.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
006831-17-0	2H-Cyclopropa[a]naphthalen-2-one,	39	J			30.723	
E966796	Total Alkanes	14				99	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AT5			SDG No.:	BG091224
Lab Sample ID:	P3922-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062761.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	40		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AT5			SDG No.:	BG091224
Lab Sample ID:	P3922-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062761.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AT5			SDG No.:	BG091224
Lab Sample ID:	P3922-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062761.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.054		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	6.375	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	9.287		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.51		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.721		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.865		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	26.421		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.757		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.316		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.876		1-146		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.148		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.233		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.06		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	31.565		25-125		79	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AT5			SDG No.:	BG091224
Lab Sample ID:	P3922-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062761.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.795		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	33.749		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	35.267		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.039		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45949	7.895				
1146-65-2	Naphthalene-d8	244482	10.691				
15067-26-2	Acenaphthene-d10	197086	14.528				
1517-22-2	Phenanthrene-d10	506263	17.278				
1719-03-5	Chrysene-d12	503532	21.526				
1520-96-3	Perylene-d12	548859	24.587				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic3.623	3.2	J			3.623	
000100-41-4	Ethylbenzene	18	J			5.415	
000106-42-3	p-Xylene	4.2	J			5.568	
000098-82-8	Benzene, (1-methylethyl)-	31	J			6.39	
000103-65-1	Benzene, propyl-	48	J			6.878	
000108-67-8	Mesitylene	55	J			7.548	
000526-73-8	Benzene, 1,2,3-trimethyl-	23	J			8.012	
000496-11-7	Indane	35	J			8.271	
000135-01-3	Benzene, 1,2-diethyl-	7.6	J			8.388	
021195-59-5	p-Mentha-1,5,8-triene	10	J			8.541	
001074-55-1	Benzene, 1-methyl-4-propyl-	4.3	J			8.699	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	9.2	J			8.852	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	7.8	J			8.899	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	3	J			9.334	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	18	J			9.522	
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	13	J			9.581	
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	8.7	J			9.939	

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AT5			SDG No.:	BG091224
Lab Sample ID:	P3922-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062761.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000824-90-8	1-Phenyl-1-butene	35	J			10.092	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropy	2.3	J			10.392	
035587-60-1	1-Methylindan-2-one	4.8	J			12.566	
000611-01-8	Benzoic acid, 2,4-dimethyl-	2.2	J			12.66	
039627-61-7	7-Methylindan-1-one	3.3	J			12.983	
000480-63-7	Benzoic acid, 2,4,6-trimethyl-	5.9	J			13.535	
000936-49-2	1H-Imidazole, 4,5-dihydro-2-phenyl	2.1	J			13.653	
000528-90-5	Benzoic acid, 2,4,5-trimethyl-	4.2	J			13.752	
000087-24-1	Ethyl o-methylbenzoate	6.9	J			14.158	
000098-73-7	Benzoic acid, p-tert-butyl-	4.1	J			14.34	
065898-38-6	Indane-5-carboxylic acid	2.7	J			15.016	
000126-73-8	Tributyl phosphate	2	J			15.738	
	unknown-01	2.6	J			16.079	
000057-10-3	n-Hexadecanoic acid	2.4	J			18.171	
E966796	Total Alkanes	3.2				99	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR9			SDG No.:	BG091224
Lab Sample ID:	P3922-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062762.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR9			SDG No.:	BG091224
Lab Sample ID:	P3922-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062762.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR9			SDG No.:	BG091224
Lab Sample ID:	P3922-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062762.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.395		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	7.676	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	8.112		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.96		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.388		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	18.991		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	24.222		20-125		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.652		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.944		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.811		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.561		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.629		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.564		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	28.253		25-125		71	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AR9			SDG No.:	BG091224
Lab Sample ID:	P3922-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062762.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.648		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	33.027		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	33.899		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.854		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42698	7.9				
1146-65-2	Naphthalene-d8	207764	10.696				
15067-26-2	Acenaphthene-d10	177601	14.533				
1517-22-2	Phenanthrene-d10	462330	17.277				
1719-03-5	Chrysene-d12	504776	21.519				
1520-96-3	Perylene-d12	553530	24.58				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-16-9	Benzothiazole	3	J			11.337	
000134-62-3	Diethyltoluamide	4.1	J			15.268	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AS7			SDG No.:	BG091224
Lab Sample ID:	P3922-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062763.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AS7			SDG No.:	BG091224
Lab Sample ID:	P3922-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062763.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AS7			SDG No.:	BG091224
Lab Sample ID:	P3922-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062763.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.329		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.357		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.345		25-120		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.665		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.518		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	21.071		20-125		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.601		20-130		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.466		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.232		1-146		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.72		25-130		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.793		10-130		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.083		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	24.654		25-125		62	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AS7			SDG No.:	BG091224
Lab Sample ID:	P3922-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062763.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.844		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	25.82		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	26.405		15-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.722		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41484	7.901				
1146-65-2	Naphthalene-d8	197444	10.697				
15067-26-2	Acenaphthene-d10	146744	14.528				
1517-22-2	Phenanthrene-d10	383234	17.272				
1719-03-5	Chrysene-d12	424319	21.52				
1520-96-3	Perylene-d12	462091	24.587				
TENTATIVE IDENTIFIED COMPOUNDS							
000142-62-1	Hexanoic acid	3.9	J			6.914	
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AS9			SDG No.:	BG091224
Lab Sample ID:	P3922-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062764.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AS9			SDG No.:	BG091224
Lab Sample ID:	P3922-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062764.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AS9			SDG No.:	BG091224
Lab Sample ID:	P3922-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062764.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.555		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	5.437	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	9.437		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.531		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.35		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	21.708		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	29.231		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.717		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.278		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.984		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.595		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.333		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.954		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	31.008		25-125		78	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AS9			SDG No.:	BG091224
Lab Sample ID:	P3922-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062764.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.477		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	35.463		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	34.995		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.475		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38488	7.903				
1146-65-2	Naphthalene-d8	175084	10.694				
15067-26-2	Acenaphthene-d10	142159	14.53				
1517-22-2	Phenanthrene-d10	376789	17.274				
1719-03-5	Chrysene-d12	416786	21.522				
1520-96-3	Perylene-d12	453686	24.583				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain21.187	2.1	J			21.187	
E966796	Total Alkanes	2.1				99	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK311			SDG No.:	BG091224
Lab Sample ID:	PB163311BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062766.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK311			SDG No.:	BG091224
Lab Sample ID:	PB163311BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062766.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK311			SDG No.:	BG091224
Lab Sample ID:	PB163311BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062766.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.526		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	30.684		20-120		77	SPK: -40
4165-62-2	Phenol-d5	26.457		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.008		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.793		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	27.514		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	24.132		20-125		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.028		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.227		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.09		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.043		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.6		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.631		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	27.878		25-125		70	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK311			SDG No.:	BG091224
Lab Sample ID:	PB163311BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062766.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.098		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	28.135		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	27.191		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.845		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47947	7.9				
1146-65-2	Naphthalene-d8	243403	10.697				
15067-26-2	Acenaphthene-d10	178616	14.528				
1517-22-2	Phenanthrene-d10	496285	17.278				
1719-03-5	Chrysene-d12	603085	21.52				
1520-96-3	Perylene-d12	662830	24.587				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK313			SDG No.:	BG091224
Lab Sample ID:	PB163313BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062767.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK313			SDG No.:	BG091224
Lab Sample ID:	PB163313BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062767.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK313			SDG No.:	BG091224
Lab Sample ID:	PB163313BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062767.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.168		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	30.704		20-120		77	SPK: -40
4165-62-2	Phenol-d5	25.068		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.069		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.275		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	26.163		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	27.544		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.65		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.395		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.162		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.3		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.698		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.851		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.92		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SBLK313			SDG No.:	BG091224
Lab Sample ID:	PB163313BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062767.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.413		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	27.384		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	27.759		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.465		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45694	7.905				
1146-65-2	Naphthalene-d8	206570	10.696				
15067-26-2	Acenaphthene-d10	168962	14.533				
1517-22-2	Phenanthrene-d10	449146	17.276				
1719-03-5	Chrysene-d12	487744	21.519				
1520-96-3	Perylene-d12	552073	24.586				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062768.D	10	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340	U	340	83.2	840	ug/Kg
100-52-7	Benzaldehyde	730	U	730	1000	4200	ug/Kg
110-86-1	Pyridine	970	U	970	2100	4200	ug/Kg
108-95-2	Phenol	380	U	380	1000	4200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	370	U	370	1000	4200	ug/Kg
95-57-8	2-Chlorophenol	350	U	350	540	2100	ug/Kg
95-48-7	2-Methylphenol	390	U	390	1000	4200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	500	U	500	1000	4200	ug/Kg
98-86-2	Acetophenone	830	U	830	1000	4200	ug/Kg
106-44-5	4-Methylphenol	670	U	670	1000	4200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000	U	1000	540	2100	ug/Kg
67-72-1	Hexachloroethane	770	U	770	540	2100	ug/Kg
98-95-3	Nitrobenzene	810	U	810	540	2100	ug/Kg
78-59-1	Isophorone	830	U	830	540	2100	ug/Kg
88-75-5	2-Nitrophenol	760	U	760	540	2100	ug/Kg
105-67-9	2,4-Dimethylphenol	400	U	400	540	2100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	570	U	570	540	2100	ug/Kg
120-83-2	2,4-Dichlorophenol	480	U	480	540	2100	ug/Kg
91-20-3	Naphthalene	1600	JD	300	540	2100	ug/Kg
106-47-8	4-Chloroaniline	450	U	450	540	4200	ug/Kg
87-68-3	Hexachlorobutadiene	440	U	440	540	2100	ug/Kg
105-60-2	Caprolactam	810	U	810	1000	4200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	520	U	520	540	2100	ug/Kg
90-12-0	1-Methylnaphthalene	1800	JD	300	540	2100	ug/Kg
91-57-6	2-Methylnaphthalene	3100	D	400	540	2100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200	U	1200	1000	4200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	300	U	300	540	2100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	420	U	420	540	2100	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062768.D	10	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	330	U	330	540	2100	ug/Kg
91-58-7	2-Chloronaphthalene	420	U	420	540	2100	ug/Kg
88-74-4	2-Nitroaniline	570	U	570	540	2100	ug/Kg
131-11-3	Dimethylphthalate	380	U	380	540	2100	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	540	2100	ug/Kg
208-96-8	Acenaphthylene	370	U	370	540	2100	ug/Kg
99-09-2	3-Nitroaniline	830	U	830	1000	4200	ug/Kg
83-32-9	Acenaphthene	330	U	330	540	2100	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1000	4200	ug/Kg
100-02-7	4-Nitrophenol	550	U	550	1000	4200	ug/Kg
132-64-9	Dibenzofuran	340	U	340	540	2100	ug/Kg
121-14-2	2,4-Dinitrotoluene	440	U	440	540	2100	ug/Kg
84-66-2	Diethylphthalate	420	U	420	540	2100	ug/Kg
86-73-7	Fluorene	340	U	340	540	2100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	250	U	250	540	2100	ug/Kg
100-01-6	4-Nitroaniline	300	U	300	1000	4200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	480	U	480	1000	4200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	300	U	300	540	2100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	430	U	430	540	2100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	330	U	330	540	2100	ug/Kg
118-74-1	Hexachlorobenzene	350	U	350	540	2100	ug/Kg
1912-24-9	Atrazine	350	U	350	1000	4200	ug/Kg
87-86-5	Pentachlorophenol	160000	ED	1100	1000	4200	ug/Kg
85-01-8	Phenanthrene	340	U	340	540	2100	ug/Kg
608-93-5	Pentachlorobenzene	470	U	470	540	2100	ug/Kg
120-12-7	Anthracene	320	U	320	540	2100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	210	U	210	540	2100	ug/Kg
86-74-8	Carbazole	430	U	430	1000	4200	ug/Kg
84-74-2	Di-n-butylphthalate	340	U	340	540	2100	ug/Kg
206-44-0	Fluoranthene	240	U	240	1000	2100	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062768.D	10	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	230	U	230	540	2100	ug/Kg
85-68-7	Butylbenzylphthalate	280	U	280	540	2100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	660	U	660	1000	4200	ug/Kg
56-55-3	Benzo(a)anthracene	290	U	290	540	2100	ug/Kg
218-01-9	Chrysene	300	U	300	540	2100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	540	2100	ug/Kg
117-84-0	Di-n-octyl phthalate	600	U	600	1000	4200	ug/Kg
205-99-2	Benzo(b)fluoranthene	470	U	470	540	2100	ug/Kg
207-08-9	Benzo(k)fluoranthene	480	U	480	540	2100	ug/Kg
50-32-8	Benzo(a)pyrene	390	U	390	540	2100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350	U	350	540	2100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	330	540	2100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400	U	400	540	2100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	12000	D	450	540	2100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.86		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	25.31		20-120		63	SPK: -40
4165-62-2	Phenol-d5	23.82		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.64		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.65		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.1		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	24.69		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.95		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.51		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.13		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.05		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	23.86		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.75		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	23.78		20-140		59	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062768.D	10	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.25		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	25.41		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	23.85		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.2		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44136	7.902				
1146-65-2	Naphthalene-d8	200969	10.693				
15067-26-2	Acenaphthene-d10	167439	14.53				
1517-22-2	Phenanthrene-d10	437407	17.279				
1719-03-5	Chrysene-d12	468342	21.521				
1520-96-3	Perylene-d12	538716	24.583				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.928	12000	JD			5.928	
1000309-70-4	Oxalic acid, cyclobutyl tridecyl e	3000	JD			6.186	
	(DEL) Alkane: Straight-Chain6.398	2300	JD			6.398	
	(DEL) Alkane: Straight-Chain6.468	3200	JD			6.468	
	(DEL) Alkane: Cyclic6.551	4200	JD			6.551	
	(DEL) Alkane: Straight-Chain6.809	2400	JD			6.809	
	(DEL) Alkane: Straight-Chain6.903	4600	JD			6.903	
	(DEL) Alkane: Straight-Chain6.962	5100	JD			6.962	
000620-14-4	Benzene, 1-ethyl-3-methyl-	4100	JD			6.997	
000526-73-8	Benzene, 1,2,3-trimethyl-	3200	JD			7.132	
000611-14-3	Benzene, 1-ethyl-2-methyl-	3400	JD			7.297	
	(DEL) Alkane: Straight-Chain7.532	33000	JD			7.532	
	unknown-01	3000	JD			7.826	
1000139-90-3	1-Isobutoxy-2-ethylhexane	7700	JD			7.967	
000108-67-8	Mesitylene	3500	JD			8.02	
	(DEL) Alkane: Cyclic8.196	2900	JD			8.196	
	(DEL) Alkane: Straight-Chain8.437	5900	JD			8.437	

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062768.D	10	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.495	2400	JD			8.495	
	(DEL) Alkane: Straight-Chain8.672	4700	JD			8.672	
001074-55-1	Benzene, 1-methyl-4-propyl-	3600	JD			8.707	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	2400	JD			8.854	
000527-84-4	o-Cymene	3200	JD			8.907	
	(DEL) Alkane: Straight-Chain9.136	26000	JD			9.136	
	unknown-02	6000	JD			9.259	
	(DEL) Alkane: Straight-Chain9.694	870	JD			9.694	
	(DEL) Alkane: Straight-Chain9.841	1300	JD			9.841	
	(DEL) Alkane: Straight-Chain10.129	1300	JD			10.129	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	3900	JD			11.075	
	(DEL) Alkane: Straight-Chain11.721	1700	JD			11.721	
054340-85-1	Benzene, 1-(2-butenyl)-2,3-dimethy	3300	JD			11.792	
	(DEL) Alkane: Straight-Chain12.121	3500	JD			12.121	
	unknown-03	1900	JD			12.15	
	(DEL) Alkane: Straight-Chain12.932	1300	JD			12.932	
	(DEL) Alkane: Straight-Chain13.073	1800	JD			13.073	
	(DEL) Alkane: Straight-Chain13.360	6500	JD			13.36	
000582-16-1	Naphthalene, 2,7-dimethyl-	2600	JD			13.713	
000581-40-8	Naphthalene, 2,3-dimethyl-	2300	JD			13.854	
1000309-38-8	Oxalic acid, 2-ethylhexyl isohexyl	2900	JD			14.018	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	2100	JD			14.165	
1000309-19-3	Sulfurous acid, decyl 2-ethylhexyl	12000	JD			14.436	
	unknown-04	2300	JD			14.606	
1000306-62-9	(3,5-Difluorophenyl)diethylamine	8000	JD			14.677	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	1700	JD			14.923	
1000080-19-3	4b,5,6,7,8,8a,9,10-Octahydro-1-met	1500	JD			15.094	
1000080-19-4	1,2,3,4,5,6,7,8-Octahydro-1-methyl	2000	JD			15.217	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	8700	JD			15.293	
	(DEL) Alkane: Straight-Chain15.387	6900	JD			15.387	

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062768.D	10	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain15.793	3100	JD			15.793	
	(DEL) Alkane: Straight-Chain15.887	1900	JD			15.887	
1000147-91-3	2-Methylidene-hydrazono-3-methyl-5	2300	JD			16.163	
	(DEL) Alkane: Straight-Chain16.245	4400	JD			16.245	
	unknown-05	1500	JD			16.592	
	(DEL) Alkane: Straight-Chain17.038	3900	JD			17.038	
1010104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2	2900	JD			17.091	
1000347-46-1	Silane, dimethyl(3-ethylphenoxy)et	2200	JD			17.567	
	(DEL) Alkane: Straight-Chain17.779	3300	JD			17.779	
	(DEL) Alkane: Straight-Chain18.466	2100	JD			18.466	
	(DEL) Alkane: Straight-Chain19.101	1700	JD			19.101	
	(DEL) Alkane: Straight-Chain20.211	1900	JD			20.211	
	(DEL) Alkane: Straight-Chain20.705	880	JD			20.705	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	1500	JD			21.192	
	(DEL) Alkane: Straight-Chain21.721	920	JD			21.721	
	(DEL) Alkane: Straight-Chain22.297	1200	JD			22.297	
E966796	Total Alkanes	160000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL2			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062769.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1000	U	1000	250	2500	ug/Kg
100-52-7	Benzaldehyde	2200	U	2200	3100	12000	ug/Kg
110-86-1	Pyridine	2900	U	2900	6200	12000	ug/Kg
108-95-2	Phenol	1100	U	1100	3100	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	3100	12000	ug/Kg
95-57-8	2-Chlorophenol	1100	U	1100	1600	6400	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	3100	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500	U	1500	3100	12000	ug/Kg
98-86-2	Acetophenone	2500	U	2500	3100	12000	ug/Kg
106-44-5	4-Methylphenol	2000	U	2000	3100	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3000	U	3000	1600	6400	ug/Kg
67-72-1	Hexachloroethane	2300	U	2300	1600	6400	ug/Kg
98-95-3	Nitrobenzene	2400	U	2400	1600	6400	ug/Kg
78-59-1	Isophorone	2500	U	2500	1600	6400	ug/Kg
88-75-5	2-Nitrophenol	2300	U	2300	1600	6400	ug/Kg
105-67-9	2,4-Dimethylphenol	1200	U	1200	1600	6400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1700	U	1700	1600	6400	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1600	6400	ug/Kg
91-20-3	Naphthalene	1600	JD	910	1600	6400	ug/Kg
106-47-8	4-Chloroaniline	1400	U	1400	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1600	6400	ug/Kg
105-60-2	Caprolactam	2400	U	2400	3100	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500	U	1500	1600	6400	ug/Kg
90-12-0	1-Methylnaphthalene	2100	JD	910	1600	6400	ug/Kg
91-57-6	2-Methylnaphthalene	3500	JD	1200	1600	6400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3700	U	3700	3100	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	910	U	910	1600	6400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200	U	1200	1600	6400	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL2			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062769.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	980	U	980	1600	6400	ug/Kg
91-58-7	2-Chloronaphthalene	1200	U	1200	1600	6400	ug/Kg
88-74-4	2-Nitroaniline	1700	U	1700	1600	6400	ug/Kg
131-11-3	Dimethylphthalate	1100	U	1100	1600	6400	ug/Kg
606-20-2	2,6-Dinitrotoluene	760	U	760	1600	6400	ug/Kg
208-96-8	Acenaphthylene	1100	U	1100	1600	6400	ug/Kg
99-09-2	3-Nitroaniline	2500	U	2500	3100	12000	ug/Kg
83-32-9	Acenaphthene	980	U	980	1600	6400	ug/Kg
51-28-5	2,4-Dinitrophenol	4900	U	4900	3100	12000	ug/Kg
100-02-7	4-Nitrophenol	1700	U	1700	3100	12000	ug/Kg
132-64-9	Dibenzofuran	1000	U	1000	1600	6400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300	U	1300	1600	6400	ug/Kg
84-66-2	Diethylphthalate	1200	U	1200	1600	6400	ug/Kg
86-73-7	Fluorene	1000	U	1000	1600	6400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	760	U	760	1600	6400	ug/Kg
100-01-6	4-Nitroaniline	910	U	910	3100	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400	U	1400	3100	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	910	U	910	1600	6400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300	U	1300	1600	6400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	980	U	980	1600	6400	ug/Kg
118-74-1	Hexachlorobenzene	1100	U	1100	1600	6400	ug/Kg
1912-24-9	Atrazine	1100	U	1100	3100	12000	ug/Kg
87-86-5	Pentachlorophenol	160000	D	3300	3100	12000	ug/Kg
85-01-8	Phenanthrene	1000	U	1000	1600	6400	ug/Kg
608-93-5	Pentachlorobenzene	1400	U	1400	1600	6400	ug/Kg
120-12-7	Anthracene	950	U	950	1600	6400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	640	U	640	1600	6400	ug/Kg
86-74-8	Carbazole	1300	U	1300	3100	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1000	U	1000	1600	6400	ug/Kg
206-44-0	Fluoranthene	720	U	720	3100	6400	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL2			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062769.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	680	U	680	1600	6400	ug/Kg
85-68-7	Butylbenzylphthalate	830	U	830	1600	6400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	3100	12000	ug/Kg
56-55-3	Benzo(a)anthracene	870	U	870	1600	6400	ug/Kg
218-01-9	Chrysene	910	U	910	1600	6400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	950	U	950	1600	6400	ug/Kg
117-84-0	Di-n-octyl phthalate	1800	U	1800	3100	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400	U	1400	1600	6400	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	U	1400	1600	6400	ug/Kg
50-32-8	Benzo(a)pyrene	1200	U	1200	1600	6400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	U	1100	1600	6400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	980	U	980	1600	6400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	1600	6400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	12000	D	1400	1600	6400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	26.49		20-120		66	SPK: -40
4165-62-2	Phenol-d5	22.14		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.3		10-150		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.65		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	19.86		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.98		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.84		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.93		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.99		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	23.04		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	26.61		20-140		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL2			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062769.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	25.17		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	24.57		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.74		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47143	7.905				
1146-65-2	Naphthalene-d8	204180	10.696				
15067-26-2	Acenaphthene-d10	201936	14.533				
1517-22-2	Phenanthrene-d10	531867	17.276				
1719-03-5	Chrysene-d12	582646	21.519				
1520-96-3	Perylene-d12	662517	24.58				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.931	16000	JD			5.931	
	(DEL) Alkane: Cyclic6.189	3800	JD			6.189	
	(DEL) Alkane: Straight-Chain6.466	4300	JD			6.466	
	(DEL) Alkane: Cyclic6.548	5900	JD			6.548	
	(DEL) Alkane: Straight-Chain6.900	6600	JD			6.9	
	(DEL) Alkane: Straight-Chain6.959	6800	JD			6.959	
000620-14-4	Benzene, 1-ethyl-3-methyl-	5800	JD			6.994	
	(DEL) Alkane: Straight-Chain7.065	12000	JD			7.065	
000526-73-8	Benzene, 1,2,3-trimethyl-	4300	JD			7.13	
063621-15-8	2,4-Nonadiyne	4500	JD			7.294	
000109-21-7	Butanoic acid, butyl ester	4400	JD			7.417	
	(DEL) Alkane: Straight-Chain7.535	45000	JD			7.535	
	(DEL) Alkane: Straight-Chain7.823	3600	JD			7.823	
000104-76-7	1-Hexanol, 2-ethyl-	9500	JD			7.964	
000095-63-6	Benzene, 1,2,4-trimethyl-	4600	JD			8.023	
	(DEL) Alkane: Cyclic8.193	4100	JD			8.193	
	(DEL) Alkane: Straight-Chain8.440	7400	JD			8.44	

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL2			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062769.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.499	3700	JD			8.499	
	(DEL) Alkane: Straight-Chain8.563	13000	JD			8.563	
	(DEL) Alkane: Straight-Chain8.669	7000	JD			8.669	
000093-53-8	Benzeneacetaldehyde, .alpha.-methy	4700	JD			8.71	
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	4700	JD			8.904	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	9800	JD			9.004	
	(DEL) Alkane: Straight-Chain9.133	37000	JD			9.133	
	unknown-01	8300	JD			9.256	
	(DEL) Alkane: Cyclic9.838	2900	JD			9.838	
	(DEL) Alkane: Straight-Chain9.979	2900	JD			9.979	
	unknown-02	3700	JD			10.813	
	(DEL) Alkane: Straight-Chain11.072	7800	JD			11.072	
	(DEL) Alkane: Straight-Chain11.724	3400	JD			11.724	
054340-85-1	Benzene, 1-(2-butenyl)-2,3-dimethy	6700	JD			11.795	
	unknown-03	4400	JD			11.959	
	(DEL) Alkane: Straight-Chain12.118	6500	JD			12.118	
	unknown-04	3800	JD			12.153	
	(DEL) Alkane: Straight-Chain13.358	6400	JD			13.358	
000581-42-0	Naphthalene, 2,6-dimethyl-	3100	JD			13.71	
1000432-47-1	3-Isopropyl-6,10-dimethylundecane-	2800	JD			14.022	
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	13000	JD			14.433	
	unknown-05	2600	JD			14.603	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	8600	JD			14.674	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	2700	JD			14.738	
075122-81-5	Methyl 2-diethylamino-3-methyl-but	9300	JD			15.291	
	(DEL) Alkane: Straight-Chain15.385	7400	JD			15.385	
013187-99-0	2-Bromo dodecane	3200	JD			15.79	
	unknown-06	2700	JD			16.16	
	(DEL) Alkane: Straight-Chain16.248	4400	JD			16.248	
	(DEL) Alkane: Straight-Chain17.036	4200	JD			17.036	

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY4DL2			SDG No.:	BG091224
Lab Sample ID:	P3877-11DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062769.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain17.094	3500	JD			17.094	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	2600	JD			17.564	
	(DEL) Alkane: Straight-Chain17.776	3500	JD			17.776	
	(DEL) Alkane: Straight-Chain18.469	2600	JD			18.469	
E966796	Total Alkanes	230000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC10DL			SDG No.:	BG091224
Lab Sample ID:	P3877-19DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062770.D	20	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	680	U	680	170	1700	ug/Kg
100-52-7	Benzaldehyde	1500	U	1500	2100	8300	ug/Kg
110-86-1	Pyridine	1900	U	1900	4200	8300	ug/Kg
108-95-2	Phenol	760	U	760	2100	8300	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	730	U	730	2100	8300	ug/Kg
95-57-8	2-Chlorophenol	710	U	710	1100	4300	ug/Kg
95-48-7	2-Methylphenol	780	U	780	2100	8300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	1000	2100	8300	ug/Kg
98-86-2	Acetophenone	1700	U	1700	2100	8300	ug/Kg
106-44-5	4-Methylphenol	1300	U	1300	2100	8300	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2000	U	2000	1100	4300	ug/Kg
67-72-1	Hexachloroethane	1500	U	1500	1100	4300	ug/Kg
98-95-3	Nitrobenzene	1600	U	1600	1100	4300	ug/Kg
78-59-1	Isophorone	1700	U	1700	1100	4300	ug/Kg
88-75-5	2-Nitrophenol	1500	U	1500	1100	4300	ug/Kg
105-67-9	2,4-Dimethylphenol	810	U	810	1100	4300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100	U	1100	1100	4300	ug/Kg
120-83-2	2,4-Dichlorophenol	960	U	960	1100	4300	ug/Kg
91-20-3	Naphthalene	610	U	610	1100	4300	ug/Kg
106-47-8	4-Chloroaniline	910	U	910	1100	8300	ug/Kg
87-68-3	Hexachlorobutadiene	890	U	890	1100	4300	ug/Kg
105-60-2	Caprolactam	1600	U	1600	2100	8300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1100	4300	ug/Kg
90-12-0	1-Methylnaphthalene	610	U	610	1100	4300	ug/Kg
91-57-6	2-Methylnaphthalene	810	U	810	1100	4300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	U	2500	2100	8300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	610	U	610	1100	4300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	830	U	830	1100	4300	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC10DL			SDG No.:	BG091224
Lab Sample ID:	P3877-19DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062770.D	20	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	660	U	660	1100	4300	ug/Kg
91-58-7	2-Chloronaphthalene	830	U	830	1100	4300	ug/Kg
88-74-4	2-Nitroaniline	1100	U	1100	1100	4300	ug/Kg
131-11-3	Dimethylphthalate	760	U	760	1100	4300	ug/Kg
606-20-2	2,6-Dinitrotoluene	510	U	510	1100	4300	ug/Kg
208-96-8	Acenaphthylene	730	U	730	1100	4300	ug/Kg
99-09-2	3-Nitroaniline	1700	U	1700	2100	8300	ug/Kg
83-32-9	Acenaphthene	660	U	660	1100	4300	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	U	3300	2100	8300	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2100	8300	ug/Kg
132-64-9	Dibenzofuran	680	U	680	1100	4300	ug/Kg
121-14-2	2,4-Dinitrotoluene	890	U	890	1100	4300	ug/Kg
84-66-2	Diethylphthalate	830	U	830	1100	4300	ug/Kg
86-73-7	Fluorene	680	U	680	1100	4300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	510	U	510	1100	4300	ug/Kg
100-01-6	4-Nitroaniline	610	U	610	2100	8300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	960	U	960	2100	8300	ug/Kg
86-30-6	N-Nitrosodiphenylamine	610	U	610	1100	4300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	860	U	860	1100	4300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	660	U	660	1100	4300	ug/Kg
118-74-1	Hexachlorobenzene	710	U	710	1100	4300	ug/Kg
1912-24-9	Atrazine	710	U	710	2100	8300	ug/Kg
87-86-5	Pentachlorophenol	32000	D	2200	2100	8300	ug/Kg
85-01-8	Phenanthrene	680	U	680	1100	4300	ug/Kg
608-93-5	Pentachlorobenzene	940	U	940	1100	4300	ug/Kg
120-12-7	Anthracene	630	U	630	1100	4300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	430	U	430	1100	4300	ug/Kg
86-74-8	Carbazole	860	U	860	2100	8300	ug/Kg
84-74-2	Di-n-butylphthalate	680	U	680	1100	4300	ug/Kg
206-44-0	Fluoranthene	480	U	480	2100	4300	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC10DL			SDG No.:	BG091224
Lab Sample ID:	P3877-19DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062770.D	20	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	460	U	460	1100	4300	ug/Kg
85-68-7	Butylbenzylphthalate	560	U	560	1100	4300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300	U	1300	2100	8300	ug/Kg
56-55-3	Benzo(a)anthracene	580	U	580	1100	4300	ug/Kg
218-01-9	Chrysene	610	U	610	1100	4300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	630	U	630	1100	4300	ug/Kg
117-84-0	Di-n-octyl phthalate	1200	U	1200	2100	8300	ug/Kg
205-99-2	Benzo(b)fluoranthene	940	U	940	1100	4300	ug/Kg
207-08-9	Benzo(k)fluoranthene	960	U	960	1100	4300	ug/Kg
50-32-8	Benzo(a)pyrene	780	U	780	1100	4300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710	U	710	1100	4300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	660	U	660	1100	4300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	810	U	810	1100	4300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2600	JD	910	1100	4300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	6.8	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	18.76		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.66		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.42		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.18		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	18.98		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.6		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.94		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.24		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.46		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	22.3		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	23.82		20-140		60	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC10DL			SDG No.:	BG091224
Lab Sample ID:	P3877-19DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062770.D	20	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	22.78		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	22.4		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.06		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43907	7.9				
1146-65-2	Naphthalene-d8	194961	10.691				
15067-26-2	Acenaphthene-d10	167692	14.528				
1517-22-2	Phenanthrene-d10	513622	17.272				
1719-03-5	Chrysene-d12	552905	21.52				
1520-96-3	Perylene-d12	625355	24.581				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.926	2500	JD			5.926	
000629-82-3	Octane, 1,1-oxybis-	2500	JD			7.066	
	(DEL) Alkane: Straight-Chain7.530	7700	JD			7.53	
000104-76-7	1-Hexanol, 2-ethyl-	3100	JD			7.965	
	(DEL) Alkane: Straight-Chain9.134	6800	JD			9.134	
E966796	Total Alkanes	17000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVZ4DL			SDG No.:	BG091224
Lab Sample ID:	P3877-15DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062771.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	990	U	990	240	2500	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	3000	12000	ug/Kg
110-86-1	Pyridine	2800	U	2800	6100	12000	ug/Kg
108-95-2	Phenol	1100	U	1100	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1600	6300	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500	U	1500	3000	12000	ug/Kg
98-86-2	Acetophenone	2400	U	2400	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1900	U	1900	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2900	U	2900	1600	6300	ug/Kg
67-72-1	Hexachloroethane	2200	U	2200	1600	6300	ug/Kg
98-95-3	Nitrobenzene	2400	U	2400	1600	6300	ug/Kg
78-59-1	Isophorone	2400	U	2400	1600	6300	ug/Kg
88-75-5	2-Nitrophenol	2200	U	2200	1600	6300	ug/Kg
105-67-9	2,4-Dimethylphenol	1200	U	1200	1600	6300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1700	U	1700	1600	6300	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1600	6300	ug/Kg
91-20-3	Naphthalene	880	U	880	1600	6300	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1600	6300	ug/Kg
105-60-2	Caprolactam	2400	U	2400	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500	U	1500	1600	6300	ug/Kg
90-12-0	1-Methylnaphthalene	880	U	880	1600	6300	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1600	6300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	U	3600	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	880	U	880	1600	6300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200	U	1200	1600	6300	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVZ4DL			SDG No.:	BG091224
Lab Sample ID:	P3877-15DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062771.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	960	U	960	1600	6300	ug/Kg
91-58-7	2-Chloronaphthalene	1200	U	1200	1600	6300	ug/Kg
88-74-4	2-Nitroaniline	1700	U	1700	1600	6300	ug/Kg
131-11-3	Dimethylphthalate	1100	U	1100	1600	6300	ug/Kg
606-20-2	2,6-Dinitrotoluene	740	U	740	1600	6300	ug/Kg
208-96-8	Acenaphthylene	1100	U	1100	1600	6300	ug/Kg
99-09-2	3-Nitroaniline	2400	U	2400	3000	12000	ug/Kg
83-32-9	Acenaphthene	960	U	960	1600	6300	ug/Kg
51-28-5	2,4-Dinitrophenol	4800	U	4800	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	3000	12000	ug/Kg
132-64-9	Dibenzofuran	990	U	990	1600	6300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300	U	1300	1600	6300	ug/Kg
84-66-2	Diethylphthalate	1200	U	1200	1600	6300	ug/Kg
86-73-7	Fluorene	990	U	990	1600	6300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	740	U	740	1600	6300	ug/Kg
100-01-6	4-Nitroaniline	880	U	880	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400	U	1400	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	880	U	880	1600	6300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300	U	1300	1600	6300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	960	U	960	1600	6300	ug/Kg
118-74-1	Hexachlorobenzene	1000	U	1000	1600	6300	ug/Kg
1912-24-9	Atrazine	1000	U	1000	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	19000	D	3200	3000	12000	ug/Kg
85-01-8	Phenanthrene	990	U	990	1600	6300	ug/Kg
608-93-5	Pentachlorobenzene	1400	U	1400	1600	6300	ug/Kg
120-12-7	Anthracene	920	U	920	1600	6300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	630	U	630	1600	6300	ug/Kg
86-74-8	Carbazole	1300	U	1300	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	990	U	990	1600	6300	ug/Kg
206-44-0	Fluoranthene	700	U	700	3000	6300	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVZ4DL			SDG No.:	BG091224
Lab Sample ID:	P3877-15DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062771.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	660	U	660	1600	6300	ug/Kg
85-68-7	Butylbenzylphthalate	810	U	810	1600	6300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900	U	1900	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	850	U	850	1600	6300	ug/Kg
218-01-9	Chrysene	880	U	880	1600	6300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	920	U	920	1600	6300	ug/Kg
117-84-0	Di-n-octyl phthalate	1800	U	1800	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400	U	1400	1600	6300	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	U	1400	1600	6300	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1600	6300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000	U	1000	1600	6300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	960	U	960	1600	6300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	1600	6300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600	JD	1300	1600	6300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	20.22		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.12		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.09		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.7		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	17.16		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.89		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.07		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.89		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.83		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.98		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	25.11		20-140		63	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVZ4DL			SDG No.:	BG091224
Lab Sample ID:	P3877-15DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062771.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	25.65		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	24.87		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.36		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46818	7.906				
1146-65-2	Naphthalene-d8	208927	10.697				
15067-26-2	Acenaphthene-d10	196229	14.528				
1517-22-2	Phenanthrene-d10	506829	17.277				
1719-03-5	Chrysene-d12	542974	21.519				
1520-96-3	Perylene-d12	605974	24.58				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.066	3200	JD			7.066	
	(DEL) Alkane: Straight-Chain7.530	10000	JD			7.53	
	(DEL) Alkane: Straight-Chain8.564	3700	JD			8.564	
	(DEL) Alkane: Straight-Chain9.134	7200	JD			9.134	
E966796	Total Alkanes	24000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY1DL			SDG No.:	BG091224
Lab Sample ID:	P3877-06DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062772.D	2	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	68	U	68	16.6	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	210	830	ug/Kg
110-86-1	Pyridine	190	U	190	410	830	ug/Kg
108-95-2	Phenol	75	U	75	210	830	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	73	U	73	210	830	ug/Kg
95-57-8	2-Chlorophenol	70	U	70	110	430	ug/Kg
95-48-7	2-Methylphenol	78	U	78	210	830	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	210	830	ug/Kg
98-86-2	Acetophenone	170	U	170	210	830	ug/Kg
106-44-5	4-Methylphenol	130	U	130	210	830	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	200	U	200	110	430	ug/Kg
67-72-1	Hexachloroethane	150	U	150	110	430	ug/Kg
98-95-3	Nitrobenzene	160	U	160	110	430	ug/Kg
78-59-1	Isophorone	170	U	170	110	430	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	80	U	80	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	96	U	96	110	430	ug/Kg
91-20-3	Naphthalene	60	U	60	110	430	ug/Kg
106-47-8	4-Chloroaniline	90	U	90	110	830	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	110	430	ug/Kg
105-60-2	Caprolactam	160	U	160	210	830	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	140	JD	60	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	220	JD	80	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	210	830	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83	U	83	110	430	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY1DL			SDG No.:	BG091224
Lab Sample ID:	P3877-06DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062772.D	2	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	65	U	65	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	83	U	83	110	430	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	110	430	ug/Kg
131-11-3	Dimethylphthalate	75	U	75	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	110	430	ug/Kg
208-96-8	Acenaphthylene	73	U	73	110	430	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	210	830	ug/Kg
83-32-9	Acenaphthene	65	U	65	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	210	830	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	830	ug/Kg
132-64-9	Dibenzofuran	68	U	68	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	88	U	88	110	430	ug/Kg
84-66-2	Diethylphthalate	83	U	83	110	430	ug/Kg
86-73-7	Fluorene	68	U	68	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	110	430	ug/Kg
100-01-6	4-Nitroaniline	60	U	60	210	830	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	210	830	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	85	U	85	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65	U	65	110	430	ug/Kg
118-74-1	Hexachlorobenzene	70	U	70	110	430	ug/Kg
1912-24-9	Atrazine	70	U	70	210	830	ug/Kg
87-86-5	Pentachlorophenol	6700	D	220	210	830	ug/Kg
85-01-8	Phenanthrene	68	U	68	110	430	ug/Kg
608-93-5	Pentachlorobenzene	93	U	93	110	430	ug/Kg
120-12-7	Anthracene	63	U	63	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	43	U	43	110	430	ug/Kg
86-74-8	Carbazole	85	U	85	210	830	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	110	430	ug/Kg
206-44-0	Fluoranthene	48	U	48	210	430	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY1DL			SDG No.:	BG091224
Lab Sample ID:	P3877-06DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062772.D	2	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	45	U	45	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	55	U	55	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	210	830	ug/Kg
56-55-3	Benzo(a)anthracene	58	U	58	110	430	ug/Kg
218-01-9	Chrysene	60	U	60	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63	U	63	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	210	830	ug/Kg
205-99-2	Benzo(b)fluoranthene	93	U	93	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	96	U	96	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	78	U	78	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70	U	70	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	U	65	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	730	D	90	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.12		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	15.996		20-120		40	SPK: -40
4165-62-2	Phenol-d5	25.68		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.29		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.468		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	26.554		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	29.538		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.252		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.12		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.574		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.972		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.662		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.144		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	28.558		20-140		71	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY1DL			SDG No.:	BG091224
Lab Sample ID:	P3877-06DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062772.D	2	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.528		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	28.298		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	28.702		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.31		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45413	7.901				
1146-65-2	Naphthalene-d8	199701	10.698				
15067-26-2	Acenaphthene-d10	180246	14.529				
1517-22-2	Phenanthrene-d10	506525	17.278				
1719-03-5	Chrysene-d12	538616	21.52				
1520-96-3	Perylene-d12	612786	24.581				
TENTATIVE IDENTIFIED COMPOUNDS							
013831-30-6	Acetic acid, (acetyloxy)-	460	JD			3.665	
000107-92-6	Butanoic acid	1900	JD			4.058	
000565-80-0	3-Pentanone, 2,4-dimethyl-	300	JD			4.364	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	680	A			5.016	
	(DEL) Alkane: Straight-Chain5.927	540	JD			5.927	
000107-41-5	Hexylene glycol	1800	JD			6.215	
	(DEL) Alkane: Straight-Chain6.403	270	JD			6.403	
	(DEL) Alkane: Straight-Chain6.902	260	JD			6.902	
	(DEL) Alkane: Straight-Chain6.961	290	JD			6.961	
019549-80-5	2-Heptanone, 4,6-dimethyl-	280	JD			7.331	
	(DEL) Alkane: Straight-Chain7.531	2000	JD			7.531	
	unknown-01	310	JD			7.831	
000104-76-7	1-Hexanol, 2-ethyl-	780	JD			7.966	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	430	JD			8.324	
	(DEL) Alkane: Straight-Chain8.436	330	JD			8.436	
000141-93-5	Benzene, 1,3-diethyl-	450	JD			8.541	
	(DEL) Alkane: Straight-Chain8.671	300	JD			8.671	

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY1DL			SDG No.:	BG091224
Lab Sample ID:	P3877-06DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062772.D	2	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	1800	JD			9.135	
000149-57-5	Hexanoic acid, 2-ethyl-	690	JD			9.205	
	unknown-02	290	JD			9.252	
015877-57-3	Pentanal, 3-methyl-	520	JD			10.193	
000106-48-9	Phenol, 4-chloro-	210	JD			10.569	
1000484-18-2	1,3-Hexanediol, 2-ethyl- (isomer 1	340	JD			10.98	
	unknown-03	260	JD			11.603	
	(DEL) Alkane: Straight-Chain11.720	200	JD			11.72	
054340-86-2	Benzene, 4-(2-butenyl)-1,2-dimethy	200	JD			11.797	
	(DEL) Alkane: Straight-Chain12.120	440	JD			12.12	
	(DEL) Alkane: Straight-Chain13.359	440	JD			13.359	
000582-16-1	Naphthalene, 2,7-dimethyl-	280	JD			13.706	
000581-40-8	Naphthalene, 2,3-dimethyl-	320	JD			13.853	
1000406-39-0	Octyl tetracosyl ether	200	JD			14.017	
	(DEL) Alkane: Straight-Chain14.435	560	JD			14.435	
	(DEL) Alkane: Cyclic14.617	350	JD			14.617	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	180	JD			14.928	
000941-81-1	4,6,8-Trimethylazulene	360	JD			15.292	
	(DEL) Alkane: Straight-Chain15.386	610	JD			15.386	
	(DEL) Alkane: Straight-Chain15.792	440	JD			15.792	
000119-61-9	Benzophenone	240	JD			15.886	
	(DEL) Alkane: Straight-Chain16.244	530	JD			16.244	
	(DEL) Alkane: Straight-Chain17.037	460	JD			17.037	
	(DEL) Alkane: Straight-Chain17.090	230	JD			17.09	
	(DEL) Alkane: Straight-Chain17.778	410	JD			17.778	
	(DEL) Alkane: Straight-Chain18.471	370	JD			18.471	
	(DEL) Alkane: Straight-Chain19.100	290	JD			19.1	
1000309-39-3	Oxalic acid, decyl 2-ethylhexyl es	330	JD			21.191	
E966796	Total Alkanes	9300	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY2DL2			SDG No.:	BG091224
Lab Sample ID:	P3877-07DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062773.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	990	U	990	240	2500	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	3000	12000	ug/Kg
110-86-1	Pyridine	2800	U	2800	6100	12000	ug/Kg
108-95-2	Phenol	1100	U	1100	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1600	6300	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500	U	1500	3000	12000	ug/Kg
98-86-2	Acetophenone	2400	U	2400	3000	12000	ug/Kg
106-44-5	4-Methylphenol	2000	U	2000	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2900	U	2900	1600	6300	ug/Kg
67-72-1	Hexachloroethane	2200	U	2200	1600	6300	ug/Kg
98-95-3	Nitrobenzene	2400	U	2400	1600	6300	ug/Kg
78-59-1	Isophorone	2400	U	2400	1600	6300	ug/Kg
88-75-5	2-Nitrophenol	2200	U	2200	1600	6300	ug/Kg
105-67-9	2,4-Dimethylphenol	1200	U	1200	1600	6300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1700	U	1700	1600	6300	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1600	6300	ug/Kg
91-20-3	Naphthalene	880	U	880	1600	6300	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1600	6300	ug/Kg
105-60-2	Caprolactam	2400	U	2400	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500	U	1500	1600	6300	ug/Kg
90-12-0	1-Methylnaphthalene	880	U	880	1600	6300	ug/Kg
91-57-6	2-Methylnaphthalene	1800	JD	1200	1600	6300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	U	3600	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	880	U	880	1600	6300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200	U	1200	1600	6300	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY2DL2			SDG No.:	BG091224
Lab Sample ID:	P3877-07DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062773.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	960	U	960	1600	6300	ug/Kg
91-58-7	2-Chloronaphthalene	1200	U	1200	1600	6300	ug/Kg
88-74-4	2-Nitroaniline	1700	U	1700	1600	6300	ug/Kg
131-11-3	Dimethylphthalate	1100	U	1100	1600	6300	ug/Kg
606-20-2	2,6-Dinitrotoluene	740	U	740	1600	6300	ug/Kg
208-96-8	Acenaphthylene	1100	U	1100	1600	6300	ug/Kg
99-09-2	3-Nitroaniline	2400	U	2400	3000	12000	ug/Kg
83-32-9	Acenaphthene	960	U	960	1600	6300	ug/Kg
51-28-5	2,4-Dinitrophenol	4800	U	4800	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	3000	12000	ug/Kg
132-64-9	Dibenzofuran	990	U	990	1600	6300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300	U	1300	1600	6300	ug/Kg
84-66-2	Diethylphthalate	1200	U	1200	1600	6300	ug/Kg
86-73-7	Fluorene	990	U	990	1600	6300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	740	U	740	1600	6300	ug/Kg
100-01-6	4-Nitroaniline	880	U	880	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400	U	1400	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	880	U	880	1600	6300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300	U	1300	1600	6300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	960	U	960	1600	6300	ug/Kg
118-74-1	Hexachlorobenzene	1000	U	1000	1600	6300	ug/Kg
1912-24-9	Atrazine	1000	U	1000	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	67000	D	3200	3000	12000	ug/Kg
85-01-8	Phenanthrene	990	U	990	1600	6300	ug/Kg
608-93-5	Pentachlorobenzene	1400	U	1400	1600	6300	ug/Kg
120-12-7	Anthracene	920	U	920	1600	6300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	630	U	630	1600	6300	ug/Kg
86-74-8	Carbazole	1300	U	1300	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	990	U	990	1600	6300	ug/Kg
206-44-0	Fluoranthene	700	U	700	3000	6300	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY2DL2			SDG No.:	BG091224
Lab Sample ID:	P3877-07DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062773.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	660	U	660	1600	6300	ug/Kg
85-68-7	Butylbenzylphthalate	810	U	810	1600	6300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900	U	1900	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	850	U	850	1600	6300	ug/Kg
218-01-9	Chrysene	880	U	880	1600	6300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	920	U	920	1600	6300	ug/Kg
117-84-0	Di-n-octyl phthalate	1800	U	1800	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400	U	1400	1600	6300	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	U	1400	1600	6300	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1600	6300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000	U	1000	1600	6300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	960	U	960	1600	6300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	1600	6300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5900	JD	1300	1600	6300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	24.69		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.73		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.78		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	25.68		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	30.24		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.39		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.44		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.66		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.28		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	32.25		20-140		81	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY2DL2			SDG No.:	BG091224
Lab Sample ID:	P3877-07DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062773.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	33.81		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	32.01		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.48		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45313	7.906				
1146-65-2	Naphthalene-d8	196597	10.691				
15067-26-2	Acenaphthene-d10	165088	14.528				
1517-22-2	Phenanthrene-d10	437389	17.277				
1719-03-5	Chrysene-d12	486959	21.52				
1520-96-3	Perylene-d12	545500	24.581				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	9200	JD			4.005	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2800	A			5.021	
	(DEL) Alkane: Straight-Chain5.932	6100	JD			5.932	
000107-41-5	Hexylene glycol	5400	JD			6.214	
	unknown-01	2600	JD			6.402	
	(DEL) Alkane: Straight-Chain6.901	2800	JD			6.901	
	(DEL) Alkane: Straight-Chain6.960	3100	JD			6.96	
000620-14-4	Benzene, 1-ethyl-3-methyl-	2600	JD			6.995	
005340-64-7	2,2-Dimethyl-3-octanone	6100	JD			7.066	
	(DEL) Alkane: Straight-Chain7.530	20000	JD			7.53	
000104-76-7	1-Hexanol, 2-ethyl-	7100	JD			7.965	
000135-98-8	Benzene, (1-methylpropyl)-	3400	JD			8.447	
	(DEL) Alkane: Straight-Chain8.564	6200	JD			8.564	
	(DEL) Alkane: Straight-Chain8.670	3000	JD			8.67	
	(DEL) Alkane: Straight-Chain9.128	17000	JD			9.128	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	4000	JD			11.073	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	2700	JD			11.79	

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Report of Analysis

Client:				Date Collected:	9/4/2024 12:00:00 AM
Project:				Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DCVY2DL2			SDG No.:	BG091224
Lab Sample ID:	P3877-07DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062773.D	30	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain12.119	4300	JD			12.119	
	(DEL) Alkane: Straight-Chain13.358	3400	JD			13.358	
	(DEL) Alkane: Straight-Chain14.434	5300	JD			14.434	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	3900	JD			15.291	
	(DEL) Alkane: Straight-Chain15.386	4300	JD			15.386	
	(DEL) Alkane: Straight-Chain16.243	3400	JD			16.243	
	(DEL) Alkane: Straight-Chain17.037	3300	JD			17.037	
	(DEL) Alkane: Straight-Chain17.777	2600	JD			17.777	
E966796	Total Alkanes	85000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AT3			SDG No.:	BG091224
Lab Sample ID:	P3922-09			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062774.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AT3			SDG No.:	BG091224
Lab Sample ID:	P3922-09			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062774.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AT3			SDG No.:	BG091224
Lab Sample ID:	P3922-09			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062774.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7		15-120		88	SPK: -8
7291-22-7	Pyridine-d5	10.402		20-120		26	SPK: -40
4165-62-2	Phenol-d5	11.016		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.409		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.186		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.374		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	29.656		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.208		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.739		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.059		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.485		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.523		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.454		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	30.79		25-125		77	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AT3			SDG No.:	BG091224
Lab Sample ID:	P3922-09			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062774.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.296		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	33.939		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	33.485		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.329		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41647	7.905				
1146-65-2	Naphthalene-d8	186444	10.696				
15067-26-2	Acenaphthene-d10	152027	14.532				
1517-22-2	Phenanthrene-d10	398168	17.276				
1719-03-5	Chrysene-d12	448222	21.518				
1520-96-3	Perylene-d12	534424	24.58				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AW5			SDG No.:	BG091224
Lab Sample ID:	P3922-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062775.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AW5			SDG No.:	BG091224
Lab Sample ID:	P3922-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062775.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AW5			SDG No.:	BG091224
Lab Sample ID:	P3922-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062775.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.259		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	13.194		20-120		33	SPK: -40
4165-62-2	Phenol-d5	8.773		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.423		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.657		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	21.086		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	33.24		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.543		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.517		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.914		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.482		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.968		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.952		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	36.275		25-125		91	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/9/2024 12:00:00 AM
Project:				Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	C0AW5			SDG No.:	BG091224
Lab Sample ID:	P3922-10			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062775.D	1	9/11/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.66		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	36.428		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	37.03		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.033		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42022	7.905				
1146-65-2	Naphthalene-d8	180209	10.696				
15067-26-2	Acenaphthene-d10	163389	14.526				
1517-22-2	Phenanthrene-d10	459653	17.276				
1719-03-5	Chrysene-d12	494742	21.518				
1520-96-3	Perylene-d12	555976	24.579				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AW4			SDG No.:	BG091224
Lab Sample ID:	P3922-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062776.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.2	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.6	5.1	ug/L
95-48-7	2-Methylphenol	0.84	U	0.84	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.91	U	0.91	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.6	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1	U	1	2.6	5.1	ug/L
105-60-2	Caprolactam	3	U	3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.83	U	0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.82	U	0.82	2.6	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AW4			SDG No.:	BG091224
Lab Sample ID:	P3922-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062776.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.9	U	2.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.89	U	0.89	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	0.89	U	0.89	2.6	5.1	ug/L
86-73-7	Fluorene	0.89	U	0.89	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.92	U	0.92	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.6	5.1	ug/L
1912-24-9	Atrazine	0.98	U	0.98	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	5.1	10	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.94	U	0.94	2.6	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.83	U	0.83	2.6	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AW4			SDG No.:	BG091224
Lab Sample ID:	P3922-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062776.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.99	U	0.99	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.6	5.1	ug/L
218-01-9	Chrysene	0.77	U	0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.89	U	0.89	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.302		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	6.516	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	9.728		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.712		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.414		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	22.04		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	34.405		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.705		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.281		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.178		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.378		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	33.036		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.089		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	36.085		25-125		90	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/10/2024 12:00:00 AM
Project:				Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	C0AW4			SDG No.:	BG091224
Lab Sample ID:	P3922-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062776.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.728		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	38.542		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	39.013		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.57		20-130		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43509	7.905				
1146-65-2	Naphthalene-d8	187512	10.696				
15067-26-2	Acenaphthene-d10	170149	14.533				
1517-22-2	Phenanthrene-d10	453904	17.277				
1719-03-5	Chrysene-d12	495072	21.519				
1520-96-3	Perylene-d12	543719	24.58				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS313			SDG No.:	BG091224
Lab Sample ID:	PB163313BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062777.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	24		2.3	5	10	ug/L
110-86-1	Pyridine	31		2.2	10	10	ug/L
108-95-2	Phenol	29		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	32		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	30		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27		1.2	5	10	ug/L
98-86-2	Acetophenone	28		0.89	5	10	ug/L
106-44-5	4-Methylphenol	29		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	31		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	27		0.99	2.5	5	ug/L
78-59-1	Isophorone	28		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	25		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	29		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	31		0.93	2.5	5	ug/L
91-20-3	Naphthalene	29		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		0.98	2.5	5	ug/L
105-60-2	Caprolactam	28		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	31		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	30		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	20		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS313			SDG No.:	BG091224
Lab Sample ID:	PB163313BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062777.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	31		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	29		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	32		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	32		1.5	5	10	ug/L
83-32-9	Acenaphthene	29		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	26		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	30		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	31		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	29		0.87	2.5	5	ug/L
86-73-7	Fluorene	30		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	30		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	34		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	30		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	31		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	30		0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	17		2.5	5	10	ug/L
85-01-8	Phenanthrene	30		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.2	2.5	5	ug/L
120-12-7	Anthracene	30		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		0.92	2.5	5	ug/L
86-74-8	Carbazole	31		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	31		0.65	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS313			SDG No.:	BG091224
Lab Sample ID:	PB163313BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062777.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	34		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	31		0.56	2.5	5	ug/L
218-01-9	Chrysene	30		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	32		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	31		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	31		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	31		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	24		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.098		15-120		101	SPK: -8
7291-22-7	Pyridine-d5	31.53		20-120		79	SPK: -40
4165-62-2	Phenol-d5	28.765		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.449		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.645		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	29.26		25-125		73	SPK: -40
4165-60-0	Nitrobenzene-d5	28.829		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.743		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.365		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.923		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.893		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.985		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.001		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	30.016		25-125		75	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS313			SDG No.:	BG091224
Lab Sample ID:	PB163313BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062777.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163313

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.692		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	29.935		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	30.91		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.182		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48172	7.906				
1146-65-2	Naphthalene-d8	238485	10.697				
15067-26-2	Acenaphthene-d10	201224	14.528				
1517-22-2	Phenanthrene-d10	529586	17.277				
1719-03-5	Chrysene-d12	560417	21.525				
1520-96-3	Perylene-d12	625888	24.581				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS311			SDG No.:	BG091224
Lab Sample ID:	PB163311BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062778.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	29		2.3	5	10	ug/L
110-86-1	Pyridine	37		2.2	10	10	ug/L
108-95-2	Phenol	34		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	33		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	36		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	34		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	32		1.2	5	10	ug/L
98-86-2	Acetophenone	34		0.89	5	10	ug/L
106-44-5	4-Methylphenol	34		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	34		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	37		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	33		0.99	2.5	5	ug/L
78-59-1	Isophorone	32		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	37		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	37		0.93	2.5	5	ug/L
91-20-3	Naphthalene	35		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	28		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	37		0.98	2.5	5	ug/L
105-60-2	Caprolactam	36		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	39		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	37		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	37		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	32		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	34		0.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS311			SDG No.:	BG091224
Lab Sample ID:	PB163311BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062778.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	36		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	38		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	39		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	37		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	37		1.5	5	10	ug/L
83-32-9	Acenaphthene	35		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	32		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	35		1.4	5	10	ug/L
132-64-9	Dibenzofuran	34		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	37		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	34		0.87	2.5	5	ug/L
86-73-7	Fluorene	35		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	35		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	39		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	36		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	36		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	36		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	37		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	37		0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	21		2.5	5	10	ug/L
85-01-8	Phenanthrene	36		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	35		1.2	2.5	5	ug/L
120-12-7	Anthracene	35		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	36		0.92	2.5	5	ug/L
86-74-8	Carbazole	38		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	37		0.65	5	5	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS311			SDG No.:	BG091224
Lab Sample ID:	PB163311BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062778.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	36		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	41		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	39		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	37		0.56	2.5	5	ug/L
218-01-9	Chrysene	37		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	39		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	40		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	38		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	37		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	36		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	38		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	39		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	39		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	29		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	9.521		15-120		119	SPK: -8
7291-22-7	Pyridine-d5	38.223		20-120		96	SPK: -40
4165-62-2	Phenol-d5	34.165		10-130		85	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.879		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.43		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	33.919		25-125		85	SPK: -40
4165-60-0	Nitrobenzene-d5	34.844		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.34		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.273		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.333		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.27		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	35.574		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.733		10-150		89	SPK: -40
81103-79-9	Fluorene-d10	35.55		25-125		89	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/11/2024 12:00:00 AM
Project:				Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	SLCS311			SDG No.:	BG091224
Lab Sample ID:	PB163311BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062778.D	1	9/11/2024 12:00:00 AM	9/13/2024 12:00:00 AM	PB163311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.372		10-130		96	SPK: -40
1719-06-8	Anthracene-d10	35.813		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	36.854		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.176		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42599	7.9				
1146-65-2	Naphthalene-d8	205043	10.691				
15067-26-2	Acenaphthene-d10	175587	14.528				
1517-22-2	Phenanthrene-d10	449324	17.277				
1719-03-5	Chrysene-d12	482191	21.525				
1520-96-3	Perylene-d12	517803	24.581				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BG091224

Client:

Sample ID	Client ID	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**MDL-WATER-QT3-2024-06**							
P3391-02	MDL-WATER-QT3-2024 Water	Total Alkanes	*	0.000		0.99	5	ug/L
		Total Tics :				**0.00**		
P3391-02	MDL-WATER-QT3-2024 Water	1,1-Biphenyl		4.600	J	0.99	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1,2,3,4-Tetrachlorobenzene		4.200	J	0.92	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1,2,4,5-Tetrachlorobenzene		4.700	J	0.9	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1,4-Dioxane		1.400	J	1.2	2	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1-Methylnaphthalene		5.700		1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,2-oxybis(1-Chloropropane)		4.400	J	1.2	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,3,4,6-Tetrachlorophenol		4.700	J	1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4,5-Trichlorophenol		4.600	J	0.8	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4,6-Trichlorophenol		4.500	J	0.81	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4-Dichlorophenol		4.700	J	0.93	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4-Dimethylphenol		1.900	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4-Dinitrophenol		6.000	J	2.8	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4-Dinitrotoluene		4.500	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,6-Dinitrotoluene		4.400	J	1.3	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Chloronaphthalene		4.800	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Chlorophenol		4.500	J	1.2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Methylnaphthalene		5.700		1.6	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Methylphenol		4.200	J	0.82	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Nitroaniline		4.200	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Nitrophenol		4.800	J	1.2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	3,3-Dichlorobenzidine		5.500	J	1.7	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	3-Nitroaniline		4.100	J	1.5	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4,6-Dinitro-2-methylphenol		4.600	J	1.2	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Bromophenyl-phenylether		4.600	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Chloro-3-methylphenol		5.100		2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Chloroaniline		4.200	J	1.8	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Chlorophenyl-phenylether		4.900	J	0.96	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Methylphenol		4.100	J	1.2	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Nitroaniline		4.100	J	1.2	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Nitrophenol		4.400	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Acenaphthene		4.700	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Acenaphthylene		4.800	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Acetophenone		4.400	J	0.89	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Anthracene		4.200	J	0.72	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Atrazine		4.700	J	0.96	10	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BG091224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3391-02	MDL-WATER-QT3-2024 Water	Benzaldehyde	4.800	J	2.3	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(a)anthracene	4.600	J	0.56	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(a)pyrene	4.800	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(b)fluoranthene	4.900	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(g,h,i)perylene	5.000		1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(k)fluoranthene	4.800	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Bis(2-Chloroethoxy)methane	4.200	J	1.2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Bis(2-Chloroethyl)ether	4.400	J	1.3	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Bis(2-ethylhexyl)phthalate	4.800	J	0.87	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Butylbenzylphthalate	4.600	J	0.97	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Caprolactam	7.400	J	2.9	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Carbazole	4.700	J	1	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Chrysene	4.700	J	0.75	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Di-n-butylphthalate	4.500	J	0.81	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Di-n-octyl phthalate	4.900	J	1.5	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Dibenzo(a,h)anthracene	4.900	J	1.2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Dibenzofuran	4.600	J	0.87	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Diethylphthalate	4.500	J	0.87	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Dimethylphthalate	4.400	J	1.3	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Fluoranthene	4.600	J	0.65	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Fluorene	4.800	J	0.87	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachlorobenzene	4.800	J	0.56	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachlorobutadiene	4.900	J	0.98	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachlorocyclopentadiene	4.400	J	3.1	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachloroethane	4.600	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Indeno(1,2,3-cd)pyrene	4.700	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Isophorone	4.200	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	N-Nitroso-di-n-propylamine	4.100	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	N-Nitrosodiphenylamine	4.300	J	0.71	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Naphthalene	4.700	J	0.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Nitrobenzene	4.900	J	0.99	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pentachlorobenzene	4.600	J	1.2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pentachlorophenol	6.600	J	2.5	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Phenanthrene	4.700	J	0.97	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Phenol	4.300	J	1.5	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pyrene	4.700	J	0.53	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pyridine	5.300	J	2.2	10	ug/L
		Total Svoc :	**333.60**				
		Total Concentration:	**333.60**				

Client ID : DCVY1DL

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Hit Summary Sheet
SW-846

SDG No.: BG091224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Cyclic14.617	*	350.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain11.7	*	200.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain12.1	*	440.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain13.3	*	440.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain14.4	*	560.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain15.3	*	610.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain15.7	*	440.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain16.2	*	530.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain17.0	*	460.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain17.0	*	230.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain17.7	*	410.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain18.4	*	370.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain19.1	*	290.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain5.92	*	540.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain6.40	*	270.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain6.90	*	260.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain6.96	*	290.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain7.53	*	2,000.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain8.43	*	330.000	JD			
P3877-06DL	DCVY1DL	Solid	(DEL) Alkane: Straight-Chain8.67	*	300.000	JD			
P3877-06DL	DCVY1DL	Solid	1,3-Hexanediol, 2-ethyl- (isomer 1	*	340.000	JD			
P3877-06DL	DCVY1DL	Solid	1-Hexanol, 2-ethyl-	*	780.000	JD			
P3877-06DL	DCVY1DL	Solid	2-Heptanone, 4,6-dimethyl-	*	280.000	JD			
P3877-06DL	DCVY1DL	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	680.000	A			
P3877-06DL	DCVY1DL	Solid	3-Pentanone, 2,4-dimethyl-	*	300.000	JD			
P3877-06DL	DCVY1DL	Solid	4,6,8-Trimethylazulene	*	360.000	JD			
P3877-06DL	DCVY1DL	Solid	Acetic acid, (acetyloxy)-	*	460.000	JD			
P3877-06DL	DCVY1DL	Solid	Benzene, 1,3-diethyl-	*	450.000	JD			
P3877-06DL	DCVY1DL	Solid	Benzene, 4-(2-butenyl)-1,2-dimetl	*	200.000	JD			
P3877-06DL	DCVY1DL	Solid	Benzophenone	*	240.000	JD			
P3877-06DL	DCVY1DL	Solid	Butanoic acid	*	1,900.000	JD			
P3877-06DL	DCVY1DL	Solid	Carbonic acid, prop-1-en-2-yl trid	*	1,800.000	JD			
P3877-06DL	DCVY1DL	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	430.000	JD			
P3877-06DL	DCVY1DL	Solid	Hexanoic acid, 2-ethyl-	*	690.000	JD			
P3877-06DL	DCVY1DL	Solid	Hexylene glycol	*	1,800.000	JD			
P3877-06DL	DCVY1DL	Solid	Naphthalene, 2,3,6-trimethyl-	*	180.000	JD			
P3877-06DL	DCVY1DL	Solid	Naphthalene, 2,3-dimethyl-	*	320.000	JD			
P3877-06DL	DCVY1DL	Solid	Naphthalene, 2,7-dimethyl-	*	280.000	JD			
P3877-06DL	DCVY1DL	Solid	Octyl tetracosyl ether	*	200.000	JD			
P3877-06DL	DCVY1DL	Solid	Oxalic acid, decyl 2-ethylhexyl es	*	330.000	JD			

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Hit Summary Sheet
SW-846

SDG No.: BG091224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3877-06DL	DCVY1DL	Solid	Pentanal, 3-methyl-	*	520.000	JD			
P3877-06DL	DCVY1DL	Solid	Phenol, 4-chloro-	*	210.000	JD			
P3877-06DL	DCVY1DL	Solid	unknown-01	*	310.000	JD			
P3877-06DL	DCVY1DL	Solid	unknown-02	*	290.000	JD			
P3877-06DL	DCVY1DL	Solid	unknown-03	*	260.000	JD			
P3877-06DL	DCVY1DL	Solid	Total Alkanes	*	9,300.000	D	65	430	ug/Kg
			Total Tics :		**32,230.00**				
P3877-06DL	DCVY1DL	Solid	1-Methylnaphthalene		140.000	JD	60	430	ug/Kg
P3877-06DL	DCVY1DL	Solid	2,3,4,6-Tetrachlorophenol		730.000	D	90	430	ug/Kg
P3877-06DL	DCVY1DL	Solid	2-Methylnaphthalene		220.000	JD	80	430	ug/Kg
P3877-06DL	DCVY1DL	Solid	Pentachlorophenol		6,700.000	D	220	830	ug/Kg
			Total Svoc :		**7,790.00**				
			Total Concentration:		**40,020.00**				
Client ID :	**DCVY2DL2**								
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain12.1	*	4,300.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain13.3	*	3,400.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain14.4	*	5,300.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain15.3	*	4,300.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain16.2	*	3,400.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain17.0	*	3,300.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain17.7	*	2,600.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain5.93	*	6,100.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain6.90	*	2,800.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain6.96	*	3,100.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain7.53	*	20,000.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain8.56	*	6,200.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain8.67	*	3,000.000	JD			
P3877-07DL2	DCVY2DL2	Solid	(DEL) Alkane: Straight-Chain9.12	*	17,000.000	JD			
P3877-07DL2	DCVY2DL2	Solid	1-Hexanol, 2-ethyl-	*	7,100.000	JD			
P3877-07DL2	DCVY2DL2	Solid	2,2-Dimethyl-3-octanone	*	6,100.000	JD			
P3877-07DL2	DCVY2DL2	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	4,000.000	JD			
P3877-07DL2	DCVY2DL2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	2,800.000	A			
P3877-07DL2	DCVY2DL2	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-	*	3,900.000	JD			
P3877-07DL2	DCVY2DL2	Solid	Benzene, (1-methylpropyl)-	*	3,400.000	JD			
P3877-07DL2	DCVY2DL2	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	2,700.000	JD			
P3877-07DL2	DCVY2DL2	Solid	Benzene, 1-ethyl-3-methyl-	*	2,600.000	JD			
P3877-07DL2	DCVY2DL2	Solid	Butanoic acid	*	9,200.000	JD			
P3877-07DL2	DCVY2DL2	Solid	Hexylene glycol	*	5,400.000	JD			
P3877-07DL2	DCVY2DL2	Solid	unknown-01	*	2,600.000	JD			
P3877-07DL2	DCVY2DL2	Solid	Total Alkanes	*	85,000.000	D	960	6300	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BG091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	**219,600.00**				
P3877-07DL2	DCVY2DL2	Solid	2,3,4,6-Tetrachlorophenol	5,900.000	JD	1300	6300	ug/Kg
P3877-07DL2	DCVY2DL2	Solid	2-Methylnaphthalene	1,800.000	JD	1200	6300	ug/Kg
P3877-07DL2	DCVY2DL2	Solid	Pentachlorophenol	67,000.000	D	3200	12000	ug/Kg
			Total Svoc :	**74,700.00**				
			Total Concentration:	**294,300.00**				
Client ID :	**DCVY4DL**							
P3877-11DL	DCVY4DL	Solid	(3,5-Difluorophenyl)diethylamine *	8,000.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Cyclic6.551 *	4,200.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Cyclic8.196 *	2,900.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain10.1 *	1,300.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain11.7 *	1,700.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain12.1 *	3,500.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain12.9 *	1,300.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain13.0 *	1,800.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain13.3 *	6,500.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain15.3 *	6,900.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain15.7 *	3,100.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain15.8 *	1,900.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain16.2 *	4,400.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain17.0 *	3,900.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain17.7 *	3,300.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain18.4 *	2,100.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain19.1 *	1,700.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain20.2 *	1,900.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain20.7 *	880.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain21.7 *	920.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain22.2 *	1,200.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain5.92 *	12,000.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain6.39 *	2,300.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain6.46 *	3,200.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain6.80 *	2,400.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain6.90 *	4,600.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain6.96 *	5,100.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain7.53 *	33,000.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain8.43 *	5,900.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain8.49 *	2,400.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain8.67 *	4,700.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain9.13 *	26,000.000	JD			
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain9.69 *	870.000	JD			

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Hit Summary Sheet
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SDG No.: BG091224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3877-11DL	DCVY4DL	Solid	(DEL) Alkane: Straight-Chain9.8	*	1,300.000	JD			
P3877-11DL	DCVY4DL	Solid	1,2,3,4,5,6,7,8-Octahydro-1-methy	*	2,000.000	JD			
P3877-11DL	DCVY4DL	Solid	1-Isobutoxy-2-ethylhexane	*	7,700.000	JD			
P3877-11DL	DCVY4DL	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	3,900.000	JD			
P3877-11DL	DCVY4DL	Solid	2-Methylidene-hydrazono-3-meth	*	2,300.000	JD			
P3877-11DL	DCVY4DL	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-	*	2,100.000	JD			
P3877-11DL	DCVY4DL	Solid	3-Methyl-4-(methoxycarbonyl)he:	*	2,900.000	JD			
P3877-11DL	DCVY4DL	Solid	4b,5,6,7,8,8a,9,10-Octahydro-1-m	*	1,500.000	JD			
P3877-11DL	DCVY4DL	Solid	Benzene, 1,2,3-trimethyl-	*	3,200.000	JD			
P3877-11DL	DCVY4DL	Solid	Benzene, 1-(2-butenyl)-2,3-dimetl	*	3,300.000	JD			
P3877-11DL	DCVY4DL	Solid	Benzene, 1-ethyl-2-methyl-	*	3,400.000	JD			
P3877-11DL	DCVY4DL	Solid	Benzene, 1-ethyl-3-methyl-	*	4,100.000	JD			
P3877-11DL	DCVY4DL	Solid	Benzene, 1-methyl-4-propyl-	*	3,600.000	JD			
P3877-11DL	DCVY4DL	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	2,400.000	JD			
P3877-11DL	DCVY4DL	Solid	Mesitylene	*	3,500.000	JD			
P3877-11DL	DCVY4DL	Solid	Naphthalene, 1,4,6-trimethyl-	*	8,700.000	JD			
P3877-11DL	DCVY4DL	Solid	Naphthalene, 1,6,7-trimethyl-	*	1,700.000	JD			
P3877-11DL	DCVY4DL	Solid	Naphthalene, 2,3-dimethyl-	*	2,300.000	JD			
P3877-11DL	DCVY4DL	Solid	Naphthalene, 2,7-dimethyl-	*	2,600.000	JD			
P3877-11DL	DCVY4DL	Solid	o-Cymene	*	3,200.000	JD			
P3877-11DL	DCVY4DL	Solid	Oxalic acid, 2-ethylhexyl isohexyl	*	2,900.000	JD			
P3877-11DL	DCVY4DL	Solid	Oxalic acid, 2-ethylhexyl tetradec	*	1,500.000	JD			
P3877-11DL	DCVY4DL	Solid	Oxalic acid, cyclobutyl tridecyl e	*	3,000.000	JD			
P3877-11DL	DCVY4DL	Solid	Silane, dimethyl(3-ethylphenoxy)(	*	2,200.000	JD			
P3877-11DL	DCVY4DL	Solid	Sulfurous acid, decyl 2-ethylhexyl	*	12,000.000	JD			
P3877-11DL	DCVY4DL	Solid	unknown-01	*	3,000.000	JD			
P3877-11DL	DCVY4DL	Solid	unknown-02	*	6,000.000	JD			
P3877-11DL	DCVY4DL	Solid	unknown-03	*	1,900.000	JD			
P3877-11DL	DCVY4DL	Solid	unknown-04	*	2,300.000	JD			
P3877-11DL	DCVY4DL	Solid	unknown-05	*	1,500.000	JD			
P3877-11DL	DCVY4DL	Solid	Total Alkanes	*	160,000.000	D	330	2100	ug/Kg
			Total Tics :		**427,870.00**				
P3877-11DL	DCVY4DL	Solid	1-Methylnaphthalene		1,800.000	JD	300	2100	ug/Kg
P3877-11DL	DCVY4DL	Solid	2,3,4,6-Tetrachlorophenol		12,000.000	D	450	2100	ug/Kg
P3877-11DL	DCVY4DL	Solid	2-Methylnaphthalene		3,100.000	D	400	2100	ug/Kg
P3877-11DL	DCVY4DL	Solid	Naphthalene		1,600.000	JD	300	2100	ug/Kg
P3877-11DL	DCVY4DL	Solid	Pentachlorophenol		160,000.000	ED	1100	4200	ug/Kg
			Total Svoc :		**178,500.00**				
			Total Concentration:		**606,370.00**				

Client ID : DCVY4DL2

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Hit Summary Sheet
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SDG No.: BG091224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Cyclic6.189	*	3,800.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Cyclic6.548	*	5,900.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Cyclic8.193	*	4,100.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Cyclic9.838	*	2,900.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain11.(	*	7,800.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain11.7	*	3,400.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain12.1	*	6,500.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain13.3	*	6,400.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain15.3	*	7,400.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain16.2	*	4,400.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain17.(	*	4,200.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain17.(	*	3,500.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain17.7	*	3,500.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain18.4	*	2,600.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain5.93	*	16,000.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain6.4(	*	4,300.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain6.9(	*	6,600.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain6.95	*	6,800.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain7.0(	*	12,000.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain7.53	*	45,000.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain7.82	*	3,600.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain8.44	*	7,400.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain8.49	*	3,700.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain8.5(	*	13,000.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain8.6(	*	7,000.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain9.13	*	37,000.000	JD			
P3877-11DL2	DCVY4DL2	Solid	(DEL) Alkane: Straight-Chain9.97	*	2,900.000	JD			
P3877-11DL2	DCVY4DL2	Solid	1-Hexanol, 2-ethyl-	*	9,500.000	JD			
P3877-11DL2	DCVY4DL2	Solid	2,4-Nonadiyne	*	4,500.000	JD			
P3877-11DL2	DCVY4DL2	Solid	2-Bromo dodecane	*	3,200.000	JD			
P3877-11DL2	DCVY4DL2	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-	*	8,600.000	JD			
P3877-11DL2	DCVY4DL2	Solid	3-Isopropyl-6,10-dimethylundecai	*	2,800.000	JD			
P3877-11DL2	DCVY4DL2	Solid	9,9-Dimethyl-9-sila-9,10-dihydro	*	2,600.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Benzene, 1,2,3-trimethyl-	*	4,300.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Benzene, 1,2,4-trimethyl-	*	4,600.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Benzene, 1-(2-butenyl)-2,3-dimetl	*	6,700.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Benzene, 1-ethyl-3-methyl-	*	5,800.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Benzene, 2-ethyl-1,3-dimethyl-	*	4,700.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	9,800.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Benzeneacetaldehyde, .alpha.-met	*	4,700.000	JD			

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Hit Summary Sheet
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SDG No.: BG091224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3877-11DL2	DCVY4DL2	Solid	Butanoic acid, butyl ester	*	4,400.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Methyl 2-diethylamino-3-methyl-l	*	9,300.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Naphthalene, 1,6,7-trimethyl-	*	2,700.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Naphthalene, 2,6-dimethyl-	*	3,100.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Sulfurous acid, 2-ethylhexyl nony	*	13,000.000	JD			
P3877-11DL2	DCVY4DL2	Solid	unknown-01	*	8,300.000	JD			
P3877-11DL2	DCVY4DL2	Solid	unknown-02	*	3,700.000	JD			
P3877-11DL2	DCVY4DL2	Solid	unknown-03	*	4,400.000	JD			
P3877-11DL2	DCVY4DL2	Solid	unknown-04	*	3,800.000	JD			
P3877-11DL2	DCVY4DL2	Solid	unknown-05	*	2,600.000	JD			
P3877-11DL2	DCVY4DL2	Solid	unknown-06	*	2,700.000	JD			
P3877-11DL2	DCVY4DL2	Solid	Total Alkanes	*	230,000.000	D	980	6400	ug/Kg
			Total Tics :		**591,500.00**				
P3877-11DL2	DCVY4DL2	Solid	1-Methylnaphthalene		2,100.000	JD	910	6400	ug/Kg
P3877-11DL2	DCVY4DL2	Solid	2,3,4,6-Tetrachlorophenol		12,000.000	D	1400	6400	ug/Kg
P3877-11DL2	DCVY4DL2	Solid	2-Methylnaphthalene		3,500.000	JD	1200	6400	ug/Kg
P3877-11DL2	DCVY4DL2	Solid	Naphthalene		1,600.000	JD	910	6400	ug/Kg
P3877-11DL2	DCVY4DL2	Solid	Pentachlorophenol		160,000.000	D	3300	12000	ug/Kg
			Total Svoc :		**179,200.00**				
			Total Concentration:		**770,700.00**				
Client ID :	**DCVZ4DL**								
P3877-15DL	DCVZ4DL	Solid	(DEL) Alkane: Straight-Chain7.0(	*	3,200.000	JD			
P3877-15DL	DCVZ4DL	Solid	(DEL) Alkane: Straight-Chain7.5:	*	10,000.000	JD			
P3877-15DL	DCVZ4DL	Solid	(DEL) Alkane: Straight-Chain8.5(	*	3,700.000	JD			
P3877-15DL	DCVZ4DL	Solid	(DEL) Alkane: Straight-Chain9.1:	*	7,200.000	JD			
P3877-15DL	DCVZ4DL	Solid	Total Alkanes	*	24,000.000	D	960	6300	ug/Kg
			Total Tics :		**48,100.00**				
P3877-15DL	DCVZ4DL	Solid	2,3,4,6-Tetrachlorophenol		1,600.000	JD	1300	6300	ug/Kg
P3877-15DL	DCVZ4DL	Solid	Pentachlorophenol		19,000.000	D	3200	12000	ug/Kg
			Total Svoc :		**20,600.00**				
			Total Concentration:		**68,700.00**				
Client ID :	**DDC10DL**								
P3877-19DL	DDC10DL	Solid	(DEL) Alkane: Straight-Chain5.9:	*	2,500.000	JD			
P3877-19DL	DDC10DL	Solid	(DEL) Alkane: Straight-Chain7.5:	*	7,700.000	JD			
P3877-19DL	DDC10DL	Solid	(DEL) Alkane: Straight-Chain9.1:	*	6,800.000	JD			
P3877-19DL	DDC10DL	Solid	1-Hexanol, 2-ethyl-	*	3,100.000	JD			
P3877-19DL	DDC10DL	Solid	Octane, 1,1-oxybis-	*	2,500.000	JD			
P3877-19DL	DDC10DL	Solid	Total Alkanes	*	17,000.000	D	660	4300	ug/Kg
			Total Tics :		**39,600.00**				
P3877-19DL	DDC10DL	Solid	2,3,4,6-Tetrachlorophenol		2,600.000	JD	910	4300	ug/Kg

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Hit Summary Sheet
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SDG No.: BG091224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3877-19DL	DDC10DL	Solid	Pentachlorophenol		32,000.000	D	2200	8300	ug/Kg
			Total Svoc :		**34,600.00**				
			Total Concentration:		**74,200.00**				
Client ID :	**C0AN7**								
P3922-01	C0AN7	Water	(DEL) Alkane: Cyclic22.750	*	5.000	J			
P3922-01	C0AN7	Water	(DEL) Alkane: Straight-Chain22.3	*	3.400	J			
P3922-01	C0AN7	Water	(DEL) Alkane: Straight-Chain23.7	*	2.400	J			
P3922-01	C0AN7	Water	(DEL) Alkane: Straight-Chain25.3	*	2.900	J			
P3922-01	C0AN7	Water	(S)-(+)-1,2-Propanediol	*	3.600	J			
P3922-01	C0AN7	Water	.gamma.-Sitosterol	*	9.900	J			
P3922-01	C0AN7	Water	1-Phenoxypropan-2-ol	*	4.800	J			
P3922-01	C0AN7	Water	2H-Cyclopropa[a]naphthalen-2-or	*	39.000	J			
P3922-01	C0AN7	Water	Cholesterol	*	3.400	J			
P3922-01	C0AN7	Water	dl-.alpha.-Tocopherol	*	2.000	J			
P3922-01	C0AN7	Water	Heptadecyl heptafluorobutyrate	*	6.400	J			
P3922-01	C0AN7	Water	n-Hexadecanoic acid	*	7.200	J			
P3922-01	C0AN7	Water	Naphthalene, 1-(4-methylphenyl)-	*	11.000	J			
P3922-01	C0AN7	Water	Stigmasterol	*	3.500	J			
P3922-01	C0AN7	Water	unknown-01	*	2.600	J			
P3922-01	C0AN7	Water	unknown-02	*	4.600	J			
P3922-01	C0AN7	Water	unknown-03	*	4.500	J			
P3922-01	C0AN7	Water	unknown-04	*	2.600	J			
P3922-01	C0AN7	Water	Total Alkanes	*	14.000		0.99	5	ug/L
			Total Tics :		**132.80**				
			Total Concentration:		**132.80**				
Client ID :	**C0AT5**								
P3922-05	C0AT5	Water	(DEL) Alkane: Cyclic3.623	*	3.200	J			
P3922-05	C0AT5	Water	1-Methylindan-2-one	*	4.800	J			
P3922-05	C0AT5	Water	1-Phenyl-1-butene	*	35.000	J			
P3922-05	C0AT5	Water	1H-Imidazole, 4,5-dihydro-2-pher	*	2.100	J			
P3922-05	C0AT5	Water	7-Methylindan-1-one	*	3.300	J			
P3922-05	C0AT5	Water	Benzene, (1-methylethyl)-	*	31.000	J			
P3922-05	C0AT5	Water	Benzene, 1,2,3,5-tetramethyl-	*	13.000	J			
P3922-05	C0AT5	Water	Benzene, 1,2,3-trimethyl-	*	23.000	J			
P3922-05	C0AT5	Water	Benzene, 1,2,4,5-tetramethyl-	*	18.000	J			
P3922-05	C0AT5	Water	Benzene, 1,2-diethyl-	*	7.600	J			
P3922-05	C0AT5	Water	Benzene, 1-ethenyl-4-ethyl-	*	8.700	J			
P3922-05	C0AT5	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	7.800	J			
P3922-05	C0AT5	Water	Benzene, 1-methyl-4-(1-methylpr	*	2.300	J			

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Hit Summary Sheet
SW-846

SDG No.: BG091224

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P3922-05	C0AT5	Water	Benzene, 1-methyl-4-propyl-	*	4.300	J			
P3922-05	C0AT5	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	9.200	J			
P3922-05	C0AT5	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	3.000	J			
P3922-05	C0AT5	Water	Benzene, propyl-	*	48.000	J			
P3922-05	C0AT5	Water	Benzoic acid, 2,4,5-trimethyl-	*	4.200	J			
P3922-05	C0AT5	Water	Benzoic acid, 2,4,6-trimethyl-	*	5.900	J			
P3922-05	C0AT5	Water	Benzoic acid, 2,4-dimethyl-	*	2.200	J			
P3922-05	C0AT5	Water	Benzoic acid, p-tert-butyl-	*	4.100	J			
P3922-05	C0AT5	Water	Ethyl o-methylbenzoate	*	6.900	J			
P3922-05	C0AT5	Water	Ethylbenzene	*	18.000	J			
P3922-05	C0AT5	Water	Indane	*	35.000	J			
P3922-05	C0AT5	Water	Indane-5-carboxylic acid	*	2.700	J			
P3922-05	C0AT5	Water	Mesitylene	*	55.000	J			
P3922-05	C0AT5	Water	n-Hexadecanoic acid	*	2.400	J			
P3922-05	C0AT5	Water	p-Mentha-1,5,8-triene	*	10.000	J			
P3922-05	C0AT5	Water	p-Xylene	*	4.200	J			
P3922-05	C0AT5	Water	Tributyl phosphate	*	2.000	J			
P3922-05	C0AT5	Water	unknown-01	*	2.600	J			
P3922-05	C0AT5	Water	Total Alkanes	*	3.200		0.99	5	ug/L
			Total Tics :		**382.70**				
P3922-05	C0AT5	Water	Naphthalene		40.000		0.7	5	ug/L
			Total Svoc :		**40.00**				
			Total Concentration:		**422.70**				
Client ID :	**C0AR9**								
P3922-06	C0AR9	Water	Benzothiazole	*	3.000	J			
P3922-06	C0AR9	Water	Diethyltoluamide	*	4.100	J			
P3922-06	C0AR9	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :		**7.10**				
			Total Concentration:		**7.10**				
Client ID :	**C0AS7**								
P3922-07	C0AS7	Water	Hexanoic acid	*	3.900	J			
P3922-07	C0AS7	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :		**3.90**				
			Total Concentration:		**3.90**				
Client ID :	**C0AS9**								
P3922-08	C0AS9	Water	(DEL) Alkane: Straight-Chain21.1	*	2.100	J			
P3922-08	C0AS9	Water	Total Alkanes	*	2.100		0.99	5	ug/L
			Total Tics :		**4.20**				
			Total Concentration:		**4.20**				

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Hit Summary Sheet
SW-846

SDG No.: BG091224

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**C0AT3**								
P3922-09	C0AT3	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**C0AW5**								
P3922-10	C0AW5	Water	Total Alkanes	*	0.000		0.99	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**C0AW4**								
P3922-11	C0AW4	Water	Total Alkanes	*	0.000		1	5.1	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG090924 SAS No.: BG090924 SDG No.: BG090924

Instrument ID: Calibration Date(s): 9/9/2024 1:

Calibration Time(s): 14:21

LAB FILE ID: RRFAL1 = BG062688.D RRFAL2 = BG062689.D RRFAL3 = BG062690.D
RRFAL4 = BG062691.D RRFAL5 = BG062692.D RRFAL6 = BG062693.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.446	0.611	0.434	0.501	0.488		0.496	14.2
Benzaldehyde		1.063	1.183	1.052	0.806	0.716	0.964	20.2
Pyridine		1.545	1.384	1.478	1.516	1.462	1.477	4.1
Hexachloroethane	0.472	0.565	0.513	0.543	0.535		0.526	6.7
Nitrobenzene	0.336	0.408	0.387	0.400	0.403		0.387	7.6
Isophorone	0.716	0.840	0.788	0.795	0.815		0.791	5.9
2-Nitrophenol	0.141	0.180	0.172	0.182	0.186		0.172	10.5
2,4-Dimethylphenol	0.331	0.388	0.364	0.372	0.385		0.368	6.2
Bis(2-Chloroethoxy)methane	0.411	0.474	0.438	0.443	0.443		0.442	5.1
2,4-Dichlorophenol	0.292	0.354	0.332	0.347	0.351		0.335	7.6
Naphthalene	1.016	1.177	1.049	1.069	1.051		1.072	5.7
4-Chloroaniline		0.497	0.447	0.470	0.479	0.435	0.465	5.4
Hexachlorobutadiene	0.266	0.301	0.272	0.280	0.277		0.279	4.7
Phenol		1.803	1.757	1.797	1.874	1.884	1.823	3.0
Caprolactam		0.134	0.120	0.123	0.124	0.118	0.124	5.0
4-Chloro-3-methylphenol	0.330	0.387	0.353	0.377	0.383		0.366	6.6
1-Methylnaphthalene	0.778	0.867	0.797	0.808	0.804		0.811	4.1
2-Methylnaphthalene	0.743	0.841	0.784	0.798	0.791		0.791	4.4
Hexachlorocyclopentadiene		0.323	0.326	0.351	0.366	0.393	0.352	8.2
2,4,6-Trichlorophenol	0.379	0.432	0.407	0.433	0.431		0.416	5.6
2,4,5-Trichlorophenol	0.389	0.469	0.443	0.464	0.472		0.447	7.7
1,1-Biphenyl	1.349	1.544	1.376	1.398	1.365		1.406	5.6
2-Chloronaphthalene	1.081	1.226	1.129	1.158	1.125		1.144	4.7
2-Nitroaniline	0.256	0.321	0.305	0.340	0.346		0.314	11.4
Bis(2-Chloroethyl)ether		1.455	1.370	1.362	1.375	1.328	1.378	3.4
Dimethylphthalate	1.504	1.778	1.539	1.587	1.522		1.586	7.1
2,6-Dinitrotoluene	0.218	0.294	0.277	0.300	0.308		0.279	12.9
Acenaphthylene	1.715	1.989	1.780	1.818	1.728		1.806	6.1
3-Nitroaniline		0.297	0.283	0.292	0.266	0.260	0.280	5.8
Acenaphthene	1.227	1.414	1.248	1.271	1.236		1.279	6.0
2,4-Dinitrophenol		0.141	0.154	0.192	0.207	0.228	0.185	19.6
4-Nitrophenol		0.242	0.219	0.238	0.242	0.234	0.235	4.0
Dibenzofuran	1.829	2.091	1.889	1.889	1.803		1.900	6.0
2,4-Dinitrotoluene	0.360	0.460	0.428	0.462	0.475		0.437	10.6
Diethylphthalate	1.476	1.760	1.536	1.559	1.493		1.565	7.3
2-Chlorophenol	1.168	1.311	1.296	1.355	1.400		1.306	6.7

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG090924 SAS No.: BG090924 SDG No.: BG090924

Instrument ID: Calibration Date(s): 9/9/2024 1:

Calibration Time(s): 14:21

LAB FILE ID: RRFAL1 = BG062688.D RRFAL2 = BG062689.D RRFAL3 = BG062690.D
RRFAL4 = BG062691.D RRFAL5 = BG062692.D RRFAL6 = BG062693.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.486	1.657	1.457	1.482	1.381		1.493	6.8
4-Chlorophenyl-phenylether	0.857	0.981	0.860	0.862	0.818		0.876	7.1
4-Nitroaniline		0.328	0.309	0.319	0.278	0.271	0.301	8.3
4,6-Dinitro-2-methylphenol		0.108	0.111	0.123	0.129	0.126	0.119	8.1
N-Nitrosodiphenylamine	0.483	0.542	0.506	0.523	0.511		0.513	4.3
1,2,4,5-Tetrachlorobenzene	0.638	0.744	0.677	0.699	0.680		0.688	5.6
4-Bromophenyl-phenylether	0.216	0.248	0.223	0.234	0.229		0.230	5.1
Hexachlorobenzene	0.253	0.277	0.258	0.267	0.260		0.263	3.5
Atrazine		0.258	0.225	0.232	0.230	0.197	0.228	9.4
Pentachlorophenol		0.141	0.144	0.165	0.170	0.167	0.157	8.7
2-Methylphenol		1.305	1.325	1.369	1.419	1.418	1.367	3.8
Phenanthrene	1.004	1.149	1.025	1.047	0.975		1.040	6.4
Pentachlorobenzene	0.294	0.319	0.295	0.301	0.304		0.303	3.2
Anthracene	1.013	1.170	1.054	1.069	0.996		1.060	6.4
1,2,3,4-Tetrachlorobenzene	0.248	0.285	0.269	0.280	0.283		0.273	5.7
Carbazole		1.010	0.883	0.914	0.858	0.731	0.879	11.5
Di-n-butylphthalate	0.956	1.166	1.027	1.067	0.984		1.040	7.9
Fluoranthene	1.194	1.352	1.269	1.259	1.158		1.246	6.0
Pyrene	1.319	1.471	1.363	1.351	1.205		1.342	7.1
Butylbenzylphthalate	0.339	0.410	0.391	0.422	0.429		0.398	9.1
3,3-Dichlorobenzidine		0.479	0.454	0.445	0.395	0.332	0.421	13.9
2,2-oxybis(1-Chloropropane)		2.541	2.469	2.455	2.494	2.443	2.481	1.6
Benzo(a)anthracene	1.343	1.539	1.377	1.392	1.303		1.391	6.5
Chrysene	1.280	1.460	1.309	1.320	1.229		1.320	6.5
Bis(2-ethylhexyl)phthalate	0.525	0.610	0.582	0.612	0.603		0.587	6.2
Di-n-octyl phthalate		0.972	0.893	0.980	0.976	0.831	0.930	7.1
Benzo(b)fluoranthene	1.172	1.313	1.202	1.245	1.243		1.235	4.3
Benzo(k)fluoranthene	1.186	1.364	1.232	1.306	1.236		1.264	5.5
Benzo(a)pyrene	1.085	1.263	1.118	1.193	1.165		1.165	5.9
Indeno(1,2,3-cd)pyrene	1.309	1.518	1.386	1.470	1.491		1.435	6.0
Dibenzo(a,h)anthracene	1.037	1.223	1.123	1.183	1.198		1.153	6.5
Benzo(g,h,i)perylene	1.055	1.155	1.069	1.117	1.144		1.108	4.0
Acetophenone		2.349	2.420	2.370	2.415	2.323	2.375	1.8
2,3,4,6-Tetrachlorophenol	0.403	0.480	0.442	0.473	0.468		0.453	7.0
1,4-Dioxane-d8	0.372	0.506	0.417	0.460	0.456		0.442	11.3
Pyridine-d5		1.479	1.240	1.441	1.463	1.419	1.408	6.9

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG090924 SAS No.: BG090924 SDG No.: BG090924

Instrument ID: Calibration Date(s): 9/9/2024 1:

Calibration Time(s): 14:21

LAB FILE ID: RRFAL1 = BG062688.D RRFAL2 = BG062689.D RRFAL3 = BG062690.D
RRFAL4 = BG062691.D RRFAL5 = BG062692.D RRFAL6 = BG062693.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.680	1.680	1.742	1.825	1.842	1.754	4.4
Bis-(2-Chloroethyl)ether-d8		1.092	1.029	1.044	1.057	1.035	1.051	2.4
2-Chlorophenol-d4	1.162	1.322	1.251	1.299	1.354		1.277	5.9
4-Methylphenol-d8		1.396	1.408	1.444	1.527	1.534	1.461	4.5
Nitrobenzene-d5	0.122	0.148	0.144	0.148	0.153		0.143	8.7
2-Nitrophenol-d4	0.126	0.158	0.155	0.169	0.174		0.156	12.0
2,4-Dichlorophenol-d3	0.311	0.354	0.336	0.346	0.356		0.340	5.4
4-Chloroaniline-d4		0.496	0.454	0.472	0.477	0.441	0.468	4.6
4-Methylphenol		1.479	1.493	1.534	1.589	1.595	1.538	3.5
Dimethylphthalate-d6	1.489	1.708	1.491	1.534	1.480		1.540	6.2
Acenaphthylene-d8	1.595	1.845	1.685	1.738	1.690		1.711	5.3
4-Nitrophenol-d4		0.274	0.239	0.270	0.267	0.258	0.262	5.3
Fluorene-d10	1.329	1.539	1.358	1.389	1.325		1.388	6.4
4,6-Dinitro-2-methylphenol-		0.104	0.101	0.119	0.125	0.125	0.115	10.1
Anthracene-d10	0.884	1.037	0.929	0.956	0.913		0.944	6.2
Pyrene-d10	1.076	1.215	1.125	1.141	1.071		1.125	5.2
Benzo(a)pyrene-d12	0.965	1.138	1.025	1.077	1.075		1.056	6.1
N-Nitroso-di-n-propylamine	1.053	1.273	1.285	1.283	1.323		1.243	8.7

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG NO.: BG091224

EPA Sample No.: SSTD020440 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BG062690.D Time Analyzed: 10:01

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	68340	7.905	312720	10.70	252744	14.53
	UPPER LIMIT	136680	8.405	625440	11.196	505488	15.033
	LOWER LIMIT	34170	7.405	156360	10.196	126372	14.033
	EPA SAMPLE NO.						
01	SBLK311	50911	7.90	213715	10.69	196453	14.53
02	SBLK242	45327	7.91	189329	10.70	181339	14.53
03	MDL-WATER-QT3-2024-06	48756	7.91	213347	10.70	211799	14.53
04	C0AN7	48399	7.90	264993	10.69	212882	14.53
05	C0AT5	45949	7.90	244482	10.69	197086	14.53
06	C0AR9	42698	7.90	207764	10.70	177601	14.53
07	C0AS7	41484	7.90	197444	10.70	146744	14.53
08	C0AS9	38488	7.90	175084	10.69	142159	14.53
09	SBLK311	47947	7.90	243403	10.70	178616	14.53
10	SBLK313	45694	7.91	206570	10.70	168962	14.53
11	DCVY4DL	44136	7.90	200969	10.69	167439	14.53
12	DCVY4DL2	47143	7.91	204180	10.70	201936	14.53
13	DDC10DL	43907	7.90	194961	10.69	167692	14.53
14	DCVZ4DL	46818	7.91	208927	10.70	196229	14.53
15	DCVY1DL	45413	7.90	199701	10.70	180246	14.53
16	DCVY2DL2	45313	7.91	196597	10.69	165088	14.53
17	C0AT3	41647	7.91	186444	10.70	152027	14.53
18	C0AW5	42022	7.91	180209	10.70	163389	14.53
19	C0AW4	43509	7.91	187512	10.70	170149	14.53
20	SLCS313	48172	7.91	238485	10.70	201224	14.53
21	SLCS311	42599	7.90	205043	10.69	175587	14.53

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG NO.: BG091224

EPA Sample No.: SSTD020440 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BG062690.D Time Analyzed: 01:33

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	68340	7.905	312720	10.70	252744	14.53
UPPER LIMIT	136680	8.405	625440	11.196	505488	15.033
LOWER LIMIT	34170	7.405	156360	10.196	126372	14.033
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG NO.: BG091224

EPA Sample No.: SSTD020482 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BG062756.D Time Analyzed: 10:01

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	49440	7.9	237033	10.69	191911	14.53
	UPPER LIMIT	98880	8.4	474066	11.191	383822	15.033
	LOWER LIMIT	24720	7.4	118516.5	10.191	95955.5	14.033
	EPA SAMPLE NO.						
01	SBLK311	50911	7.90	213715	10.69	196453	14.53
02	SBLK242	45327	7.91	189329	10.70	181339	14.53
03	MDL-WATER-QT3-2024-06	48756	7.91	213347	10.70	211799	14.53
04	C0AN7	48399	7.90	264993	10.69	212882	14.53
05	C0AT5	45949	7.90	244482	10.69	197086	14.53
06	C0AR9	42698	7.90	207764	10.70	177601	14.53
07	C0AS7	41484	7.90	197444	10.70	146744	14.53
08	C0AS9	38488	7.90	175084	10.69	142159	14.53

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG NO.: BG091224

EPA Sample No.: SSTD020483 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BG062765.D Time Analyzed: 17:44

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	45149	7.9	194232	10.70	161164	14.53
	UPPER LIMIT	90298	8.4	388464	11.197	322328	15.033
	LOWER LIMIT	22574.5	7.4	97116	10.197	80582	14.033
	EPA SAMPLE NO.						
01	SBLK311	47947	7.90	243403	10.70	178616	14.53
02	SBLK313	45694	7.91	206570	10.70	168962	14.53
03	DCVY4DL	44136	7.90	200969	10.69	167439	14.53
04	DCVY4DL2	47143	7.91	204180	10.70	201936	14.53
05	DDC10DL	43907	7.90	194961	10.69	167692	14.53
06	DCVZ4DL	46818	7.91	208927	10.70	196229	14.53
07	DCVY1DL	45413	7.90	199701	10.70	180246	14.53
08	DCVY2DL2	45313	7.91	196597	10.69	165088	14.53
09	C0AT3	41647	7.91	186444	10.70	152027	14.53
10	C0AW5	42022	7.91	180209	10.70	163389	14.53
11	C0AW4	43509	7.91	187512	10.70	170149	14.53
12	SLCS313	48172	7.91	238485	10.70	201224	14.53
13	SLCS311	42599	7.90	205043	10.69	175587	14.53

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG NO.: BG091224

EPA Sample No.: SSTD020440 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BG062690.D Time Analyzed: 10:01

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	650707	17.277	663481	21.525	733491	24.592
	UPPER LIMIT	1301414	17.777	1326962	22.025	1466982	25.092
	LOWER LIMIT	325353.5	16.777	331740.5	21.025	366745.5	24.092
	EPA SAMPLE NO.						
01	SBLK311	522904	17.28	566302	21.52	625915	24.58
02	SBLK242	510952	17.27	556977	21.52	618952	24.58
03	MDL-WATER-QT3-2024-06	573413	17.28	630606	21.52	646088	24.59
04	C0AN7	542183	17.27	544090	21.52	599910	24.58
05	C0AT5	506263	17.28	503532	21.53	548859	24.59
06	C0AR9	462330	17.28	504776	21.52	553530	24.58
07	C0AS7	383234	17.27	424319	21.52	462091	24.59
08	C0AS9	376789	17.27	416786	21.52	453686	24.58
09	SBLK311	496285	17.28	603085	21.52	662830	24.59
10	SBLK313	449146	17.28	487744	21.52	552073	24.59
11	DCVY4DL	437407	17.28	468342	21.52	538716	24.58
12	DCVY4DL2	531867	17.28	582646	21.52	662517	24.58
13	DDC10DL	513622	17.27	552905	21.52	625355	24.58
14	DCVZ4DL	506829	17.28	542974	21.52	605974	24.58
15	DCVY1DL	506525	17.28	538616	21.52	612786	24.58
16	DCVY2DL2	437389	17.28	486959	21.52	545500	24.58
17	C0AT3	398168	17.28	448222	21.52	534424	24.58
18	C0AW5	459653	17.28	494742	21.52	555976	24.58
19	C0AW4	453904	17.28	495072	21.52	543719	24.58
20	SLCS313	529586	17.28	560417	21.53	625888	24.58
21	SLCS311	449324	17.28	482191	21.53	517803	24.58

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG NO.: BG091224

EPA Sample No.: SSTD020440 Date Analyzed: Sep 13 2024 12:00AM

Lab File ID: BG062690.D Time Analyzed: 01:33

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	650707	17.277	663481	21.525	733491	24.592
UPPER LIMIT	1301414	17.777	1326962	22.025	1466982	25.092
LOWER LIMIT	325353.5	16.777	331740.5	21.025	366745.5	24.092
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG NO.: BG091224

EPA Sample No.: SSTD020482 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BG062756.D Time Analyzed: 10:01

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	518077	17.277	552775	21.525	605354	24.586
	UPPER LIMIT	1036154	17.777	1105550	22.025	1210708	25.086
	LOWER LIMIT	259038.5	16.777	276387.5	21.025	302677	24.086
	EPA SAMPLE NO.						
01	SBLK311	522904	17.28	566302	21.52	625915	24.58
02	SBLK242	510952	17.27	556977	21.52	618952	24.58
03	MDL-WATER-QT3-2024-06	573413	17.28	630606	21.52	646088	24.59
04	C0AN7	542183	17.27	544090	21.52	599910	24.58
05	C0AT5	506263	17.28	503532	21.53	548859	24.59
06	C0AR9	462330	17.28	504776	21.52	553530	24.58
07	C0AS7	383234	17.27	424319	21.52	462091	24.59
08	C0AS9	376789	17.27	416786	21.52	453686	24.58

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG NO.: BG091224

EPA Sample No.: SSTD020483 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BG062765.D Time Analyzed: 17:44

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	425263	17.277	468607	21.525	505722	24.586
	UPPER LIMIT	850526	17.777	937214	22.025	1011444	25.086
	LOWER LIMIT	212631.5	16.777	234303.5	21.025	252861	24.086
	EPA SAMPLE NO.						
01	SBLK311	496285	17.28	603085	21.52	662830	24.59
02	SBLK313	449146	17.28	487744	21.52	552073	24.59
03	DCVY4DL	437407	17.28	468342	21.52	538716	24.58
04	DCVY4DL2	531867	17.28	582646	21.52	662517	24.58
05	DDC10DL	513622	17.27	552905	21.52	625355	24.58
06	DCVZ4DL	506829	17.28	542974	21.52	605974	24.58
07	DCVY1DL	506525	17.28	538616	21.52	612786	24.58
08	DCVY2DL2	437389	17.28	486959	21.52	545500	24.58
09	C0AT3	398168	17.28	448222	21.52	534424	24.58
10	C0AW5	459653	17.28	494742	21.52	555976	24.58
11	C0AW4	453904	17.28	495072	21.52	543719	24.58
12	SLCS313	529586	17.28	560417	21.53	625888	24.58
13	SLCS311	449324	17.28	482191	21.53	517803	24.58

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163311BS	1,4-Dioxane	16	15	ug/L	94				0	0	
	Benzaldehyde	40	29	ug/L	73				0	0	
	Pyridine	40	37	ug/L	93				0	0	
	Phenol	40	34	ug/L	85				0	0	
	Bis(2-chloroethyl)ether	40	33	ug/L	83				0	0	
	2-Chlorophenol	40	36	ug/L	90				0	0	
	2-Methylphenol	40	34	ug/L	85				0	0	
	2,2-oxybis(1-Chloropropane)	40	32	ug/L	80				0	0	
	Acetophenone	40	34	ug/L	85				0	0	
	4-Methylphenol	40	34	ug/L	85				0	0	
	N-Nitroso-di-n-propylamine	40	34	ug/L	85				0	0	
	Hexachloroethane	40	37	ug/L	93				0	0	
	Nitrobenzene	40	33	ug/L	83				0	0	
	Isophorone	40	32	ug/L	80				0	0	
	2-Nitrophenol	40	37	ug/L	93				0	0	
	2,4-Dimethylphenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethoxy)methane	40	33	ug/L	83				0	0	
	2,4-Dichlorophenol	40	37	ug/L	93				0	0	
	Naphthalene	40	35	ug/L	88				0	0	
	4-Chloroaniline	40	28	ug/L	70				0	0	
	Hexachlorobutadiene	40	37	ug/L	93				0	0	
	Caprolactam	40	36	ug/L	90				0	0	
	4-Chloro-3-methylphenol	40	39	ug/L	98				0	0	
	1-Methylnaphthalene	40	37	ug/L	93				0	0	
	2-Methylnaphthalene	40	37	ug/L	93				0	0	
	Hexachlorocyclopentadiene	40	24	ug/L	60				0	0	
	2,4,6-Trichlorophenol	40	32	ug/L	80				0	0	
	2,4,5-Trichlorophenol	40	34	ug/L	85				0	0	
	1,1'-Biphenyl	40	35	ug/L	88				0	0	
	2-Chloronaphthalene	40	36	ug/L	90				0	0	
	2-Nitroaniline	40	38	ug/L	95				0	0	
	Dimethylphthalate	40	35	ug/L	88				0	0	
	2,6-Dinitrotoluene	40	39	ug/L	98				0	0	
	Acenaphthylene	40	37	ug/L	93				0	0	
	3-Nitroaniline	40	37	ug/L	93				0	0	
	Acenaphthene	40	35	ug/L	88				0	0	
	2,4-Dinitrophenol	40	32	ug/L	80				0	0	
	4-Nitrophenol	40	35	ug/L	88				0	0	
	Dibenzofuran	40	34	ug/L	85				0	0	
	2,4-Dinitrotoluene	40	37	ug/L	93				0	0	
	Diethylphthalate	40	34	ug/L	85				0	0	
	Fluorene	40	35	ug/L	88				0	0	
	4-Chlorophenyl-phenylether	40	35	ug/L	88				0	0	
	4-Nitroaniline	40	39	ug/L	98				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163311BS	4,6-Dinitro-2-methylphenol	40	36	ug/L	90				0	0	
	N-Nitrosodiphenylamine	40	36	ug/L	90				0	0	
	1,2,4,5-Tetrachlorobenzene	40	36	ug/L	90				0	0	
	4-Bromophenyl-phenylether	40	37	ug/L	93				0	0	
	Hexachlorobenzene	40	37	ug/L	93				0	0	
	Atrazine	40	0	ug/L	0				0	0	
	Pentachlorophenol	40	21	ug/L	52				0	0	
	Phenanthrene	40	36	ug/L	90				0	0	
	Pentachlorobenzene	40	35	ug/L	88				0	0	
	Anthracene	40	35	ug/L	88				0	0	
	1,2,3,4-Tetrachlorobenzene	40	36	ug/L	90				0	0	
	Carbazole	40	38	ug/L	95				0	0	
	Di-n-butylphthalate	40	37	ug/L	93				0	0	
	Fluoranthene	40	37	ug/L	93				0	0	
	Pyrene	40	36	ug/L	90				0	0	
	Butylbenzylphthalate	40	41	ug/L	103				0	0	
	3,3'-Dichlorobenzidine	40	39	ug/L	98				0	0	
	Benzo(a)anthracene	40	37	ug/L	93				0	0	
	Chrysene	40	37	ug/L	93				0	0	
	Bis(2-ethylhexyl)phthalate	40	39	ug/L	98				0	0	
	Di-n-octylphthalate	40	40	ug/L	100				0	0	
	Benzo(b)fluoranthene	40	38	ug/L	95				0	0	
	Benzo(k)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(a)pyrene	40	36	ug/L	90				0	0	
	Indeno(1,2,3-cd)pyrene	40	38	ug/L	95				0	0	
	Dibenzo(a,h)anthracene	40	39	ug/L	98				0	0	
	Benzo(g,h,i)perylene	40	39	ug/L	98				0	0	
	2,3,4,6-Tetrachlorophenol	40	29	ug/L	73				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163313BS	1,4-Dioxane	16	13	ug/L	81				0	0	
	Benzaldehyde	40	24	ug/L	60				0	0	
	Pyridine	40	31	ug/L	78				0	0	
	Phenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0	
	2-Chlorophenol	40	32	ug/L	80				0	0	
	2-Methylphenol	40	30	ug/L	75				0	0	
	2,2-oxybis(1-Chloropropane)	40	27	ug/L	68				0	0	
	Acetophenone	40	28	ug/L	70				0	0	
	4-Methylphenol	40	29	ug/L	73				0	0	
	N-Nitroso-di-n-propylamine	40	28	ug/L	70				0	0	
	Hexachloroethane	40	31	ug/L	78				0	0	
	Nitrobenzene	40	27	ug/L	68				0	0	
	Isophorone	40	28	ug/L	70				0	0	
	2-Nitrophenol	40	30	ug/L	75				0	0	
	2,4-Dimethylphenol	40	25	ug/L	63				0	0	
	Bis(2-chloroethoxy)methane	40	29	ug/L	73				0	0	
	2,4-Dichlorophenol	40	31	ug/L	78				0	0	
	Naphthalene	40	29	ug/L	73				0	0	
	4-Chloroaniline	40	24	ug/L	60				0	0	
	Hexachlorobutadiene	40	31	ug/L	78				0	0	
	Caprolactam	40	28	ug/L	70				0	0	
	4-Chloro-3-methylphenol	40	31	ug/L	78				0	0	
	1-Methylnaphthalene	40	30	ug/L	75				0	0	
	2-Methylnaphthalene	40	30	ug/L	75				0	0	
	Hexachlorocyclopentadiene	40	20	ug/L	50				0	0	
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0	
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0	
	1,1'-Biphenyl	40	29	ug/L	73				0	0	
	2-Chloronaphthalene	40	30	ug/L	75				0	0	
	2-Nitroaniline	40	31	ug/L	78				0	0	
	Dimethylphthalate	40	29	ug/L	73				0	0	
	2,6-Dinitrotoluene	40	32	ug/L	80				0	0	
	Acenaphthylene	40	31	ug/L	78				0	0	
	3-Nitroaniline	40	32	ug/L	80				0	0	
	Acenaphthene	40	29	ug/L	73				0	0	
	2,4-Dinitrophenol	40	26	ug/L	65				0	0	
	4-Nitrophenol	40	30	ug/L	75				0	0	
	Dibenzofuran	40	29	ug/L	73				0	0	
	2,4-Dinitrotoluene	40	31	ug/L	78				0	0	
	Diethylphthalate	40	29	ug/L	73				0	0	
	Fluorene	40	30	ug/L	75				0	0	
	4-Chlorophenyl-phenylether	40	30	ug/L	75				0	0	
	4-Nitroaniline	40	34	ug/L	85				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163313BS	4,6-Dinitro-2-methylphenol	40	31	ug/L	78				0	0	
	N-Nitrosodiphenylamine	40	30	ug/L	75				0	0	
	1,2,4,5-Tetrachlorobenzene	40	30	ug/L	75				0	0	
	4-Bromophenyl-phenylether	40	31	ug/L	78				0	0	
	Hexachlorobenzene	40	30	ug/L	75				0	0	
	Atrazine	40	0	ug/L	0				0	0	
	Pentachlorophenol	40	17	ug/L	43				0	0	
	Phenanthrene	40	30	ug/L	75				0	0	
	Pentachlorobenzene	40	28	ug/L	70				0	0	
	Anthracene	40	30	ug/L	75				0	0	
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0	
	Carbazole	40	31	ug/L	78				0	0	
	Di-n-butylphthalate	40	31	ug/L	78				0	0	
	Fluoranthene	40	31	ug/L	78				0	0	
	Pyrene	40	31	ug/L	78				0	0	
	Butylbenzylphthalate	40	34	ug/L	85				0	0	
	3,3'-Dichlorobenzidine	40	33	ug/L	83				0	0	
	Benzo(a)anthracene	40	31	ug/L	78				0	0	
	Chrysene	40	30	ug/L	75				0	0	
	Bis(2-ethylhexyl)phthalate	40	33	ug/L	83				0	0	
	Di-n-octylphthalate	40	32	ug/L	80				0	0	
	Benzo(b)fluoranthene	40	31	ug/L	78				0	0	
	Benzo(k)fluoranthene	40	31	ug/L	78				0	0	
	Benzo(a)pyrene	40	29	ug/L	73				0	0	
	Indeno(1,2,3-cd)pyrene	40	31	ug/L	78				0	0	
	Dibenzo(a,h)anthracene	40	32	ug/L	80				0	0	
	Benzo(g,h,i)perylene	40	31	ug/L	78				0	0	
	2,3,4,6-Tetrachlorophenol	40	24	ug/L	60				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK242

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG NO.: BG091224

Lab File ID: BG062758.D Lab Sample ID: PB163242BL

Instrument ID: BNA_G Date Extracted: 09/09/2024

Matrix: (soil/water) Water Date Analyzed: 09/12/2024

Level: (low/med) LOW Time Analyzed: 10:40

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT3-2024-06	P3391-02	BG062759.D	09/12/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK311

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG NO.: BG091224

Lab File ID: BG062766.D Lab Sample ID: PB163311BL

Instrument ID: BNA_G Date Extracted: 09/11/2024

Matrix: (soil/water) Water Date Analyzed: 09/12/2024

Level: (low/med) LOW Time Analyzed: 17:44

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163311BS	PB163311BS	BG062778.D	09/13/2024
C0AN7	P3922-01	BG062760.D	09/12/2024
C0AT5	P3922-05	BG062761.D	09/12/2024
C0AR9	P3922-06	BG062762.D	09/12/2024
C0AS7	P3922-07	BG062763.D	09/12/2024
C0AS9	P3922-08	BG062764.D	09/12/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK313

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG091224 SAS No.: BG091224 SDG NO.: BG091224

Lab File ID: BG062767.D Lab Sample ID: PB163313BL

Instrument ID: BNA_G Date Extracted: 09/11/2024

Matrix: (soil/water) Water Date Analyzed: 09/12/2024

Level: (low/med) LOW Time Analyzed: 18:23

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AT3	P3922-09	BG062774.D	09/12/2024
C0AW5	P3922-10	BG062775.D	09/12/2024
C0AW4	P3922-11	BG062776.D	09/13/2024
PB163313BS	PB163313BS	BG062777.D	09/13/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3877-06DL	DCVY1DL	BG062772.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Pyridine-d5	40	16.00	40		20	120
			Phenol-d5	40	25.68	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.29	61		10	150
			2-Chlorophenol-d4	40	26.47	66		15	120
			4-Methylphenol-d8	40	26.55	66		10	140
			Nitrobenzene-d5	40	29.54	74		10	135
			2-Nitrophenol-d4	40	33.25	83		10	120
			2,4-Dichlorophenol-d3	40	31.12	78		10	140
			4-Chloroaniline-d4	40	25.57	64		1	145
			Dimethylphthalate-d6	40	26.97	67		10	145
			Acenaphthylene-d8	40	27.66	69		15	120
			4-Nitrophenol-d4	40	22.14	55		10	150
			Fluorene-d10	40	28.56	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.53	44		10	130
			Anthracene-d10	40	28.30	71		10	150
			Pyrene-d10	40	28.70	72		10	130
			Benzo(a)pyrene-d12	40	28.31	71		10	140
P3877-07DL2	DCVY2DL2	BG062773.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	24.69	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.73	74		10	150
			2-Chlorophenol-d4	40	27.78	69		15	120
			4-Methylphenol-d8	40	25.68	64		10	140
			Nitrobenzene-d5	40	30.24	76		10	135
			2-Nitrophenol-d4	40	33.39	83		10	120
			2,4-Dichlorophenol-d3	40	28.44	71		10	140
			4-Chloroaniline-d4	40	21.66	54		1	145
			Dimethylphthalate-d6	40	29.28	73		10	145
			Acenaphthylene-d8	40	30.00	75		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	32.25	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	33.81	85		10	150
			Pyrene-d10	40	32.01	80		10	130
			Benzo(a)pyrene-d12	40	30.48	76		10	140
P3877-11DL	DCVY4DL	BG062768.D	1,4-Dioxane-d8	8	4.86	61		15	120
			Pyridine-d5	40	25.31	63		20	120
			Phenol-d5	40	23.82	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.64	67		10	150
			2-Chlorophenol-d4	40	23.65	59		15	120
			4-Methylphenol-d8	40	23.10	58		10	140
			Nitrobenzene-d5	40	24.69	62		10	135
			2-Nitrophenol-d4	40	19.95	50		10	120
			2,4-Dichlorophenol-d3	40	23.51	59		10	140
			4-Chloroaniline-d4	40	29.13	73		1	145
			Dimethylphthalate-d6	40	22.05	55		10	145
			Acenaphthylene-d8	40	23.86	60		15	120
			4-Nitrophenol-d4	40	22.75	57		10	150

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Surrogate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3877-11DL	DCVY4DL	BG062768.D	Fluorene-d10	40	23.78	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.25	56		10	130
			Anthracene-d10	40	25.41	64		10	150
			Pyrene-d10	40	23.85	60		10	130
			Benzo(a)pyrene-d12	40	23.20	58		10	140
P3877-11DL2	DCVY4DL2	BG062769.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	26.49	66		20	120
			Phenol-d5	40	22.14	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.30	91		10	150
			2-Chlorophenol-d4	40	22.65	57		15	120
			4-Methylphenol-d8	40	19.86	50		10	140
			Nitrobenzene-d5	40	22.98	57		10	135
			2-Nitrophenol-d4	40	18.84	47		10	120
			2,4-Dichlorophenol-d3	40	21.93	55		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	21.99	55		10	145
			Acenaphthylene-d8	40	23.04	58		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	26.61	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	25.17	63		10	150
			Pyrene-d10	40	24.57	61		10	130
			Benzo(a)pyrene-d12	40	22.74	57		10	140
P3877-15DL	DCVZ4DL	BG062771.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	20.22	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.12	53		10	150
			2-Chlorophenol-d4	40	21.09	53		15	120
			4-Methylphenol-d8	40	20.70	52		10	140
			Nitrobenzene-d5	40	17.16	43		10	135
			2-Nitrophenol-d4	40	19.89	50		10	120
			2,4-Dichlorophenol-d3	40	23.07	58		10	140
			4-Chloroaniline-d4	40	19.89	50		1	145
			Dimethylphthalate-d6	40	22.83	57		10	145
			Acenaphthylene-d8	40	22.98	57		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	25.11	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	25.65	64		10	150
			Pyrene-d10	40	24.87	62		10	130
			Benzo(a)pyrene-d12	40	24.36	61		10	140
P3877-19DL	DDC10DL	BG062770.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.76	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.66	57		10	150
			2-Chlorophenol-d4	40	20.42	51		15	120
			4-Methylphenol-d8	40	18.18	45		10	140
			Nitrobenzene-d5	40	18.98	47		10	135
			2-Nitrophenol-d4	40	21.60	54		10	120

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Surrogate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3877-19DL	DDC10DL	BG062770.D	2,4-Dichlorophenol-d3	40	19.94	50		10	140
			4-Chloroaniline-d4	40	20.24	51		1	145
			Dimethylphthalate-d6	40	20.46	51		10	145
			Acenaphthylene-d8	40	22.30	56		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	23.82	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	22.78	57		10	150
			Pyrene-d10	40	22.40	56		10	130
			Benzo(a)pyrene-d12	40	22.06	55		10	140

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Surrogate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3391-02	MDL-WATER-QT3	BG062759.D	1,4-Dioxane-d8	8	5.46	68		15	120
			Pyridine-d5	40	27.33	68		20	120
			Phenol-d5	40	21.98	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.19	53		25	120
			2-Chlorophenol-d4	40	22.35	56		20	130
			4-Methylphenol-d8	40	20.34	51		25	125
			Nitrobenzene-d5	40	24.16	60		20	125
			2-Nitrophenol-d4	40	24.81	62		20	130
			2,4-Dichlorophenol-d3	40	22.26	56		20	120
			4-Chloroaniline-d4	40	20.02	50		1	146
			Dimethylphthalate-d6	40	20.88	52		25	130
			Acenaphthylene-d8	40	22.16	55		10	130
			4-Nitrophenol-d4	40	21.09	53		10	150
			Fluorene-d10	40	22.82	57		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.28	51		10	130
			Anthracene-d10	40	19.47	49		25	130
			Pyrene-d10	40	22.06	55		15	130
			Benzo(a)pyrene-d12	40	22.87	57		20	130
PB163242BL	PB163242BL	BG062758.D	Pyridine-d5	40	28.21	71		20	120
			1,4-Dioxane-d8	8	6.56	82		15	120
			Phenol-d5	40	24.57	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.85	60		25	120
			2-Chlorophenol-d4	40	25.31	63		20	130
			4-Methylphenol-d8	40	23.66	59		25	125
			Nitrobenzene-d5	40	28.40	71		20	125
			2-Nitrophenol-d4	40	29.28	73		20	130
			2,4-Dichlorophenol-d3	40	26.70	67		20	120
			4-Chloroaniline-d4	40	24.64	62		1	146
			Dimethylphthalate-d6	40	25.73	64		25	130
			Acenaphthylene-d8	40	26.40	66		10	130
			4-Nitrophenol-d4	40	24.16	60		10	150
			Fluorene-d10	40	28.84	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.80	57		10	130
			Anthracene-d10	40	28.67	72		25	130
			Pyrene-d10	40	28.32	71		15	130
			Benzo(a)pyrene-d12	40	27.71	69		20	130

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Surrogate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3922-01	C0AN7	BG062760.D	1,4-Dioxane-d8	8	5.90	74		15	120
			Pyridine-d5	40	14.01	35		20	120
			Phenol-d5	40	10.89	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.93	52		25	120
			2-Chlorophenol-d4	40	23.59	59		20	130
			4-Methylphenol-d8	40	23.23	58		25	125
			Nitrobenzene-d5	40	20.48	51		20	125
			2-Nitrophenol-d4	40	24.34	61		20	130
			2,4-Dichlorophenol-d3	40	25.90	65		20	120
			4-Chloroaniline-d4	40	17.36	43		1	146
			Dimethylphthalate-d6	40	24.69	62		25	130
			Acenaphthylene-d8	40	23.20	58		10	130
			4-Nitrophenol-d4	40	9.42	24		10	150
			Fluorene-d10	40	24.17	60		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.83	57		10	130
			Anthracene-d10	40	26.28	66		25	130
			Pyrene-d10	40	26.56	66		15	130
			Benzo(a)pyrene-d12	40	27.12	68		20	130
P3922-05	C0AT5	BG062761.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Pyridine-d5	40	6.38	16	*	20	120
			Phenol-d5	40	9.29	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.51	61		25	120
			2-Chlorophenol-d4	40	25.72	64		20	130
			4-Methylphenol-d8	40	23.87	60		25	125
			Nitrobenzene-d5	40	26.42	66		20	125
			2-Nitrophenol-d4	40	29.76	74		20	130
			2,4-Dichlorophenol-d3	40	32.32	81		20	120
			4-Chloroaniline-d4	40	16.88	42		1	146
			Dimethylphthalate-d6	40	31.15	78		25	130
			Acenaphthylene-d8	40	29.23	73		10	130
			4-Nitrophenol-d4	40	9.06	23		10	150
			Fluorene-d10	40	31.57	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.80	74		10	130
			Anthracene-d10	40	33.75	84		25	130
			Pyrene-d10	40	35.27	88		15	130
			Benzo(a)pyrene-d12	40	35.04	88		20	130
P3922-06	C0AR9	BG062762.D	1,4-Dioxane-d8	8	5.40	67		15	120
			Pyridine-d5	40	7.68	19	*	20	120
			Phenol-d5	40	8.11	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.96	57		25	120
			2-Chlorophenol-d4	40	23.39	58		20	130
			4-Methylphenol-d8	40	18.99	47		25	125
			Nitrobenzene-d5	40	24.22	61		20	125
			2-Nitrophenol-d4	40	27.65	69		20	130
			2,4-Dichlorophenol-d3	40	26.94	67		20	120
			4-Chloroaniline-d4	40	21.81	55		1	146
			Dimethylphthalate-d6	40	27.56	69		25	130
			Acenaphthylene-d8	40	26.63	67		10	130
			4-Nitrophenol-d4	40	8.56	21		10	150

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Surrogate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3922-06	C0AR9	BG062762.D	Fluorene-d10	40	28.25	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.65	67		10	130
			Anthracene-d10	40	33.03	83		25	130
			Pyrene-d10	40	33.90	85		15	130
			Benzo(a)pyrene-d12	40	33.85	85		20	130
P3922-07	C0AS7	BG062763.D	1,4-Dioxane-d8	8	5.33	67		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	12.36	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.35	51		25	120
			2-Chlorophenol-d4	40	24.67	62		20	130
			4-Methylphenol-d8	40	23.52	59		25	125
			Nitrobenzene-d5	40	21.07	53		20	125
			2-Nitrophenol-d4	40	23.60	59		20	130
			2,4-Dichlorophenol-d3	40	26.47	66		20	120
			4-Chloroaniline-d4	40	9.23	23		1	146
			Dimethylphthalate-d6	40	24.72	62		25	130
			Acenaphthylene-d8	40	23.79	59		10	130
			4-Nitrophenol-d4	40	12.08	30		10	150
			Fluorene-d10	40	24.65	62		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.84	52		10	130
			Anthracene-d10	40	25.82	65		25	130
			Pyrene-d10	40	26.41	66		15	130
			Benzo(a)pyrene-d12	40	26.72	67		20	130
P3922-08	C0AS9	BG062764.D	1,4-Dioxane-d8	8	5.56	69		15	120
			Pyridine-d5	40	5.44	14	*	20	120
			Phenol-d5	40	9.44	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.53	66		25	120
			2-Chlorophenol-d4	40	26.35	66		20	130
			4-Methylphenol-d8	40	21.71	54		25	125
			Nitrobenzene-d5	40	29.23	73		20	125
			2-Nitrophenol-d4	40	30.72	77		20	130
			2,4-Dichlorophenol-d3	40	28.28	71		20	120
			4-Chloroaniline-d4	40	19.98	50		1	146
			Dimethylphthalate-d6	40	29.60	74		25	130
			Acenaphthylene-d8	40	28.33	71		10	130
			4-Nitrophenol-d4	40	7.95	20		10	150
			Fluorene-d10	40	31.01	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.48	69		10	130
			Anthracene-d10	40	35.46	89		25	130
			Pyrene-d10	40	35.00	87		15	130
			Benzo(a)pyrene-d12	40	36.48	91		20	130
PB163311BL	PB163311BL	BG062766.D	1,4-Dioxane-d8	8	6.53	82		15	120
		BG062757.D	Pyridine-d5	40	25.88	65		20	120
			1,4-Dioxane-d8	8	5.61	70		15	120
		BG062766.D	Pyridine-d5	40	30.68	77		20	120
		BG062757.D	Phenol-d5	40	27.29	68		10	130
		BG062766.D	Phenol-d5	40	26.46	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.01	63		25	120
		BG062757.D	Bis(2-Chloroethyl)ether-d8	40	26.44	66		25	120

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Surrogate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163311BL	PB163311BL	BG062757.D	2-Chlorophenol-d4	40	27.88	70		20	130
		BG062766.D	2-Chlorophenol-d4	40	26.79	67		20	130
			4-Methylphenol-d8	40	27.51	69		25	125
		BG062757.D	4-Methylphenol-d8	40	24.86	62		25	125
			Nitrobenzene-d5	40	27.93	70		20	125
		BG062766.D	Nitrobenzene-d5	40	24.13	60		20	125
			2-Nitrophenol-d4	40	28.03	70		20	130
		BG062757.D	2-Nitrophenol-d4	40	28.57	71		20	130
			2,4-Dichlorophenol-d3	40	26.68	67		20	120
		BG062766.D	2,4-Dichlorophenol-d3	40	25.23	63		20	120
			4-Chloroaniline-d4	40	24.09	60		1	146
		BG062757.D	4-Chloroaniline-d4	40	24.25	61		1	146
			Dimethylphthalate-d6	40	26.16	65		25	130
		BG062766.D	Dimethylphthalate-d6	40	26.04	65		25	130
			Acenaphthylene-d8	40	26.60	67		10	130
		BG062757.D	Acenaphthylene-d8	40	26.76	67		10	130
			4-Nitrophenol-d4	40	23.93	60		10	150
		BG062766.D	4-Nitrophenol-d4	40	23.63	59		10	150
			Fluorene-d10	40	27.88	70		25	125
		BG062757.D	Fluorene-d10	40	27.67	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.53	56		10	130
		BG062766.D	4,6-Dinitro-2-methylphenol-d2	40	21.10	53		10	130
			Anthracene-d10	40	28.14	70		25	130
		BG062757.D	Anthracene-d10	40	28.56	71		25	130
			Pyrene-d10	40	28.69	72		15	130
		BG062766.D	Pyrene-d10	40	27.19	68		15	130
			Benzo(a)pyrene-d12	40	27.85	70		20	130
		BG062757.D	Benzo(a)pyrene-d12	40	27.55	69		20	130
PB163311BS	PB163311BS	BG062778.D	1,4-Dioxane-d8	8	9.52	119		15	120
			Pyridine-d5	40	38.22	96		20	120
			Phenol-d5	40	34.17	85		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.88	80		25	120
			2-Chlorophenol-d4	40	34.43	86		20	130
			4-Methylphenol-d8	40	33.92	85		25	125
			Nitrobenzene-d5	40	34.84	87		20	125
			2-Nitrophenol-d4	40	39.34	98		20	130
			2,4-Dichlorophenol-d3	40	37.27	93		20	120
			4-Chloroaniline-d4	40	30.33	76		1	146
			Dimethylphthalate-d6	40	34.27	86		25	130
			Acenaphthylene-d8	40	35.57	89		10	130
			4-Nitrophenol-d4	40	35.73	89		10	150
			Fluorene-d10	40	35.55	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.37	96		10	130
			Anthracene-d10	40	35.81	90		25	130
			Pyrene-d10	40	36.85	92		15	130
			Benzo(a)pyrene-d12	40	37.18	93		20	130

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Surrogate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3922-09	C0AT3	BG062774.D	1,4-Dioxane-d8	8	7.00	88		15	120
			Pyridine-d5	40	10.40	26		20	120
			Phenol-d5	40	11.02	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.41	66		25	120
			2-Chlorophenol-d4	40	26.19	65		20	130
			4-Methylphenol-d8	40	23.37	58		25	125
			Nitrobenzene-d5	40	29.66	74		20	125
			2-Nitrophenol-d4	40	30.21	76		20	130
			2,4-Dichlorophenol-d3	40	27.74	69		20	120
			4-Chloroaniline-d4	40	24.06	60		1	146
			Dimethylphthalate-d6	40	29.49	74		25	130
			Acenaphthylene-d8	40	28.52	71		10	130
			4-Nitrophenol-d4	40	7.45	19		10	150
			Fluorene-d10	40	30.79	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.30	66		10	130
			Anthracene-d10	40	33.94	85		25	130
			Pyrene-d10	40	33.49	84		15	130
			Benzo(a)pyrene-d12	40	34.33	86		20	130
P3922-10	C0AW5	BG062775.D	1,4-Dioxane-d8	8	6.26	78		15	120
			Pyridine-d5	40	13.19	33		20	120
			Phenol-d5	40	8.77	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.42	71		25	120
			2-Chlorophenol-d4	40	28.66	72		20	130
			4-Methylphenol-d8	40	21.09	53		25	125
			Nitrobenzene-d5	40	33.24	83		20	125
			2-Nitrophenol-d4	40	35.54	89		20	130
			2,4-Dichlorophenol-d3	40	32.52	81		20	120
			4-Chloroaniline-d4	40	27.91	70		1	146
			Dimethylphthalate-d6	40	30.48	76		25	130
			Acenaphthylene-d8	40	31.97	80		10	130
			4-Nitrophenol-d4	40	6.95	17		10	150
			Fluorene-d10	40	36.28	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.66	67		10	130
			Anthracene-d10	40	36.43	91		25	130
			Pyrene-d10	40	37.03	93		15	130
			Benzo(a)pyrene-d12	40	37.03	93		20	130
P3922-11	C0AW4	BG062776.D	1,4-Dioxane-d8	8	6.30	79		15	120
			Pyridine-d5	40	6.52	16	*	20	120
			Phenol-d5	40	9.73	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.71	77		25	120
			2-Chlorophenol-d4	40	29.41	74		20	130
			4-Methylphenol-d8	40	22.04	55		25	125
			Nitrobenzene-d5	40	34.41	86		20	125
			2-Nitrophenol-d4	40	37.71	94		20	130
			2,4-Dichlorophenol-d3	40	33.28	83		20	120
			4-Chloroaniline-d4	40	21.18	53		1	146
			Dimethylphthalate-d6	40	32.38	81		25	130
			Acenaphthylene-d8	40	33.04	83		10	130
			4-Nitrophenol-d4	40	8.09	20		10	150

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Surrogate Summary

SW-846

SDG No.: BG091224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3922-11	C0AW4	BG062776.D	Fluorene-d10	40	36.09	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.73	79		10	130
			Anthracene-d10	40	38.54	96		25	130
			Pyrene-d10	40	39.01	98		15	130
			Benzo(a)pyrene-d12	40	40.57	101		20	130
PB163313BL	PB163313BL	BG062767.D	1,4-Dioxane-d8	8	6.17	77		15	120
			Pyridine-d5	40	30.70	77		20	120
			Phenol-d5	40	25.07	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.07	60		25	120
			2-Chlorophenol-d4	40	26.28	66		20	130
			4-Methylphenol-d8	40	26.16	65		25	125
			Nitrobenzene-d5	40	27.54	69		20	125
			2-Nitrophenol-d4	40	30.65	77		20	130
			2,4-Dichlorophenol-d3	40	27.40	68		20	120
			4-Chloroaniline-d4	40	23.16	58		1	146
			Dimethylphthalate-d6	40	25.30	63		25	130
			Acenaphthylene-d8	40	25.70	64		10	130
			4-Nitrophenol-d4	40	21.85	55		10	150
			Fluorene-d10	40	26.92	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.41	49		10	130
			Anthracene-d10	40	27.38	68		25	130
			Pyrene-d10	40	27.76	69		15	130
			Benzo(a)pyrene-d12	40	26.47	66		20	130
PB163313BS	PB163313BS	BG062777.D	1,4-Dioxane-d8	8	8.10	101		15	120
			Pyridine-d5	40	31.53	79		20	120
			Phenol-d5	40	28.77	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.45	69		25	120
			2-Chlorophenol-d4	40	29.65	74		20	130
			4-Methylphenol-d8	40	29.26	73		25	125
			Nitrobenzene-d5	40	28.83	72		20	125
			2-Nitrophenol-d4	40	31.74	79		20	130
			2,4-Dichlorophenol-d3	40	31.37	78		20	120
			4-Chloroaniline-d4	40	25.92	65		1	146
			Dimethylphthalate-d6	40	28.89	72		25	130
			Acenaphthylene-d8	40	29.99	75		10	130
			4-Nitrophenol-d4	40	31.00	78		10	150
			Fluorene-d10	40	30.02	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.69	77		10	130
			Anthracene-d10	40	29.94	75		25	130
			Pyrene-d10	40	30.91	77		15	130
			Benzo(a)pyrene-d12	40	30.18	75		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG091224

Lab Code: CHEM SAS No.: BG091224 SDG NO.: BG091224

Lab File ID: BG062755.D DFTPP Injection Date: 09/12/2024

Instrument ID: BNA_G DFTPP Injection Time: 08:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.4
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	29.1
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	37.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 60.0% of mass 198	32.6
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	97.7
443	15.0 - 24.0% of mass 442	18.5 (18.9) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020482	SSTDCCC020	BG062756.D	09/12/2024	09:10
SBLK311	PB163311BL	BG062757.D	09/12/2024	10:01
SBLK242	PB163242BL	BG062758.D	09/12/2024	10:40
MDL-WATER-QT3-2024-06	P3391-02	BG062759.D	09/12/2024	11:19
C0AN7	P3922-01	BG062760.D	09/12/2024	12:17
C0AT5	P3922-05	BG062761.D	09/12/2024	13:49
C0AR9	P3922-06	BG062762.D	09/12/2024	14:28
C0AS7	P3922-07	BG062763.D	09/12/2024	15:07
C0AS9	P3922-08	BG062764.D	09/12/2024	15:46
SSTD020483	SSTDCCC020	BG062765.D	09/12/2024	17:05
SBLK311	PB163311BL	BG062766.D	09/12/2024	17:44
SBLK313	PB163313BL	BG062767.D	09/12/2024	18:23
DCVY4DL	P3877-11DL	BG062768.D	09/12/2024	19:02
DCVY4DL2	P3877-11DL2	BG062769.D	09/12/2024	19:42
DDC10DL	P3877-19DL	BG062770.D	09/12/2024	20:21
DCVZ4DL	P3877-15DL	BG062771.D	09/12/2024	21:00
DCVY1DL	P3877-06DL	BG062772.D	09/12/2024	21:39
DCVY2DL2	P3877-07DL2	BG062773.D	09/12/2024	22:18

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG091224

Lab Code: CHEM SAS No.: BG091224 SDG NO.: BG091224

Lab File ID: BG062755.D DFTPP Injection Date: 09/12/2024

Instrument ID: BNA_G DFTPP Injection Time: 08:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.4
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	29.1
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	37.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 60.0% of mass 198	32.6
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	97.7
443	15.0 - 24.0% of mass 442	18.5 (18.9) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
C0AT3	P3922-09	BG062774.D	09/12/2024	22:57
C0AW5	P3922-10	BG062775.D	09/12/2024	23:36
C0AW4	P3922-11	BG062776.D	09/13/2024	00:15
SLCS313	PB163313BS	BG062777.D	09/13/2024	00:54
SLCS311	PB163311BS	BG062778.D	09/13/2024	01:33
SSTD020484	SSTDCCC020EC	BG062779.D	09/13/2024	02:51