

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124

Instrument ID: BNA_G Calibration Date/Time: 7/1/2024 12:09:59

Lab File ID: BG061805.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020547 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.688	0.576	0.010	-16.2413	40.0
Benzaldehyde	1.068	1.283	0.010	20.0564	40.0
Pyridine	1.799	1.650	0.010	-8.3115	40.0
Phenol	2.285	2.124	0.080	-7.0292	20.0
Bis(2-Chloroethyl)ether	1.720	1.646	0.100	-4.2665	20.0
2-Chlorophenol	1.495	1.505	0.200	0.7081	20.0
2-Methylphenol	1.599	1.519	0.010	-5.0073	20.0
2,2-oxybis(1-Chloropropane)	3.513	3.419	0.010	-2.6921	40.0
Acetophenone	2.764	2.489	0.060	-9.9565	20.0
4-Methylphenol	1.791	1.627	0.010	-9.1351	20.0
N-Nitroso-di-n-propylamine	1.485	1.355	0.050	-8.7546	30.0
Hexachloroethane	0.599	0.602	0.100	0.4371	20.0
Nitrobenzene	0.391	0.414	0.050	5.9151	25.0
Isophorone	0.900	0.789	0.050	-12.2751	25.0
2-Nitrophenol	0.144	0.163	0.050	13.6433	25.0
2,4-Dimethylphenol	0.402	0.393	0.050	-2.1896	25.0
Bis(2-Chloroethoxy)methane	0.509	0.471	0.050	-7.4596	20.0
2,4-Dichlorophenol	0.298	0.294	0.060	-1.6037	20.0
Naphthalene	1.119	1.063	0.200	-5.0042	20.0
4-Chloroaniline	0.489	0.434	0.010	-11.2326	40.0
Hexachlorobutadiene	0.206	0.228	0.040	10.4132	30.0
Caprolactam	0.123	0.094	0.010	-23.5988	40.0
4-Chloro-3-methylphenol	0.417	0.370	0.040	-11.2737	25.0
1-Methylnaphthalene	0.843	0.752	0.100	-10.7229	20.0
2-Methylnaphthalene	0.790	0.722	0.100	-8.6192	20.0
Hexachlorocyclopentadiene	0.337	0.270	0.010	-19.7961	40.0
2,4,6-Trichlorophenol	0.365	0.389	0.090	6.5239	25.0
2,4,5-Trichlorophenol	0.398	0.413	0.100	3.7295	25.0
1,1-Biphenyl	1.449	1.459	0.200	0.7096	20.0
2-Chloronaphthalene	1.113	1.108	0.300	-0.393	20.0
2-Nitroaniline	0.381	0.436	0.050	14.324	40.0
Dimethylphthalate	1.528	1.370	0.300	-10.3827	20.0
2,6-Dinitrotoluene	0.254	0.288	0.080	13.5594	30.0
Acenaphthylene	1.883	1.781	0.400	-5.4115	20.0
3-Nitroaniline	0.260	0.272	0.010	4.8599	40.0
Acenaphthene	1.304	1.226	0.200	-5.9805	20.0
2,4-Dinitrophenol	0.129	0.121	0.010	-6.452	40.0
4-Nitrophenol	0.273	0.233	0.010	-14.7924	40.0
Dibenzofuran	1.825	1.708	0.300	-6.4091	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124

Instrument ID: BNA_G Calibration Date/Time: 7/1/2024 12:09:59

Lab File ID: BG061805.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020547 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.401	0.070	6.426	30.0
Diethylphthalate	1.574	1.416	0.300	-10.0477	20.0
Fluorene	1.510	1.401	0.200	-7.1975	20.0
4-Chlorophenyl-phenylether	0.750	0.708	0.100	-5.6111	20.0
4-Nitroaniline	0.275	0.292	0.010	6.0428	40.0
4,6-Dinitro-2-methylphenol	0.097	0.088	0.010	-8.6978	40.0
N-Nitrosodiphenylamine	0.517	0.535	0.050	3.4305	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.601	0.100	6.1793	20.0
4-Bromophenyl-phenylether	0.206	0.221	0.070	7.1347	20.0
Hexachlorobenzene	0.250	0.253	0.050	1.3899	25.0
Atrazine	0.207	0.203	0.010	-1.8357	25.0
Pentachlorophenol	0.152	0.129	0.010	-15.0457	40.0
Phenanthrene	1.052	1.014	0.200	-3.5964	20.0
Pentachlorobenzene	0.268	0.298	0.050	11.5143	20.0
Anthracene	1.076	1.035	0.200	-3.8479	20.0
1,2,3,4-Tetrachlorobenzene	0.223	0.281	0.050	25.9732	20.0
Carbazole	0.914	0.862	0.050	-5.6559	40.0
Di-n-butylphthalate	1.093	1.110	0.500	1.5518	25.0
Fluoranthene	1.296	1.438	0.400	10.9748	25.0
Pyrene	1.378	1.460	0.400	5.911	25.0
Butylbenzylphthalate	0.502	0.603	0.100	20.2274	40.0
3,3-Dichlorobenzidine	0.423	0.476	0.010	12.6134	40.0
Benzo (a) anthracene	1.404	1.420	0.300	1.1636	30.0
Chrysene	1.328	1.341	0.200	0.9651	30.0
Bis (2-ethylhexyl) phthalate	0.738	0.867	0.200	17.4989	40.0
Di-n-octyl phthalate	1.055	1.247	0.010	18.1943	40.0
Benzo (b) fluoranthene	1.202	1.207	0.200	0.3959	25.0
Benzo (k) fluoranthene	1.236	1.187	0.200	-4.0072	25.0
Benzo (a) pyrene	1.157	1.142	0.200	-1.3227	20.0
Indeno (1,2,3-cd) pyrene	1.442	1.473	0.200	2.1416	25.0
Dibenzo (a,h) anthracene	1.199	1.231	0.200	2.6372	30.0
Benzo (g,h,i) perylene	1.163	1.185	0.200	1.9262	30.0
2,3,4,6-Tetrachlorophenol	0.390	0.354	0.040	-9.2416	20.0
1,4-Dioxane-d8	0.554	0.538	0.010	-2.7942	25.0
Pyridine-d5	1.674	1.604	0.010	-4.1944	40.0
Phenol-d5	2.171	2.087	0.010	-3.8921	25.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.279	0.050	-5.4751	25.0
2-Chlorophenol-d4	1.490	1.459	0.200	-2.0451	20.0
4-Methylphenol-d8	1.678	1.585	0.010	-5.5677	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124
Instrument ID: BNA_G Calibration Date/Time: 7/1/2024 12:09:59
Lab File ID: BG061805.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020547 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.149	0.050	10.0126	20.0
2-Nitrophenol-d4	0.138	0.172	0.050	24.6959	30.0
2,4-Dichlorophenol-d3	0.326	0.328	0.060	0.8071	20.0
4-Chloroaniline-d4	0.493	0.449	0.010	-8.9983	40.0
Dimethylphthalate-d6	1.539	1.422	0.300	-7.6053	20.0
Acenaphthylene-d8	1.687	1.654	0.400	-1.9162	20.0
4-Nitrophenol-d4	0.264	0.227	0.010	-14.2583	40.0
Fluorene-d10	1.347	1.248	0.100	-7.3451	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.080	0.010	-5.9176	40.0
Anthracene-d10	0.913	0.884	0.300	-3.1472	20.0
Pyrene-d10	1.117	1.205	0.300	7.86	25.0
Benzo(a)pyrene-d12	0.955	0.955	0.010	0.0014	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124

Instrument ID: BNA_G Calibration Date/Time: 7/1/2024 12:17:28

Lab File ID: BG061816.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020548 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.688	0.617	0.010	-10.3492	40.0
Benzaldehyde	1.068	1.238	0.010	15.8257	40.0
Pyridine	1.799	1.569	0.010	-12.7825	40.0
Phenol	2.285	2.122	0.080	-7.1076	20.0
Bis(2-Chloroethyl)ether	1.720	1.598	0.100	-7.0698	20.0
2-Chlorophenol	1.495	1.479	0.200	-1.033	20.0
2-Methylphenol	1.599	1.511	0.010	-5.468	20.0
2,2-oxybis(1-Chloropropane)	3.513	3.299	0.010	-6.0971	40.0
Acetophenone	2.764	2.445	0.060	-11.532	20.0
4-Methylphenol	1.791	1.614	0.010	-9.9043	20.0
N-Nitroso-di-n-propylamine	1.485	1.280	0.050	-13.7954	30.0
Hexachloroethane	0.599	0.587	0.100	-2.0035	20.0
Nitrobenzene	0.391	0.432	0.050	10.4912	25.0
Isophorone	0.900	0.796	0.050	-11.5338	25.0
2-Nitrophenol	0.144	0.181	0.050	26.0999	25.0
2,4-Dimethylphenol	0.402	0.399	0.050	-0.8567	25.0
Bis(2-Chloroethoxy)methane	0.509	0.475	0.050	-6.7505	20.0
2,4-Dichlorophenol	0.298	0.300	0.060	0.4875	20.0
Naphthalene	1.119	1.076	0.200	-3.8431	20.0
4-Chloroaniline	0.489	0.428	0.010	-12.4525	40.0
Hexachlorobutadiene	0.206	0.231	0.040	11.9436	30.0
Caprolactam	0.123	0.103	0.010	-16.542	40.0
4-Chloro-3-methylphenol	0.417	0.376	0.040	-9.8217	25.0
1-Methylnaphthalene	0.843	0.766	0.100	-9.0347	20.0
2-Methylnaphthalene	0.790	0.738	0.100	-6.538	20.0
Hexachlorocyclopentadiene	0.337	0.267	0.010	-20.5754	40.0
2,4,6-Trichlorophenol	0.365	0.393	0.090	7.5762	25.0
2,4,5-Trichlorophenol	0.398	0.419	0.100	5.2858	25.0
1,1-Biphenyl	1.449	1.502	0.200	3.6743	20.0
2-Chloronaphthalene	1.113	1.145	0.300	2.9322	20.0
2-Nitroaniline	0.381	0.461	0.050	20.8801	40.0
Dimethylphthalate	1.528	1.386	0.300	-9.3142	20.0
2,6-Dinitrotoluene	0.254	0.298	0.080	17.5757	30.0
Acenaphthylene	1.883	1.802	0.400	-4.3025	20.0
3-Nitroaniline	0.260	0.309	0.010	18.9496	40.0
Acenaphthene	1.304	1.250	0.200	-4.1223	20.0
2,4-Dinitrophenol	0.129	0.123	0.010	-4.5712	40.0
4-Nitrophenol	0.273	0.257	0.010	-6.025	40.0
Dibenzofuran	1.825	1.757	0.300	-3.7085	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124

Instrument ID: BNA_G Calibration Date/Time: 7/1/2024 12:17:28

Lab File ID: BG061816.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020548 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.425	0.070	12.9329	30.0
Diethylphthalate	1.574	1.442	0.300	-8.4217	20.0
Fluorene	1.510	1.418	0.200	-6.0821	20.0
4-Chlorophenyl-phenylether	0.750	0.724	0.100	-3.3795	20.0
4-Nitroaniline	0.275	0.304	0.010	10.3296	40.0
4,6-Dinitro-2-methylphenol	0.097	0.096	0.010	-0.8702	40.0
N-Nitrosodiphenylamine	0.517	0.554	0.050	7.1703	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.629	0.100	11.0651	20.0
4-Bromophenyl-phenylether	0.206	0.227	0.070	10.2161	20.0
Hexachlorobenzene	0.250	0.267	0.050	6.7917	25.0
Atrazine	0.207	0.218	0.010	5.3889	25.0
Pentachlorophenol	0.152	0.137	0.010	-10.2789	40.0
Phenanthrene	1.052	1.046	0.200	-0.5819	20.0
Pentachlorobenzene	0.268	0.305	0.050	14.0651	20.0
Anthracene	1.076	1.049	0.200	-2.4954	20.0
1,2,3,4-Tetrachlorobenzene	0.223	0.288	0.050	29.0554	20.0
Carbazole	0.914	0.899	0.050	-1.6424	40.0
Di-n-butylphthalate	1.093	1.142	0.500	4.5046	25.0
Fluoranthene	1.296	1.420	0.400	9.545	25.0
Pyrene	1.378	1.469	0.400	6.5707	25.0
Butylbenzylphthalate	0.502	0.595	0.100	18.617	40.0
3,3-Dichlorobenzidine	0.423	0.442	0.010	4.5222	40.0
Benzo (a) anthracene	1.404	1.427	0.300	1.6594	30.0
Chrysene	1.328	1.291	0.200	-2.7966	30.0
Bis(2-ethylhexyl)phthalate	0.738	0.877	0.200	18.9332	40.0
Di-n-octyl phthalate	1.055	1.252	0.010	18.6777	40.0
Benzo (b) fluoranthene	1.202	1.181	0.200	-1.8011	25.0
Benzo (k) fluoranthene	1.236	1.221	0.200	-1.2323	25.0
Benzo (a) pyrene	1.157	1.137	0.200	-1.7328	20.0
Indeno (1,2,3-cd) pyrene	1.442	1.458	0.200	1.0906	25.0
Dibenzo (a,h) anthracene	1.199	1.196	0.200	-0.2986	30.0
Benzo (g,h,i) perylene	1.163	1.176	0.200	1.1278	30.0
2,3,4,6-Tetrachlorophenol	0.390	0.377	0.040	-3.4969	20.0
1,4-Dioxane-d8	0.554	0.504	0.010	-8.8953	25.0
Pyridine-d5	1.674	1.512	0.010	-9.6822	40.0
Phenol-d5	2.171	2.048	0.010	-5.6835	25.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.235	0.050	-8.7179	25.0
2-Chlorophenol-d4	1.490	1.438	0.200	-3.5016	20.0
4-Methylphenol-d8	1.678	1.512	0.010	-9.8949	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124
 Instrument ID: BNA_G Calibration Date/Time: 7/1/2024 12:17:28
 Lab File ID: BG061816.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020548 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.155	0.050	13.9532	20.0
2-Nitrophenol-d4	0.138	0.177	0.050	28.8506	30.0
2,4-Dichlorophenol-d3	0.326	0.338	0.060	3.76	20.0
4-Chloroaniline-d4	0.493	0.453	0.010	-8.1521	40.0
Dimethylphthalate-d6	1.539	1.466	0.300	-4.7396	20.0
Acenaphthylene-d8	1.687	1.671	0.400	-0.9236	20.0
4-Nitrophenol-d4	0.264	0.245	0.010	-7.3804	40.0
Fluorene-d10	1.347	1.320	0.100	-2.0577	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.086	0.010	0.1377	40.0
Anthracene-d10	0.913	0.908	0.300	-0.5175	20.0
Pyrene-d10	1.117	1.191	0.300	6.6429	25.0
Benzo(a)pyrene-d12	0.955	0.962	0.010	0.6584	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124

Instrument ID: BNA_G Calibration Date/Time: 7/2/2024 12:04:59

Lab File ID: BG061832.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020549 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.688	0.601	0.010	-12.7154	40.0
Benzaldehyde	1.068	1.225	0.010	14.6989	40.0
Pyridine	1.799	1.574	0.010	-12.5254	40.0
Phenol	2.285	2.139	0.080	-6.3621	20.0
Bis(2-Chloroethyl)ether	1.720	1.586	0.100	-7.7868	20.0
2-Chlorophenol	1.495	1.452	0.200	-2.8465	20.0
2-Methylphenol	1.599	1.477	0.010	-7.6306	20.0
2,2-oxybis(1-Chloropropane)	3.513	3.377	0.010	-3.8708	40.0
Acetophenone	2.764	2.439	0.060	-11.7617	20.0
4-Methylphenol	1.791	1.574	0.010	-12.0954	20.0
N-Nitroso-di-n-propylamine	1.485	1.294	0.050	-12.8695	30.0
Hexachloroethane	0.599	0.566	0.100	-5.5048	20.0
Nitrobenzene	0.391	0.430	0.050	9.7966	25.0
Isophorone	0.900	0.810	0.050	-9.9234	25.0
2-Nitrophenol	0.144	0.174	0.050	21.2645	25.0
2,4-Dimethylphenol	0.402	0.398	0.050	-0.9941	25.0
Bis(2-Chloroethoxy)methane	0.509	0.483	0.050	-5.0859	20.0
2,4-Dichlorophenol	0.298	0.304	0.060	1.8221	20.0
Naphthalene	1.119	1.046	0.200	-6.5051	20.0
4-Chloroaniline	0.489	0.440	0.010	-9.9978	40.0
Hexachlorobutadiene	0.206	0.227	0.040	10.1728	30.0
Caprolactam	0.123	0.103	0.010	-16.1573	40.0
4-Chloro-3-methylphenol	0.417	0.378	0.040	-9.4658	25.0
1-Methylnaphthalene	0.843	0.761	0.100	-9.6718	20.0
2-Methylnaphthalene	0.790	0.730	0.100	-7.5563	20.0
Hexachlorocyclopentadiene	0.337	0.331	0.010	-1.5873	40.0
2,4,6-Trichlorophenol	0.365	0.394	0.090	7.9524	25.0
2,4,5-Trichlorophenol	0.398	0.423	0.100	6.2691	25.0
1,1-Biphenyl	1.449	1.515	0.200	4.5717	20.0
2-Chloronaphthalene	1.113	1.150	0.300	3.3417	20.0
2-Nitroaniline	0.381	0.481	0.050	26.2969	40.0
Dimethylphthalate	1.528	1.439	0.300	-5.8761	20.0
2,6-Dinitrotoluene	0.254	0.299	0.080	18.0811	30.0
Acenaphthylene	1.883	1.855	0.400	-1.4503	20.0
3-Nitroaniline	0.260	0.314	0.010	20.9344	40.0
Acenaphthene	1.304	1.283	0.200	-1.5809	20.0
2,4-Dinitrophenol	0.129	0.142	0.010	9.8683	40.0
4-Nitrophenol	0.273	0.268	0.010	-1.9878	40.0
Dibenzofuran	1.825	1.782	0.300	-2.3469	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124

Instrument ID: BNA_G Calibration Date/Time: 7/2/2024 12:04:59

Lab File ID: BG061832.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020549 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.447	0.070	18.7712	30.0
Diethylphthalate	1.574	1.465	0.300	-6.9568	20.0
Fluorene	1.510	1.459	0.200	-3.3611	20.0
4-Chlorophenyl-phenylether	0.750	0.734	0.100	-2.1133	20.0
4-Nitroaniline	0.275	0.329	0.010	19.4534	40.0
4,6-Dinitro-2-methylphenol	0.097	0.103	0.010	5.8717	40.0
N-Nitrosodiphenylamine	0.517	0.538	0.050	3.9333	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.628	0.100	11.0208	20.0
4-Bromophenyl-phenylether	0.206	0.223	0.070	8.3479	20.0
Hexachlorobenzene	0.250	0.260	0.050	4.0172	25.0
Atrazine	0.207	0.214	0.010	3.6103	25.0
Pentachlorophenol	0.152	0.133	0.010	-12.826	40.0
Phenanthrene	1.052	1.055	0.200	0.2619	20.0
Pentachlorobenzene	0.268	0.299	0.050	11.8724	20.0
Anthracene	1.076	1.066	0.200	-0.959	20.0
1,2,3,4-Tetrachlorobenzene	0.223	0.276	0.050	24.074	20.0
Carbazole	0.914	0.918	0.050	0.4668	40.0
Di-n-butylphthalate	1.093	1.136	0.500	4.0045	25.0
Fluoranthene	1.296	1.388	0.400	7.0466	25.0
Pyrene	1.378	1.429	0.400	3.6818	25.0
Butylbenzylphthalate	0.502	0.579	0.100	15.4029	40.0
3,3-Dichlorobenzidine	0.423	0.473	0.010	11.8518	40.0
Benzo (a) anthracene	1.404	1.409	0.300	0.3381	30.0
Chrysene	1.328	1.303	0.200	-1.922	30.0
Bis(2-ethylhexyl)phthalate	0.738	0.845	0.200	14.6047	40.0
Di-n-octyl phthalate	1.055	1.213	0.010	14.9804	40.0
Benzo (b) fluoranthene	1.202	1.223	0.200	1.6944	25.0
Benzo (k) fluoranthene	1.236	1.191	0.200	-3.6364	25.0
Benzo (a) pyrene	1.157	1.135	0.200	-1.9186	20.0
Indeno (1,2,3-cd) pyrene	1.442	1.482	0.200	2.722	25.0
Dibenzo (a,h) anthracene	1.199	1.212	0.200	1.0829	30.0
Benzo (g,h,i) perylene	1.163	1.149	0.200	-1.1846	30.0
2,3,4,6-Tetrachlorophenol	0.390	0.379	0.040	-2.9815	20.0
1,4-Dioxane-d8	0.554	0.523	0.010	-5.5469	25.0
Pyridine-d5	1.674	1.570	0.010	-6.1963	40.0
Phenol-d5	2.171	2.048	0.010	-5.6539	25.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.236	0.050	-8.6921	25.0
2-Chlorophenol-d4	1.490	1.436	0.200	-3.6018	20.0
4-Methylphenol-d8	1.678	1.531	0.010	-8.7817	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124

Instrument ID: BNA_G Calibration Date/Time: 7/2/2024 12:04:59

Lab File ID: BG061832.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020549 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.153	0.050	12.9202	20.0
2-Nitrophenol-d4	0.138	0.173	0.050	25.691	30.0
2,4-Dichlorophenol-d3	0.326	0.333	0.060	2.3951	20.0
4-Chloroaniline-d4	0.493	0.448	0.010	-9.1329	40.0
Dimethylphthalate-d6	1.539	1.481	0.300	-3.7776	20.0
Acenaphthylene-d8	1.687	1.716	0.400	1.712	20.0
4-Nitrophenol-d4	0.264	0.261	0.010	-1.3178	40.0
Fluorene-d10	1.347	1.323	0.100	-1.8009	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.093	0.010	9.0718	40.0
Anthracene-d10	0.913	0.921	0.300	0.9136	20.0
Pyrene-d10	1.117	1.180	0.300	5.6263	25.0
Benzo(a)pyrene-d12	0.955	0.951	0.010	-0.3955	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124

Instrument ID: BNA_G Calibration Date/Time: 7/2/2024 12:15:44

Lab File ID: BG061848.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020550 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.688	0.596	0.010	-13.3499	50.0
Benzaldehyde	1.068	1.226	0.010	14.7446	50.0
Pyridine	1.799	1.738	0.010	-3.4365	50.0
Phenol	2.285	2.023	0.080	-11.4624	50.0
Bis(2-Chloroethyl)ether	1.720	1.516	0.100	-11.8253	50.0
2-Chlorophenol	1.495	1.469	0.200	-1.7389	50.0
2-Methylphenol	1.599	1.458	0.010	-8.7888	50.0
2,2-oxybis(1-Chloropropane)	3.513	3.223	0.010	-8.259	50.0
Acetophenone	2.764	2.364	0.060	-14.4802	50.0
4-Methylphenol	1.791	1.574	0.010	-12.0957	50.0
N-Nitroso-di-n-propylamine	1.485	1.251	0.050	-15.7362	50.0
Hexachloroethane	0.599	0.607	0.100	1.2271	50.0
Nitrobenzene	0.391	0.420	0.050	7.3813	50.0
Isophorone	0.900	0.783	0.050	-12.9591	50.0
2-Nitrophenol	0.144	0.175	0.050	21.4702	50.0
2,4-Dimethylphenol	0.402	0.396	0.050	-1.5374	50.0
Bis(2-Chloroethoxy)methane	0.509	0.461	0.050	-9.3488	50.0
2,4-Dichlorophenol	0.298	0.303	0.060	1.5656	50.0
Naphthalene	1.119	1.035	0.200	-7.5358	50.0
4-Chloroaniline	0.489	0.417	0.010	-14.6475	50.0
Hexachlorobutadiene	0.206	0.233	0.040	13.0955	50.0
Caprolactam	0.123	0.098	0.010	-20.5683	50.0
4-Chloro-3-methylphenol	0.417	0.375	0.040	-10.2164	50.0
1-Methylnaphthalene	0.843	0.727	0.100	-13.7608	50.0
2-Methylnaphthalene	0.790	0.711	0.100	-9.9811	50.0
Hexachlorocyclopentadiene	0.337	0.233	0.010	-30.9113	50.0
2,4,6-Trichlorophenol	0.365	0.425	0.090	16.3257	50.0
2,4,5-Trichlorophenol	0.398	0.440	0.100	10.4405	50.0
1,1-Biphenyl	1.449	1.577	0.200	8.8181	50.0
2-Chloronaphthalene	1.113	1.212	0.300	8.9406	50.0
2-Nitroaniline	0.381	0.494	0.050	29.6306	50.0
Dimethylphthalate	1.528	1.461	0.300	-4.3737	50.0
2,6-Dinitrotoluene	0.254	0.298	0.080	17.5921	50.0
Acenaphthylene	1.883	1.869	0.400	-0.7093	50.0
3-Nitroaniline	0.260	0.319	0.010	23.005	50.0
Acenaphthene	1.304	1.297	0.200	-0.5186	50.0
2,4-Dinitrophenol	0.129	0.105	0.010	-18.3706	50.0
4-Nitrophenol	0.273	0.267	0.010	-2.1457	50.0
Dibenzofuran	1.825	1.767	0.300	-3.1746	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124
Instrument ID: BNA_G Calibration Date/Time: 7/2/2024 12:15:44
Lab File ID: BG061848.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020550 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.451	0.070	19.8089	50.0
Diethylphthalate	1.574	1.521	0.300	-3.3441	50.0
Fluorene	1.510	1.471	0.200	-2.5947	50.0
4-Chlorophenyl-phenylether	0.750	0.739	0.100	-1.3974	50.0
4-Nitroaniline	0.275	0.319	0.010	16.0911	50.0
4,6-Dinitro-2-methylphenol	0.097	0.080	0.010	-17.5863	50.0
N-Nitrosodiphenylamine	0.517	0.555	0.050	7.3618	50.0
1,2,4,5-Tetrachlorobenzene	0.566	0.659	0.100	16.4442	50.0
4-Bromophenyl-phenylether	0.206	0.237	0.070	15.1168	50.0
Hexachlorobenzene	0.250	0.261	0.050	4.4502	50.0
Atrazine	0.207	0.212	0.010	2.5933	50.0
Pentachlorophenol	0.152	0.135	0.010	-11.0354	50.0
Phenanthrene	1.052	1.021	0.200	-2.9412	50.0
Pentachlorobenzene	0.268	0.318	0.050	18.868	50.0
Anthracene	1.076	1.065	0.200	-0.9803	50.0
1,2,3,4-Tetrachlorobenzene	0.223	0.298	0.050	33.788	50.0
Carbazole	0.914	0.892	0.050	-2.3775	50.0
Di-n-butylphthalate	1.093	1.142	0.500	4.4976	50.0
Fluoranthene	1.296	1.433	0.400	10.5527	50.0
Pyrene	1.378	1.454	0.400	5.5263	50.0
Butylbenzylphthalate	0.502	0.610	0.100	21.5549	50.0
3,3-Dichlorobenzidine	0.423	0.434	0.010	2.5102	50.0
Benzo (a) anthracene	1.404	1.422	0.300	1.325	50.0
Chrysene	1.328	1.308	0.200	-1.563	50.0
Bis (2-ethylhexyl) phthalate	0.738	0.881	0.200	19.4764	50.0
Di-n-octyl phthalate	1.055	1.270	0.010	20.3788	50.0
Benzo (b) fluoranthene	1.202	1.232	0.200	2.4398	50.0
Benzo (k) fluoranthene	1.236	1.222	0.200	-1.1501	50.0
Benzo (a) pyrene	1.157	1.153	0.200	-0.4053	50.0
Indeno (1,2,3-cd) pyrene	1.442	1.467	0.200	1.713	50.0
Dibenzo (a,h) anthracene	1.199	1.201	0.200	0.1774	50.0
Benzo (g,h,i) perylene	1.163	1.151	0.200	-0.9786	50.0
2,3,4,6-Tetrachlorophenol	0.390	0.391	0.040	0.1487	50.0
Pyridine-d5	1.674	1.682	0.010	0.5101	50.0
1,4-Dioxane-d8	0.554	0.519	0.010	-6.2163	50.0
Phenol-d5	2.171	2.034	0.010	-6.2963	50.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.215	0.050	-10.2459	50.0
2-Chlorophenol-d4	1.490	1.442	0.200	-3.1868	50.0
4-Methylphenol-d8	1.678	1.550	0.010	-7.6788	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG No.: BG070124

Instrument ID: BNA_G Calibration Date/Time: 7/2/2024 12:15:44

Lab File ID: BG061848.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020550 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.152	0.050	12.0922	50.0
2-Nitrophenol-d4	0.138	0.178	0.050	29.1644	50.0
2,4-Dichlorophenol-d3	0.326	0.331	0.060	1.6471	50.0
4-Chloroaniline-d4	0.493	0.434	0.010	-11.9282	50.0
Dimethylphthalate-d6	1.539	1.523	0.300	-1.0554	50.0
Acenaphthylene-d8	1.687	1.750	0.400	3.7698	50.0
4-Nitrophenol-d4	0.264	0.250	0.010	-5.4806	50.0
Fluorene-d10	1.347	1.315	0.100	-2.432	50.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.078	0.010	-8.599	50.0
Anthracene-d10	0.913	0.911	0.300	-0.1892	50.0
Pyrene-d10	1.117	1.203	0.300	7.7063	50.0
Benzo(a)pyrene-d12	0.955	0.986	0.010	3.2096	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK602	SDG No.:	BG070124
Lab Sample ID:	PB161602BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061806.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK602	SDG No.:	BG070124
Lab Sample ID:	PB161602BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061806.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK602	SDG No.:	BG070124
Lab Sample ID:	PB161602BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061806.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.591		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	30.379		20-120		76	SPK: -40
4165-62-2	Phenol-d5	29.259		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.536		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.687		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	28.068		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	34.412		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.312		10-120		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.901		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.1		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.701		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	31.445		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.506		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	30.418		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK602	SDG No.:	BG070124
Lab Sample ID:	PB161602BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061806.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.727		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	31.408		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	34.237		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.072		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67838	8.054				
1146-65-2	Naphthalene-d8	319508	10.868				
15067-26-2	Acenaphthene-d10	211441	14.681				
1517-22-2	Phenanthrene-d10	457534	17.425				
1719-03-5	Chrysene-d12	363190	21.685				
1520-96-3	Perylene-d12	425417	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66	SDG No.:	BG070124
Lab Sample ID:	P2871-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG061807.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.2	83	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	96	U	96	210	410	ug/Kg
108-95-2	Phenol	49	J	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	82	U	82	100	410	ug/Kg
106-44-5	4-Methylphenol	170	J	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	99	U	99	53	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	53	210	ug/Kg
98-95-3	Nitrobenzene	80	U	80	53	210	ug/Kg
78-59-1	Isophorone	82	U	82	53	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	53	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53	210	ug/Kg
105-60-2	Caprolactam	80	U	80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66	SDG No.:	BG070124
Lab Sample ID:	P2871-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG061807.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	53	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	53	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	53	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	53	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	53	210	ug/Kg
86-73-7	Fluorene	34	U	34	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	53	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	250		34	53	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	53	210	ug/Kg
120-12-7	Anthracene	49	J	31	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53	210	ug/Kg
206-44-0	Fluoranthene	570		24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66	SDG No.:	BG070124
Lab Sample ID:	P2871-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG061807.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	400		22	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	210		29	53	210	ug/Kg
218-01-9	Chrysene	240		30	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	J	31	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		46	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	47	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	39	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90	J	35	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.944		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	5.764	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	26.138		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.04		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.176		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	18.626		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	31.232		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.484		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.927		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.939		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.906		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	29.262		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.37		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	28.52		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66	SDG No.:	BG070124
Lab Sample ID:	P2871-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG061807.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.144		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	29.613		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	28.689		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.035		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76952	8.059				
1146-65-2	Naphthalene-d8	371641	10.867				
15067-26-2	Acenaphthene-d10	241134	14.681				
1517-22-2	Phenanthrene-d10	508536	17.424				
1719-03-5	Chrysene-d12	391957	21.684				
1520-96-3	Perylene-d12	449314	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66MS	SDG No.:	BG070124
Lab Sample ID:	P2871-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
Sample Wt/Vol:	30.09 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
BG061808.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	510		34	8.2	83	ug/Kg
100-52-7	Benzaldehyde	1100		72	100	410	ug/Kg
110-86-1	Pyridine	420		96	210	410	ug/Kg
108-95-2	Phenol	1600		37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		36	100	410	ug/Kg
95-57-8	2-Chlorophenol	1600		35	53	210	ug/Kg
95-48-7	2-Methylphenol	1400		39	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		50	100	410	ug/Kg
98-86-2	Acetophenone	1500		82	100	410	ug/Kg
106-44-5	4-Methylphenol	1700		66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		99	53	210	ug/Kg
67-72-1	Hexachloroethane	1300		76	53	210	ug/Kg
98-95-3	Nitrobenzene	1700		80	53	210	ug/Kg
78-59-1	Isophorone	1500		82	53	210	ug/Kg
88-75-5	2-Nitrophenol	2100		75	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	640		40	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		56	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		47	53	210	ug/Kg
91-20-3	Naphthalene	1600		30	53	210	ug/Kg
106-47-8	4-Chloroaniline	980		45	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	1800		44	53	210	ug/Kg
105-60-2	Caprolactam	1200		80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		51	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	1500		30	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	1600		40	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	790		120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		30	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		41	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66MS	SDG No.:	BG070124
Lab Sample ID:	P2871-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
Sample Wt/Vol:	30.09 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
BG061808.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700		32	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	1700		41	53	210	ug/Kg
88-74-4	2-Nitroaniline	2100		56	53	210	ug/Kg
131-11-3	Dimethylphthalate	1600		37	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		25	53	210	ug/Kg
208-96-8	Acenaphthylene	1600		36	53	210	ug/Kg
99-09-2	3-Nitroaniline	1900		82	100	410	ug/Kg
83-32-9	Acenaphthene	1600		32	53	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		160	100	410	ug/Kg
100-02-7	4-Nitrophenol	1700		55	100	410	ug/Kg
132-64-9	Dibenzofuran	1700		34	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		44	53	210	ug/Kg
84-66-2	Diethylphthalate	1600		41	53	210	ug/Kg
86-73-7	Fluorene	1600		34	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		25	53	210	ug/Kg
100-01-6	4-Nitroaniline	1800		30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1800		30	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		42	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		32	53	210	ug/Kg
118-74-1	Hexachlorobenzene	1400		35	53	210	ug/Kg
1912-24-9	Atrazine	1300		35	100	410	ug/Kg
87-86-5	Pentachlorophenol	1300		110	100	410	ug/Kg
85-01-8	Phenanthrene	1900		34	53	210	ug/Kg
608-93-5	Pentachlorobenzene	1600		46	53	210	ug/Kg
120-12-7	Anthracene	1700		31	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2200		21	53	210	ug/Kg
86-74-8	Carbazole	1500		42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1800		34	53	210	ug/Kg
206-44-0	Fluoranthene	2400		24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66MS	SDG No.:	BG070124
Lab Sample ID:	P2871-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
Sample Wt/Vol:	30.09 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
BG061808.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1900		22	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	2100		27	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1900		29	53	210	ug/Kg
218-01-9	Chrysene	1900		30	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		31	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		46	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		47	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	950		39	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		35	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		32	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	J	40	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		45	53	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.901		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	16.788		20-120		42	SPK: -40
4165-62-2	Phenol-d5	29.422		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.907		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.38		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.442		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	36.727		10-135		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.105		10-120		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.365		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.352		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.95		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	32.623		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.217		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	31.997		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66MS	SDG No.:	BG070124
Lab Sample ID:	P2871-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
Sample Wt/Vol:	30.09 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
BG061808.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.273		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	32.708		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	32.015		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.415		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74045	8.053				
1146-65-2	Naphthalene-d8	348523	10.868				
15067-26-2	Acenaphthene-d10	229089	14.681				
1517-22-2	Phenanthrene-d10	496818	17.425				
1719-03-5	Chrysene-d12	376699	21.69				
1520-96-3	Perylene-d12	442652	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66MSD	SDG No.:	BG070124
Lab Sample ID:	P2871-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG061809.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	420		34	8.2	83	ug/Kg
100-52-7	Benzaldehyde	990		72	100	410	ug/Kg
110-86-1	Pyridine	530		96	210	410	ug/Kg
108-95-2	Phenol	1500		37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		36	100	410	ug/Kg
95-57-8	2-Chlorophenol	1500		35	53	210	ug/Kg
95-48-7	2-Methylphenol	1300		39	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		50	100	410	ug/Kg
98-86-2	Acetophenone	1300		82	100	410	ug/Kg
106-44-5	4-Methylphenol	1500		66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		99	53	210	ug/Kg
67-72-1	Hexachloroethane	1200		76	53	210	ug/Kg
98-95-3	Nitrobenzene	1700		80	53	210	ug/Kg
78-59-1	Isophorone	1400		82	53	210	ug/Kg
88-75-5	2-Nitrophenol	1900		75	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	600		40	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		56	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		47	53	210	ug/Kg
91-20-3	Naphthalene	1500		30	53	210	ug/Kg
106-47-8	4-Chloroaniline	800		45	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	1700		44	53	210	ug/Kg
105-60-2	Caprolactam	1200		80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		51	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	1400		30	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	1500		40	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	730		120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		30	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		41	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66MSD	SDG No.:	BG070124
Lab Sample ID:	P2871-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG061809.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700		32	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	1600		41	53	210	ug/Kg
88-74-4	2-Nitroaniline	2000		56	53	210	ug/Kg
131-11-3	Dimethylphthalate	1500		37	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		25	53	210	ug/Kg
208-96-8	Acenaphthylene	1500		36	53	210	ug/Kg
99-09-2	3-Nitroaniline	1700		82	100	410	ug/Kg
83-32-9	Acenaphthene	1500		32	53	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		160	100	410	ug/Kg
100-02-7	4-Nitrophenol	1700		55	100	410	ug/Kg
132-64-9	Dibenzofuran	1600		34	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		44	53	210	ug/Kg
84-66-2	Diethylphthalate	1500		41	53	210	ug/Kg
86-73-7	Fluorene	1600		34	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		25	53	210	ug/Kg
100-01-6	4-Nitroaniline	1800		30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1700		30	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		42	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		32	53	210	ug/Kg
118-74-1	Hexachlorobenzene	1300		35	53	210	ug/Kg
1912-24-9	Atrazine	1300		35	100	410	ug/Kg
87-86-5	Pentachlorophenol	1300		110	100	410	ug/Kg
85-01-8	Phenanthrene	1700		34	53	210	ug/Kg
608-93-5	Pentachlorobenzene	1500		46	53	210	ug/Kg
120-12-7	Anthracene	1500		31	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2000		21	53	210	ug/Kg
86-74-8	Carbazole	1400		42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1700		34	53	210	ug/Kg
206-44-0	Fluoranthene	2400		24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66MSD	SDG No.:	BG070124
Lab Sample ID:	P2871-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG061809.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800		22	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	2000		27	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1900		29	53	210	ug/Kg
218-01-9	Chrysene	1800		30	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		31	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		46	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		47	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	910		39	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		35	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		32	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	40	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		45	53	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.857		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	11.337		20-120		28	SPK: -40
4165-62-2	Phenol-d5	26.246		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.879		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.638		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	24.306		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	31.843		10-135		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.449		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.88		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.376		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.604		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	30.892		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.065		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	30.788		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	A4C66MSD	SDG No.:	BG070124
Lab Sample ID:	P2871-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG061809.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.73		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	29.363		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	30.255		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.384		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68464	8.053				
1146-65-2	Naphthalene-d8	313074	10.868				
15067-26-2	Acenaphthene-d10	204622	14.687				
1517-22-2	Phenanthrene-d10	466291	17.43				
1719-03-5	Chrysene-d12	349341	21.696				
1520-96-3	Perylene-d12	413906	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C54	SDG No.:	BG070124
Lab Sample ID:	P2871-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.3
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
BG061810.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	42	U	42	10.3	100	ug/Kg
100-52-7	Benzaldehyde	91	U	91	130	520	ug/Kg
110-86-1	Pyridine	120	U	120	260	520	ug/Kg
108-95-2	Phenol	47	U	47	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	130	520	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	66.5	270	ug/Kg
95-48-7	2-Methylphenol	49	U	49	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	130	520	ug/Kg
98-86-2	Acetophenone	100	U	100	130	520	ug/Kg
106-44-5	4-Methylphenol	83	U	83	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	66.5	270	ug/Kg
67-72-1	Hexachloroethane	95	U	95	66.5	270	ug/Kg
98-95-3	Nitrobenzene	100	U	100	66.5	270	ug/Kg
78-59-1	Isophorone	100	U	100	66.5	270	ug/Kg
88-75-5	2-Nitrophenol	94	U	94	66.5	270	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	66.5	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	70	U	70	66.5	270	ug/Kg
120-83-2	2,4-Dichlorophenol	59	U	59	66.5	270	ug/Kg
91-20-3	Naphthalene	38	U	38	66.5	270	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	66.5	520	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	66.5	270	ug/Kg
105-60-2	Caprolactam	100	U	100	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	66.5	270	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	66.5	270	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	66.5	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	38	U	38	66.5	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	66.5	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C54	SDG No.:	BG070124
Lab Sample ID:	P2871-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.3
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
BG061810.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	66.5	270	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	66.5	270	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	66.5	270	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	66.5	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	66.5	270	ug/Kg
208-96-8	Acenaphthylene	45	U	45	66.5	270	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	130	520	ug/Kg
83-32-9	Acenaphthene	41	U	41	66.5	270	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	130	520	ug/Kg
100-02-7	4-Nitrophenol	69	U	69	130	520	ug/Kg
132-64-9	Dibenzofuran	42	U	42	66.5	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	66.5	270	ug/Kg
84-66-2	Diethylphthalate	52	U	52	66.5	270	ug/Kg
86-73-7	Fluorene	42	U	42	66.5	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	66.5	270	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	59	U	59	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	66.5	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	66.5	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	66.5	270	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	66.5	270	ug/Kg
1912-24-9	Atrazine	44	U	44	130	520	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	520	ug/Kg
85-01-8	Phenanthrene	560		42	66.5	270	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	66.5	270	ug/Kg
120-12-7	Anthracene	120	J	39	66.5	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	27	U	27	66.5	270	ug/Kg
86-74-8	Carbazole	61	J	53	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	62	J	42	66.5	270	ug/Kg
206-44-0	Fluoranthene	1200		30	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C54	SDG No.:	BG070124
Lab Sample ID:	P2871-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.3
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
BG061810.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	800		28	66.5	270	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	66.5	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	81	U	81	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	460		36	66.5	270	ug/Kg
218-01-9	Chrysene	530		38	66.5	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	J	39	66.5	270	ug/Kg
117-84-0	Di-n-octyl phthalate	75	U	75	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	700		58	66.5	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	59	66.5	270	ug/Kg
50-32-8	Benzo(a)pyrene	280		49	66.5	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	J	44	66.5	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	41	66.5	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	66.5	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	66.5	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.887		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	1.474	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	22.126		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.707		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.874		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	16.181		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	26.946		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.999		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.955		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.225		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.526		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.971		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.541		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	24.565		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C54	SDG No.:	BG070124
Lab Sample ID:	P2871-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.3
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
BG061810.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.283		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	25.02		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	25.661		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.232		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66046	8.055				
1146-65-2	Naphthalene-d8	315275	10.869				
15067-26-2	Acenaphthene-d10	199569	14.688				
1517-22-2	Phenanthrene-d10	440602	17.432				
1719-03-5	Chrysene-d12	340138	21.692				
1520-96-3	Perylene-d12	402992	24.912				
TENTATIVE IDENTIFIED COMPOUNDS							
000616-45-5	2-Pyrrolidinone	250	J			3.989	
	unknown-01	270	J			5.135	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.598	
000613-12-7	Anthracene, 2-methyl-	190	J			18.308	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			18.496	
003079-32-1	Sulfoxide, hexadecyl methyl	360	J			21.339	
	(DEL) Alkane: Straight-Chain24.013	1000	J			24.013	
E966796	Total Alkanes	1000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C57	SDG No.:	BG070124
Lab Sample ID:	P2871-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BG061811.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	74	ug/Kg
100-52-7	Benzaldehyde	71	J	64	91.1	360	ug/Kg
110-86-1	Pyridine	85	U	85	180	360	ug/Kg
108-95-2	Phenol	33	U	33	91.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.1	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.9	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.1	360	ug/Kg
98-86-2	Acetophenone	73	U	73	91.1	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	91.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	46.9	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.9	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	46.9	190	ug/Kg
78-59-1	Isophorone	73	U	73	46.9	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	46.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	46.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.9	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.9	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	46.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	46.9	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C57	SDG No.:	BG070124
Lab Sample ID:	P2871-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BG061811.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	46.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.9	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	46.9	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.9	190	ug/Kg
208-96-8	Acenaphthylene	37	J	32	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.1	360	ug/Kg
83-32-9	Acenaphthene	41	J	29	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.1	360	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.1	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	46.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	46.9	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.9	190	ug/Kg
86-73-7	Fluorene	38	J	30	46.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.9	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	91.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	46.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	46.9	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.9	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.1	360	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	91.1	360	ug/Kg
85-01-8	Phenanthrene	520		30	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	46.9	190	ug/Kg
120-12-7	Anthracene	110	J	28	46.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.9	190	ug/Kg
86-74-8	Carbazole	44	J	38	91.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	46.9	190	ug/Kg
206-44-0	Fluoranthene	920		21	91.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C57	SDG No.:	BG070124
Lab Sample ID:	P2871-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BG061811.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	690		20	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	91.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	390		25	46.9	190	ug/Kg
218-01-9	Chrysene	430		26	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	510		41	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		42	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	250		34	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190		31	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	78	J	29	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.83		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	22.413		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.356		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.391		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.883		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	28.901		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.662		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.366		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.098		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.452		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.683		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.013		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.3		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C57	SDG No.:	BG070124
Lab Sample ID:	P2871-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BG061811.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.079		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	26.3		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	27.053		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.286		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61574	8.061				
1146-65-2	Naphthalene-d8	282212	10.869				
15067-26-2	Acenaphthene-d10	180850	14.682				
1517-22-2	Phenanthrene-d10	393351	17.426				
1719-03-5	Chrysene-d12	299248	21.692				
1520-96-3	Perylene-d12	354179	24.912				
TENTATIVE IDENTIFIED COMPOUNDS							
000079-39-0	Methacrylamide	140	J			3.989	
	unknown-01	230	J			5.135	
000770-35-4	1-Phenoxypropan-2-ol	84	J			11.598	
000094-59-7	Safrole	540	J			12.315	
000532-28-5	Benzeneacetonitrile, .alpha.-hydro	130	J			12.538	
000610-48-0	Anthracene, 1-methyl-	250	J			18.308	
000613-12-7	Anthracene, 2-methyl-	110	J			18.349	
083469-43-6	6H-Cyclobuta[jk]phenanthrene	150	J			18.496	
018206-97-8	Octacosyl acetate	450	J			21.339	
	(DEL) Alkane: Straight-Chain22.509	550	J			22.509	
	(DEL) Alkane: Straight-Chain24.013	740	J			24.013	
E966796	Total Alkanes	1300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C60	SDG No.:	BG070124
Lab Sample ID:	P2871-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BG061812.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	97.1	390	ug/Kg
110-86-1	Pyridine	91	U	91	190	390	ug/Kg
108-95-2	Phenol	35	U	35	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.1	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.1	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	50	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	50	200	ug/Kg
78-59-1	Isophorone	78	U	78	50	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50	200	ug/Kg
91-20-3	Naphthalene	28	U	28	50	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50	200	ug/Kg
105-60-2	Caprolactam	75	U	75	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C60	SDG No.:	BG070124
Lab Sample ID:	P2871-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BG061812.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.1	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.1	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50	200	ug/Kg
86-73-7	Fluorene	32	U	32	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.1	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50	200	ug/Kg
120-12-7	Anthracene	29	U	29	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50	200	ug/Kg
206-44-0	Fluoranthene	51	J	22	97.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C60	SDG No.:	BG070124
Lab Sample ID:	P2871-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BG061812.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	48	J	21	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50	200	ug/Kg
218-01-9	Chrysene	28	U	28	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.992		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	29.922		20-120		75	SPK: -40
4165-62-2	Phenol-d5	35.24		10-130		88	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.591		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.506		15-120		86	SPK: -40
190780-66-6	4-Methylphenol-d8	34.158		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	41.064		10-135		103	SPK: -40
93951-78-1	2-Nitrophenol-d4	48.846	*	10-120		122	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.853		10-140		95	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.586		1-145		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.17		10-145		105	SPK: -40
93951-97-4	Acenaphthylene-d8	42.803		15-120		107	SPK: -40
93951-79-2	4-Nitrophenol-d4	39.766		10-150		99	SPK: -40
81103-79-9	Fluorene-d10	42.608		20-140		107	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4C60	SDG No.:	BG070124
Lab Sample ID:	P2871-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BG061812.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.104		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	43.071		10-150		108	SPK: -40
1718-52-1	Pyrene-d10	46.559		10-130		116	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.313		10-140		111	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61084	8.055				
1146-65-2	Naphthalene-d8	286568	10.869				
15067-26-2	Acenaphthene-d10	183797	14.688				
1517-22-2	Phenanthrene-d10	408275	17.426				
1719-03-5	Chrysene-d12	328800	21.692				
1520-96-3	Perylene-d12	378060	24.912				
TENTATIVE IDENTIFIED COMPOUNDS							
001119-40-0	Pentanedioic acid, dimethyl ester	93	J			9.77	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.598	
000057-10-3	n-Hexadecanoic acid	210	J			18.313	
	(DEL) Alkane: Cyclic	220	J			21.333	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CJ1	SDG No.:	BG070124
Lab Sample ID:	P2871-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.9
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
BG061813.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	60	U	60	14.6	150	ug/Kg
100-52-7	Benzaldehyde	130	U	130	180	730	ug/Kg
110-86-1	Pyridine	170	U	170	360	730	ug/Kg
108-95-2	Phenol	66	U	66	180	730	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	64	U	64	180	730	ug/Kg
95-57-8	2-Chlorophenol	62	U	62	93.9	380	ug/Kg
95-48-7	2-Methylphenol	69	U	69	180	730	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	88	U	88	180	730	ug/Kg
98-86-2	Acetophenone	150	U	150	180	730	ug/Kg
106-44-5	4-Methylphenol	120	U	120	180	730	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	93.9	380	ug/Kg
67-72-1	Hexachloroethane	130	U	130	93.9	380	ug/Kg
98-95-3	Nitrobenzene	140	U	140	93.9	380	ug/Kg
78-59-1	Isophorone	150	U	150	93.9	380	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	93.9	380	ug/Kg
105-67-9	2,4-Dimethylphenol	71	U	71	93.9	380	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	99	U	99	93.9	380	ug/Kg
120-83-2	2,4-Dichlorophenol	84	U	84	93.9	380	ug/Kg
91-20-3	Naphthalene	53	U	53	93.9	380	ug/Kg
106-47-8	4-Chloroaniline	80	U	80	93.9	730	ug/Kg
87-68-3	Hexachlorobutadiene	77	U	77	93.9	380	ug/Kg
105-60-2	Caprolactam	140	U	140	180	730	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91	U	91	93.9	380	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	93.9	380	ug/Kg
91-57-6	2-Methylnaphthalene	71	U	71	93.9	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	180	730	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	93.9	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73	U	73	93.9	380	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CJ1	SDG No.:	BG070124
Lab Sample ID:	P2871-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.9
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
BG061813.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	93.9	380	ug/Kg
91-58-7	2-Chloronaphthalene	73	U	73	93.9	380	ug/Kg
88-74-4	2-Nitroaniline	99	U	99	93.9	380	ug/Kg
131-11-3	Dimethylphthalate	66	U	66	93.9	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	93.9	380	ug/Kg
208-96-8	Acenaphthylene	64	U	64	93.9	380	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	180	730	ug/Kg
83-32-9	Acenaphthene	57	U	57	93.9	380	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	180	730	ug/Kg
100-02-7	4-Nitrophenol	97	U	97	180	730	ug/Kg
132-64-9	Dibenzofuran	60	U	60	93.9	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	77	U	77	93.9	380	ug/Kg
84-66-2	Diethylphthalate	73	U	73	93.9	380	ug/Kg
86-73-7	Fluorene	60	U	60	93.9	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	44	U	44	93.9	380	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	180	730	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	180	730	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	93.9	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	75	U	75	93.9	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	93.9	380	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	93.9	380	ug/Kg
1912-24-9	Atrazine	62	U	62	180	730	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	180	730	ug/Kg
85-01-8	Phenanthrene	560		60	93.9	380	ug/Kg
608-93-5	Pentachlorobenzene	82	U	82	93.9	380	ug/Kg
120-12-7	Anthracene	87	J	55	93.9	380	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	93.9	380	ug/Kg
86-74-8	Carbazole	75	U	75	180	730	ug/Kg
84-74-2	Di-n-butylphthalate	60	U	60	93.9	380	ug/Kg
206-44-0	Fluoranthene	1400		42	180	380	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CJ1	SDG No.:	BG070124
Lab Sample ID:	P2871-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061813.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	920		40	93.9	380	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	93.9	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	730	ug/Kg
56-55-3	Benzo(a)anthracene	510		51	93.9	380	ug/Kg
218-01-9	Chrysene	620		53	93.9	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	J	55	93.9	380	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	180	730	ug/Kg
205-99-2	Benzo(b)fluoranthene	820		82	93.9	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	J	84	93.9	380	ug/Kg
50-32-8	Benzo(a)pyrene	310	J	69	93.9	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	J	62	93.9	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	57	93.9	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	71	U	71	93.9	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80	U	80	93.9	380	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.008		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	2.55	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	21.119		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.581		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.383		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	17.619		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	27.658		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.404		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.803		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.548		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.087		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.755		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.453		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	24.612		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CJ1	SDG No.:	BG070124
Lab Sample ID:	P2871-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.9
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
BG061813.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.253		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	24.322		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	26.066		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.695		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63072	8.056				
1146-65-2	Naphthalene-d8	294729	10.871				
15067-26-2	Acenaphthene-d10	192704	14.684				
1517-22-2	Phenanthrene-d10	428347	17.428				
1719-03-5	Chrysene-d12	321440	21.693				
1520-96-3	Perylene-d12	379070	24.907				
TENTATIVE IDENTIFIED COMPOUNDS							
000079-39-0	Methacrylamide	180	J			3.99	
	unknown-01	400	J			5.13	
006180-61-6	1-Propanol, 3-phenoxy-	190	J			11.599	
000057-10-3	n-Hexadecanoic acid	250	J			18.309	
000203-64-5	4H-Cyclopenta[def]phenanthrene	200	J			18.497	
	unknown-02	160	J			19.278	
	(DEL) Alkane: Straight-Chain	21.335	J			21.335	
	(DEL) Alkane: Straight-Chain	24.014	J			24.014	
E966796	Total Alkanes	2000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN8	SDG No.:	BG070124
Lab Sample ID:	P2871-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.2
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
BG061814.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	6.8	34	ug/Kg
100-52-7	Benzaldehyde	30	U	30	85.2	170	ug/Kg
110-86-1	Pyridine	40	U	40	170	170	ug/Kg
108-95-2	Phenol	15	U	15	85.2	170	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	15	U	15	85.2	170	ug/Kg
95-57-8	2-Chlorophenol	14	U	14	43.9	88	ug/Kg
95-48-7	2-Methylphenol	16	U	16	85.2	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	21	U	21	85.2	170	ug/Kg
98-86-2	Acetophenone	34	U	34	85.2	170	ug/Kg
106-44-5	4-Methylphenol	27	U	27	85.2	170	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	43.9	88	ug/Kg
67-72-1	Hexachloroethane	32	U	32	43.9	88	ug/Kg
98-95-3	Nitrobenzene	33	U	33	43.9	88	ug/Kg
78-59-1	Isophorone	34	U	34	43.9	88	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	43.9	88	ug/Kg
105-67-9	2,4-Dimethylphenol	17	U	17	43.9	88	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	23	U	23	43.9	88	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	43.9	88	ug/Kg
91-20-3	Naphthalene	12	U	12	43.9	88	ug/Kg
106-47-8	4-Chloroaniline	19	U	19	43.9	170	ug/Kg
87-68-3	Hexachlorobutadiene	18	U	18	43.9	88	ug/Kg
105-60-2	Caprolactam	33	U	33	85.2	170	ug/Kg
59-50-7	4-Chloro-3-methylphenol	21	U	21	43.9	88	ug/Kg
90-12-0	1-Methylnaphthalene	12	U	12	43.9	88	ug/Kg
91-57-6	2-Methylnaphthalene	17	U	17	43.9	88	ug/Kg
77-47-4	Hexachlorocyclopentadiene	50	U	50	85.2	170	ug/Kg
88-06-2	2,4,6-Trichlorophenol	12	U	12	43.9	88	ug/Kg
95-95-4	2,4,5-Trichlorophenol	17	U	17	43.9	88	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN8	SDG No.:	BG070124
Lab Sample ID:	P2871-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.2
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
BG061814.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	13	U	13	43.9	88	ug/Kg
91-58-7	2-Chloronaphthalene	17	U	17	43.9	88	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	43.9	88	ug/Kg
131-11-3	Dimethylphthalate	15	U	15	43.9	88	ug/Kg
606-20-2	2,6-Dinitrotoluene	10	U	10	43.9	88	ug/Kg
208-96-8	Acenaphthylene	15	U	15	43.9	88	ug/Kg
99-09-2	3-Nitroaniline	34	U	34	85.2	170	ug/Kg
83-32-9	Acenaphthene	13	U	13	43.9	88	ug/Kg
51-28-5	2,4-Dinitrophenol	67	U	67	85.2	170	ug/Kg
100-02-7	4-Nitrophenol	23	U	23	85.2	170	ug/Kg
132-64-9	Dibenzofuran	14	U	14	43.9	88	ug/Kg
121-14-2	2,4-Dinitrotoluene	18	U	18	43.9	88	ug/Kg
84-66-2	Diethylphthalate	17	U	17	43.9	88	ug/Kg
86-73-7	Fluorene	14	U	14	43.9	88	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	10	U	10	43.9	88	ug/Kg
100-01-6	4-Nitroaniline	12	U	12	85.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	85.2	170	ug/Kg
86-30-6	N-Nitrosodiphenylamine	12	U	12	43.9	88	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	18	U	18	43.9	88	ug/Kg
101-55-3	4-Bromophenyl-phenylether	13	U	13	43.9	88	ug/Kg
118-74-1	Hexachlorobenzene	14	U	14	43.9	88	ug/Kg
1912-24-9	Atrazine	14	U	14	85.2	170	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	85.2	170	ug/Kg
85-01-8	Phenanthrene	14	U	14	43.9	88	ug/Kg
608-93-5	Pentachlorobenzene	19	U	19	43.9	88	ug/Kg
120-12-7	Anthracene	13	U	13	43.9	88	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	8.8	U	8.8	43.9	88	ug/Kg
86-74-8	Carbazole	18	U	18	85.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	14	U	14	43.9	88	ug/Kg
206-44-0	Fluoranthene	9.8	U	9.8	85.2	88	ug/Kg

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN8	SDG No.:	BG070124
Lab Sample ID:	P2871-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.2
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
BG061814.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	9.3	U	9.3	43.9	88	ug/Kg
85-68-7	Butylbenzylphthalate	11	U	11	43.9	88	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	85.2	170	ug/Kg
56-55-3	Benzo(a)anthracene	12	U	12	43.9	88	ug/Kg
218-01-9	Chrysene	12	U	12	43.9	88	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	13	U	13	43.9	88	ug/Kg
117-84-0	Di-n-octyl phthalate	25	U	25	85.2	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	19	U	19	43.9	88	ug/Kg
207-08-9	Benzo(k)fluoranthene	20	U	20	43.9	88	ug/Kg
50-32-8	Benzo(a)pyrene	16	U	16	43.9	88	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	43.9	88	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	13	U	13	43.9	88	ug/Kg
191-24-2	Benzo(g,h,i)perylene	17	U	17	43.9	88	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	19	U	19	43.9	88	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.9705		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	6.6445	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	13.788		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.273		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.8005		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	14.533		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	16.468		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.339		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.881		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.5025		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.522		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.984		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.9785		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	16.5665		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	6/13/2024 12:00:00 AM
Project:		Date Received:	6/13/2024 12:00:00 AM
Client Sample ID:	A4CN8	SDG No.:	BG070124
Lab Sample ID:	P2871-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	3.2
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
BG061814.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.9475		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	16.785		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	18.2465		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.376		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72865	8.059				
1146-65-2	Naphthalene-d8	346007	10.867				
15067-26-2	Acenaphthene-d10	218298	14.686				
1517-22-2	Phenanthrene-d10	478036	17.43				
1719-03-5	Chrysene-d12	376509	21.69				
1520-96-3	Perylene-d12	438523	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	130	J			3.728	
	unknown-01	160	J			14.621	
000111-37-5	1,2-Ethanediamine, N-ethyl-N-meth	43	J			16.425	
000057-10-3	n-Hexadecanoic acid	61	J			18.311	
000400-57-7	Heptafluorobutyric acid, n-octadec	180	J			21.331	
1000351-83-7	Tetracosyl heptafluorobutyrate	190	J			22.512	
035599-77-0	Tridecane, 1-iodo-	200	J			24.005	
	(DEL) Alkane: Straight-Chain26.108	550	J			26.108	
E966796	Total Alkanes	550				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SLCS602	SDG No.:	BG070124
Lab Sample ID:	PB161602BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061815.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	330		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1100		58	82.5	330	ug/Kg
110-86-1	Pyridine	810		77	170	330	ug/Kg
108-95-2	Phenol	940		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	910		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	960		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	930		40	82.5	330	ug/Kg
98-86-2	Acetophenone	910		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	910		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	860		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		64	42.5	170	ug/Kg
78-59-1	Isophorone	910		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1300		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	800		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	970		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	970		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	820		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		35	42.5	170	ug/Kg
105-60-2	Caprolactam	920		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	920		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	980		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SLCS602	SDG No.:	BG070124
Lab Sample ID:	PB161602BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061815.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1300		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	960		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	990		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	980		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	890		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1000		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	980		33	42.5	170	ug/Kg
86-73-7	Fluorene	980		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1200		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		28	42.5	170	ug/Kg
1912-24-9	Atrazine	570		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	880		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1200		37	42.5	170	ug/Kg
120-12-7	Anthracene	1000		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		17	42.5	170	ug/Kg
86-74-8	Carbazole	1100		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1200		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SLCS602	SDG No.:	BG070124
Lab Sample ID:	PB161602BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061815.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1300		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		23	42.5	170	ug/Kg
218-01-9	Chrysene	1100		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	990		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.941		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	26.838		20-120		67	SPK: -40
4165-62-2	Phenol-d5	29.038		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.126		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.815		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	27.855		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	36.246		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.312		10-120		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.083		10-140		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.043		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.049		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	31.638		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.718		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	30.471		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SLCS602	SDG No.:	BG070124
Lab Sample ID:	PB161602BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061815.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.51		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	31.733		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	34.949		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.288		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72076	8.059				
1146-65-2	Naphthalene-d8	332540	10.867				
15067-26-2	Acenaphthene-d10	222311	14.686				
1517-22-2	Phenanthrene-d10	485318	17.43				
1719-03-5	Chrysene-d12	378838	21.69				
1520-96-3	Perylene-d12	440569	24.91				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK627	SDG No.:	BG070124
Lab Sample ID:	PB161627BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061817.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK627	SDG No.:	BG070124
Lab Sample ID:	PB161627BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061817.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK627	SDG No.:	BG070124
Lab Sample ID:	PB161627BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061817.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.079		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	29.846		20-120		75	SPK: -40
4165-62-2	Phenol-d5	30.167		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.412		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.916		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	29.126		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	36.202		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.135		10-120		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.631		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.092		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.589		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.273		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.039		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	31.332		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	SBLK627	SDG No.:	BG070124
Lab Sample ID:	PB161627BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061817.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.846		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	31.504		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	34.832		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.126		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78570	8.058				
1146-65-2	Naphthalene-d8	369691	10.867				
15067-26-2	Acenaphthene-d10	254119	14.68				
1517-22-2	Phenanthrene-d10	553668	17.43				
1719-03-5	Chrysene-d12	439656	21.69				
1520-96-3	Perylene-d12	523973	24.903				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	AR1660 50PPM			SDG No.:	BG070124		
Lab Sample ID:	AR1660 50PPM			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BG061818.D	1		7/1/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1200	U	1200	500	2000	ug/L
100-52-7	Benzaldehyde	2300	U	2300	5000	10000	ug/L
110-86-1	Pyridine	2200	U	2200	10000	10000	ug/L
108-95-2	Phenol	1500	U	1500	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	5000	10000	ug/L
95-57-8	2-Chlorophenol	1200	U	1200	2500	5000	ug/L
95-48-7	2-Methylphenol	820	U	820	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1200	U	1200	5000	10000	ug/L
98-86-2	Acetophenone	890	U	890	5000	10000	ug/L
106-44-5	4-Methylphenol	1200	U	1200	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1500	U	1500	2500	5000	ug/L
67-72-1	Hexachloroethane	1500	U	1500	2500	5000	ug/L
98-95-3	Nitrobenzene	990	U	990	2500	5000	ug/L
78-59-1	Isophorone	1100	U	1100	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	1100	U	1100	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1200	U	1200	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	930	U	930	2500	5000	ug/L
91-20-3	Naphthalene	700	U	700	2500	5000	ug/L
106-47-8	4-Chloroaniline	1800	U	1800	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	980	U	980	2500	5000	ug/L
105-60-2	Caprolactam	2900	U	2900	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	2000	U	2000	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	1000	U	1000	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1600	U	1600	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	810	U	810	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	800	U	800	2500	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	AR1660 50PPM			SDG No.:	BG070124		
Lab Sample ID:	AR1660 50PPM			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BG061818.D	1		7/1/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	990	U	990	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1700	U	1700	2500	5000	ug/L
131-11-3	Dimethylphthalate	1300	U	1300	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1300	U	1300	2500	5000	ug/L
208-96-8	Acenaphthylene	1100	U	1100	2500	5000	ug/L
99-09-2	3-Nitroaniline	1500	U	1500	5000	10000	ug/L
83-32-9	Acenaphthene	1100	U	1100	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	2800	U	2800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	870	U	870	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1100	U	1100	2500	5000	ug/L
84-66-2	Diethylphthalate	870	U	870	2500	5000	ug/L
86-73-7	Fluorene	870	U	870	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	960	U	960	2500	5000	ug/L
100-01-6	4-Nitroaniline	1200	U	1200	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	710	U	710	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	900	U	900	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	1400	U	1400	2500	5000	ug/L
118-74-1	Hexachlorobenzene	560	U	560	2500	5000	ug/L
1912-24-9	Atrazine	960	U	960	5000	10000	ug/L
87-86-5	Pentachlorophenol	2500	U	2500	5000	10000	ug/L
85-01-8	Phenanthrene	970	U	970	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1200	U	1200	2500	5000	ug/L
120-12-7	Anthracene	720	U	720	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	920	U	920	2500	5000	ug/L
86-74-8	Carbazole	1000	U	1000	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	810	U	810	2500	5000	ug/L
206-44-0	Fluoranthene	650	U	650	5000	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1660 50PPM	SDG No.:	BG070124
Lab Sample ID:	AR1660 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 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
BG061818.D	1		7/1/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530	U	530	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	970	U	970	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	560	U	560	2500	5000	ug/L
218-01-9	Chrysene	750	U	750	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	870	U	870	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	1500	U	1500	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1100	U	1100	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1100	U	1100	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1200	U	1200	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1000	U	1000	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1660 50PPM	SDG No.:	BG070124
Lab Sample ID:	AR1660 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 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
BG061818.D	1		7/1/2024 12:00:00 AM	

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	0	U	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83936	8.051				
1146-65-2	Naphthalene-d8	353188	10.865				
15067-26-2	Acenaphthene-d10	230500	14.684				
1517-22-2	Phenanthrene-d10	506555	17.428				
1719-03-5	Chrysene-d12	420552	21.688				
1520-96-3	Perylene-d12	492796	24.901				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic3.338	3200	J			3.338	
	(DEL) Alkane: Straight-Chain3.374	26000	J			3.374	
033284-50-3	1,1-Biphenyl, 2,4-dichloro-	2600	J			16.652	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	3500	J			17.299	
015862-07-4	1,1-Biphenyl, 2,4,5-trichloro-	2100	J			17.592	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	5500	J			18.015	
038444-86-9	1,1-Biphenyl, 2,3,4-trichloro-	2500	J			18.151	
051908-16-8	1,1-Biphenyl, 2,2,3,4,5,5-hexa	2100	J			20.313	
033979-03-2	1,1-Biphenyl, 2,2,4,4,6,6-hexa	2700	J			20.589	
041411-63-6	2,3,4,4,5,6-Hexachloro-1,1-biphe	2200	J			20.906	
E966796	Total Alkanes	29000				99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	AR1254 50PPM			SDG No.:	BG070124		
Lab Sample ID:	AR1254 50PPM			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BG061819.D	1		7/1/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1200	U	1200	500	2000	ug/L
100-52-7	Benzaldehyde	2300	U	2300	5000	10000	ug/L
110-86-1	Pyridine	2200	U	2200	10000	10000	ug/L
108-95-2	Phenol	1500	U	1500	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	5000	10000	ug/L
95-57-8	2-Chlorophenol	1200	U	1200	2500	5000	ug/L
95-48-7	2-Methylphenol	820	U	820	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1200	U	1200	5000	10000	ug/L
98-86-2	Acetophenone	890	U	890	5000	10000	ug/L
106-44-5	4-Methylphenol	1200	U	1200	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1500	U	1500	2500	5000	ug/L
67-72-1	Hexachloroethane	1500	U	1500	2500	5000	ug/L
98-95-3	Nitrobenzene	990	U	990	2500	5000	ug/L
78-59-1	Isophorone	1100	U	1100	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	1100	U	1100	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1200	U	1200	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	930	U	930	2500	5000	ug/L
91-20-3	Naphthalene	700	U	700	2500	5000	ug/L
106-47-8	4-Chloroaniline	1800	U	1800	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	980	U	980	2500	5000	ug/L
105-60-2	Caprolactam	2900	U	2900	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	2000	U	2000	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	1000	U	1000	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1600	U	1600	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	810	U	810	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	800	U	800	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1254 50PPM	SDG No.:	BG070124
Lab Sample ID:	AR1254 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 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
BG061819.D	1		7/1/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	990	U	990	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1700	U	1700	2500	5000	ug/L
131-11-3	Dimethylphthalate	1300	U	1300	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1300	U	1300	2500	5000	ug/L
208-96-8	Acenaphthylene	1100	U	1100	2500	5000	ug/L
99-09-2	3-Nitroaniline	1500	U	1500	5000	10000	ug/L
83-32-9	Acenaphthene	1100	U	1100	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	2800	U	2800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	870	U	870	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1100	U	1100	2500	5000	ug/L
84-66-2	Diethylphthalate	870	U	870	2500	5000	ug/L
86-73-7	Fluorene	870	U	870	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	960	U	960	2500	5000	ug/L
100-01-6	4-Nitroaniline	1200	U	1200	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	710	U	710	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	900	U	900	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	1400	U	1400	2500	5000	ug/L
118-74-1	Hexachlorobenzene	560	U	560	2500	5000	ug/L
1912-24-9	Atrazine	960	U	960	5000	10000	ug/L
87-86-5	Pentachlorophenol	2500	U	2500	5000	10000	ug/L
85-01-8	Phenanthrene	970	U	970	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1200	U	1200	2500	5000	ug/L
120-12-7	Anthracene	720	U	720	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	920	U	920	2500	5000	ug/L
86-74-8	Carbazole	1000	U	1000	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	810	U	810	2500	5000	ug/L
206-44-0	Fluoranthene	650	U	650	5000	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1254 50PPM	SDG No.:	BG070124
Lab Sample ID:	AR1254 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 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
BG061819.D	1		7/1/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530	U	530	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	970	U	970	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	560	U	560	2500	5000	ug/L
218-01-9	Chrysene	750	U	750	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	870	U	870	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	1500	U	1500	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1100	U	1100	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1100	U	1100	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1200	U	1200	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1000	U	1000	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	AR1254 50PPM	SDG No.:	BG070124
Lab Sample ID:	AR1254 50PPM	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 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
BG061819.D	1		7/1/2024 12:00:00 AM	

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	0	U	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77402	8.053				
1146-65-2	Naphthalene-d8	328001	10.867				
15067-26-2	Acenaphthene-d10	215190	14.68				
1517-22-2	Phenanthrene-d10	482712	17.424				
1719-03-5	Chrysene-d12	399409	21.684				
1520-96-3	Perylene-d12	457008	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic3.335	4100	J			3.335	
	(DEL) Alkane: Straight-Chain3.376	29000	J			3.376	
036559-22-5	1,1-Biphenyl, 2,2,3,4-tetrachlo	2200	J			18.487	
056558-16-8	1,1-Biphenyl, 2,2,4,6,6-Pentach	4400	J			19.61	
060233-25-2	1,1-Biphenyl, 2,2,3,4,6-Pentach	3500	J			20.05	
074472-37-0	1,1-Biphenyl, 2,3,4,4,5-Pentachl	2800	J			20.362	
E966796	Total Alkanes	33000				99	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SBLK553	SDG No.:	BG070124
Lab Sample ID:	PB161553BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 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
BG061820.D	1		7/1/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1200	U	1200	500	2000	ug/L
100-52-7	Benzaldehyde	2300	U	2300	5000	10000	ug/L
110-86-1	Pyridine	2200	U	2200	10000	10000	ug/L
108-95-2	Phenol	1500	U	1500	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	5000	10000	ug/L
95-57-8	2-Chlorophenol	1200	U	1200	2500	5000	ug/L
95-48-7	2-Methylphenol	820	U	820	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1200	U	1200	5000	10000	ug/L
98-86-2	Acetophenone	890	U	890	5000	10000	ug/L
106-44-5	4-Methylphenol	1200	U	1200	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1500	U	1500	2500	5000	ug/L
67-72-1	Hexachloroethane	1500	U	1500	2500	5000	ug/L
98-95-3	Nitrobenzene	990	U	990	2500	5000	ug/L
78-59-1	Isophorone	1100	U	1100	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	1100	U	1100	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1200	U	1200	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	930	U	930	2500	5000	ug/L
91-20-3	Naphthalene	700	U	700	2500	5000	ug/L
106-47-8	4-Chloroaniline	1800	U	1800	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	980	U	980	2500	5000	ug/L
105-60-2	Caprolactam	2900	U	2900	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	2000	U	2000	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	1000	U	1000	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1600	U	1600	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	810	U	810	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	800	U	800	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SBLK553	SDG No.:	BG070124
Lab Sample ID:	PB161553BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 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
BG061820.D	1		7/1/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	990	U	990	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1700	U	1700	2500	5000	ug/L
131-11-3	Dimethylphthalate	1300	U	1300	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1300	U	1300	2500	5000	ug/L
208-96-8	Acenaphthylene	1100	U	1100	2500	5000	ug/L
99-09-2	3-Nitroaniline	1500	U	1500	5000	10000	ug/L
83-32-9	Acenaphthene	1100	U	1100	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	2800	U	2800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	870	U	870	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1100	U	1100	2500	5000	ug/L
84-66-2	Diethylphthalate	870	U	870	2500	5000	ug/L
86-73-7	Fluorene	870	U	870	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	960	U	960	2500	5000	ug/L
100-01-6	4-Nitroaniline	1200	U	1200	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	710	U	710	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	900	U	900	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	1400	U	1400	2500	5000	ug/L
118-74-1	Hexachlorobenzene	560	U	560	2500	5000	ug/L
1912-24-9	Atrazine	960	U	960	5000	10000	ug/L
87-86-5	Pentachlorophenol	2500	U	2500	5000	10000	ug/L
85-01-8	Phenanthrene	970	U	970	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1200	U	1200	2500	5000	ug/L
120-12-7	Anthracene	720	U	720	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	920	U	920	2500	5000	ug/L
86-74-8	Carbazole	1000	U	1000	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	810	U	810	2500	5000	ug/L
206-44-0	Fluoranthene	650	U	650	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SBLK553			SDG No.:	BG070124		
Lab Sample ID:	PB161553BL			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		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
BG061820.D	1		7/1/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530	U	530	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	970	U	970	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	560	U	560	2500	5000	ug/L
218-01-9	Chrysene	750	U	750	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	870	U	870	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	1500	U	1500	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1100	U	1100	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1100	U	1100	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1200	U	1200	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1000	U	1000	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SBLK553	SDG No.:	BG070124
Lab Sample ID:	PB161553BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 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
BG061820.D	1		7/1/2024 12:00:00 AM	

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	0	U	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88037	8.052				
1146-65-2	Naphthalene-d8	357795	10.867				
15067-26-2	Acenaphthene-d10	237824	14.68				
1517-22-2	Phenanthrene-d10	541588	17.43				
1719-03-5	Chrysene-d12	435399	21.689				
1520-96-3	Perylene-d12	512268	24.903				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.334	3200	J			3.334	
	(DEL) Alkane: Straight-Chain3.370	27000	J			3.37	
E966796	Total Alkanes	30000				99	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B53	SDG No.:	BG070124
Lab Sample ID:	P2871-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.4
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
BG061821.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	48	U	48	11.6	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	150	580	ug/Kg
110-86-1	Pyridine	140	U	140	290	580	ug/Kg
108-95-2	Phenol	53	U	53	150	580	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	150	580	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	74.8	300	ug/Kg
95-48-7	2-Methylphenol	55	U	55	150	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	150	580	ug/Kg
98-86-2	Acetophenone	120	U	120	150	580	ug/Kg
106-44-5	4-Methylphenol	93	U	93	150	580	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	74.8	300	ug/Kg
67-72-1	Hexachloroethane	110	U	110	74.8	300	ug/Kg
98-95-3	Nitrobenzene	110	U	110	74.8	300	ug/Kg
78-59-1	Isophorone	120	U	120	74.8	300	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	74.8	300	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	56	74.8	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	79	U	79	74.8	300	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	67	74.8	300	ug/Kg
91-20-3	Naphthalene	42	U	42	74.8	300	ug/Kg
106-47-8	4-Chloroaniline	63	U	63	74.8	580	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	74.8	300	ug/Kg
105-60-2	Caprolactam	110	U	110	150	580	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	74.8	300	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	74.8	300	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	74.8	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	580	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42	U	42	74.8	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	74.8	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B53	SDG No.:	BG070124
Lab Sample ID:	P2871-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.4
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
BG061821.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	74.8	300	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	74.8	300	ug/Kg
88-74-4	2-Nitroaniline	79	U	79	74.8	300	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	74.8	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	74.8	300	ug/Kg
208-96-8	Acenaphthylene	51	U	51	74.8	300	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	150	580	ug/Kg
83-32-9	Acenaphthene	46	U	46	74.8	300	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	150	580	ug/Kg
100-02-7	4-Nitrophenol	77	U	77	150	580	ug/Kg
132-64-9	Dibenzofuran	48	U	48	74.8	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	62	U	62	74.8	300	ug/Kg
84-66-2	Diethylphthalate	58	U	58	74.8	300	ug/Kg
86-73-7	Fluorene	48	U	48	74.8	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	74.8	300	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	150	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	67	U	67	150	580	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	74.8	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	74.8	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	74.8	300	ug/Kg
118-74-1	Hexachlorobenzene	49	U	49	74.8	300	ug/Kg
1912-24-9	Atrazine	49	U	49	150	580	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	150	580	ug/Kg
85-01-8	Phenanthrene	330		48	74.8	300	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	74.8	300	ug/Kg
120-12-7	Anthracene	64	J	44	74.8	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	30	U	30	74.8	300	ug/Kg
86-74-8	Carbazole	60	U	60	150	580	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	74.8	300	ug/Kg
206-44-0	Fluoranthene	530		33	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B53	SDG No.:	BG070124
Lab Sample ID:	P2871-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.4
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
BG061821.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	360		32	74.8	300	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	74.8	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	92	U	92	150	580	ug/Kg
56-55-3	Benzo(a)anthracene	230	J	41	74.8	300	ug/Kg
218-01-9	Chrysene	230	J	42	74.8	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	J	44	74.8	300	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	150	580	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		65	74.8	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	93	J	67	74.8	300	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	55	74.8	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88	J	49	74.8	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	74.8	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	74.8	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	74.8	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.878		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	4.281	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	25.006		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.631		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.582		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	19.403		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	31.294		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.646		10-120		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.518		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.195		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.959		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.298		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.27		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	28.651		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B53	SDG No.:	BG070124
Lab Sample ID:	P2871-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.4
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
BG061821.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.039		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	28.58		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	29.924		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.275		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57485	8.055				
1146-65-2	Naphthalene-d8	278042	10.863				
15067-26-2	Acenaphthene-d10	186967	14.683				
1517-22-2	Phenanthrene-d10	433020	17.426				
1719-03-5	Chrysene-d12	336711	21.686				
1520-96-3	Perylene-d12	385939	24.9				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	180	J			3.719	
	unknown-02	350	J			5.129	
000770-35-4	1-Phenoxypropan-2-ol	240	J			11.598	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	330	J			15.928	
016605-91-7	1,1-Biphenyl, 2,3-dichloro-	180	J			16.533	
033284-50-3	1,1-Biphenyl, 2,4-dichloro-	270	J			16.651	
001002-84-2	Pentadecanoic acid	230	J			16.815	
038444-78-9	2,2,3-Trichloro-1,1-biphenyl	160	J			16.956	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	360	J			17.297	
037680-66-3	2,2,4-Trichloro-1,1-biphenyl	190	J			17.338	
016606-02-3	1,1-Biphenyl, 2,4,5-trichloro-	120	J			17.873	
055702-46-0	1,1-Biphenyl, 2,3,4-trichloro-	560	J			18.014	
003537-83-5	Oxacyclopentadecan-2-one	270	J			18.184	
000057-10-3	n-Hexadecanoic acid	810	J			18.314	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	280	J			18.49	
060233-24-1	1,1-Biphenyl, 2,3,4,6-Tetrachlor	190	J			18.549	
041464-43-1	1,1-Biphenyl, 2,3,3,4-tetrachlo	120	J			18.59	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B53	SDG No.:	BG070124
Lab Sample ID:	P2871-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.4
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
BG061821.D	1	6/20/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000115-86-6	Triphenyl phosphate	690	J			21.022	
	(DEL) Alkane: Straight-Chain	21.334	J			21.334	
007683-64-9	Supraene	1500	J			23.384	
E966796	Total Alkanes	290				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T89	SDG No.:	BG070124
Lab Sample ID:	P2962-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061822.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	80	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99.1	400	ug/Kg
110-86-1	Pyridine	92	U	92	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.1	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.1	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	99.1	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.1	400	ug/Kg
98-86-2	Acetophenone	79	U	79	99.1	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.1	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	51	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	51	200	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51	200	ug/Kg
78-59-1	Isophorone	79	U	79	51	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51	200	ug/Kg
91-20-3	Naphthalene	29	U	29	51	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51	200	ug/Kg
105-60-2	Caprolactam	77	U	77	99.1	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	1300		29	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	180	J	38	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.1	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T89	SDG No.:	BG070124
Lab Sample ID:	P2962-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061822.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	350		31	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	99.1	400	ug/Kg
83-32-9	Acenaphthene	130	J	31	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.1	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.1	400	ug/Kg
132-64-9	Dibenzofuran	32	U	32	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51	200	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51	200	ug/Kg
86-73-7	Fluorene	210		32	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.1	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.1	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51	200	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51	200	ug/Kg
1912-24-9	Atrazine	34	U	34	99.1	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.1	400	ug/Kg
85-01-8	Phenanthrene	330		32	51	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51	200	ug/Kg
120-12-7	Anthracene	55	J	30	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	51	200	ug/Kg
86-74-8	Carbazole	41	U	41	99.1	400	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	51	200	ug/Kg
206-44-0	Fluoranthene	63	J	23	99.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T89	SDG No.:	BG070124
Lab Sample ID:	P2962-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061822.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	22	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	99.1	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51	200	ug/Kg
218-01-9	Chrysene	29	U	29	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.1	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.527		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	28.244		20-120		71	SPK: -40
4165-62-2	Phenol-d5	34.378		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.586		10-150		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.499		15-120		89	SPK: -40
190780-66-6	4-Methylphenol-d8	32.238		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	45.992		10-135		115	SPK: -40
93951-78-1	2-Nitrophenol-d4	52.542	*	10-120		131	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.272		10-140		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	43.684		1-145		109	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.065		10-145		95	SPK: -40
93951-97-4	Acenaphthylene-d8	41.212		15-120		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	42.516		10-150		106	SPK: -40
81103-79-9	Fluorene-d10	39.644		20-140		99	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T89	SDG No.:	BG070124
Lab Sample ID:	P2962-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061822.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.581		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	40.856		10-150		102	SPK: -40
1718-52-1	Pyrene-d10	42.568		10-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.864		10-140		107	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79456	8.056				
1146-65-2	Naphthalene-d8	345955	10.871				
15067-26-2	Acenaphthene-d10	219702	14.69				
1517-22-2	Phenanthrene-d10	468131	17.433				
1719-03-5	Chrysene-d12	395626	21.687				
1520-96-3	Perylene-d12	458466	24.907				
TENTATIVE IDENTIFIED COMPOUNDS							
002114-42-3	Cyclohexane, 2-propenyl-	870	J			6.681	
	(DEL) Alkane: Cyclic8.338	770	J			8.338	
	(DEL) Alkane: Straight-Chain8.573	1400	J			8.573	
	(DEL) Alkane: Straight-Chain8.702	2000	J			8.702	
	(DEL) Alkane: Straight-Chain8.814	1200	J			8.814	
000099-87-6	p-Cymene	1500	J			9.161	
	unknown-01	1800	J			9.408	
	(DEL) Alkane: Straight-Chain9.531	490	J			9.531	
	(DEL) Alkane: Straight-Chain9.695	380	J			9.695	
018368-95-1	1,3,8-p-Menthatriene	170	J			9.742	
002958-76-1	Naphthalene, decahydro-2-methyl-	160	J			9.778	
002958-75-0	1-Methyldecahydronaphthalene	490	J			10.042	
	(DEL) Alkane: Straight-Chain10.107	310	J			10.107	
	(DEL) Alkane: Straight-Chain10.201	510	J			10.201	
000527-84-4	o-Cymene	740	J			10.271	
	(DEL) Alkane: Straight-Chain10.383	490	J			10.383	
	unknown-02	150	J			10.641	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T89	SDG No.:	BG070124
Lab Sample ID:	P2962-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061822.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000700-12-9	(DEL) Alkane: Cyclic10.718	150	J			10.718	
	(DEL) Alkane: Cyclic10.753	350	J			10.753	
	unknown-03	570	J			11.082	
	(DEL) Alkane: Straight-Chain11.141	340	J			11.141	
	Benzene, pentamethyl-	200	J			11.235	
134329-46-7	(DEL) Alkane: Straight-Chain11.352	350	J			11.352	
	unknown-04	230	J			11.417	
	1,5,6,7-Tetramethylbicyclo[3.2.0]h	170	J			11.488	
	unknown-05	290	J			11.523	
	(DEL) Alkane: Cyclic11.564	1600	J			11.564	
017057-82-8	(DEL) Alkane: Straight-Chain11.617	570	J			11.617	
	(DEL) Alkane: Straight-Chain11.693	850	J			11.693	
	(DEL) Alkane: Straight-Chain11.775	700	J			11.775	
	(DEL) Alkane: Straight-Chain11.881	3100	J			11.881	
	1H-Indene, 2,3-dihydro-1,2-dimethy	560	J			11.963	
	unknown-06	290	J			12.057	
	(DEL) Alkane: Cyclic12.357	190	J			12.357	
	unknown-07	430	J			12.41	
	unknown-08	280	J			12.592	
	(DEL) Alkane: Cyclic12.668	240	J			12.668	
	(DEL) Alkane: Straight-Chain12.903	300	J			12.903	
	(DEL) Alkane: Cyclic12.968	520	J			12.968	
	(DEL) Alkane: Straight-Chain13.174	91	J			13.174	
	(DEL) Alkane: Straight-Chain13.227	1400	J			13.227	
	unknown-09	220	J			13.291	
000573-98-8	(DEL) Alkane: Straight-Chain13.603	330	J			13.603	
	unknown-10	180	J			13.673	
	Naphthalene, 1,2-dimethyl-	190	J			13.72	
000575-41-7	unknown-11	220	J			13.744	
	Naphthalene, 1,3-dimethyl-	600	J			14.014	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T89	SDG No.:	BG070124
Lab Sample ID:	P2962-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061822.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain14.167	1900	J			14.167	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	410	J			14.225	
	unknown-12	890	J			14.519	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	590	J			15.083	
	(DEL) Alkane: Cyclic15.207	710	J			15.207	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	380	J			15.307	
	unknown-13	280	J			15.406	
000529-05-5	Chamazulene	440	J			15.477	
	(DEL) Alkane: Straight-Chain15.583	350	J			15.583	
	(DEL) Alkane: Straight-Chain15.935	1600	J			15.935	
	(DEL) Alkane: Cyclic16.147	340	J			16.147	
	(DEL) Alkane: Straight-Chain16.417	6300	J			16.417	
002717-39-7	1,4,5,8-Tetramethylnaphthalene	300	J			16.975	
	(DEL) Alkane: Straight-Chain17.234	2100	J			17.234	
	(DEL) Alkane: Straight-Chain17.839	770	J			17.839	
1000309-18-0	Sulfurous acid, butyl tridecyl est	270	J			19.977	
E966796	Total Alkanes	33000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T90	SDG No.:	BG070124
Lab Sample ID:	P2962-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
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
BG061823.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	75	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.3	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.3	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.1	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.3	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.3	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	48.1	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.1	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	48.1	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.1	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.1	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.1	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.1	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T90	SDG No.:	BG070124
Lab Sample ID:	P2962-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
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
BG061823.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.1	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.1	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.1	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.1	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.3	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.3	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.3	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.1	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.1	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.1	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	48.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48.1	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.1	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.3	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.3	370	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.1	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.1	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.1	190	ug/Kg
86-74-8	Carbazole	38	U	38	93.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.1	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	93.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T90	SDG No.:	BG070124
Lab Sample ID:	P2962-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
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
BG061823.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	48.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.1	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.1	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	16.396		20-120		41	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.291		15-120		41	SPK: -8
4165-62-2	Phenol-d5	20.209		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.097		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.613		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.514		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	23.619		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.969		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.345		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.89		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.147		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.769		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.705		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	23.954		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T90	SDG No.:	BG070124
Lab Sample ID:	P2962-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
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
BG061823.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.656		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	24.779		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	27.118		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.802		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76717	8.052				
1146-65-2	Naphthalene-d8	346645	10.867				
15067-26-2	Acenaphthene-d10	232981	14.68				
1517-22-2	Phenanthrene-d10	514364	17.424				
1719-03-5	Chrysene-d12	408591	21.683				
1520-96-3	Perylene-d12	476612	24.897				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	140	J			3.728	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.601	
	(DEL) Alkane: Straight-Chain	21.331	J			21.331	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T91	SDG No.:	BG070124
Lab Sample ID:	P2962-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.8
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
BG061824.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.1	72	ug/Kg
100-52-7	Benzaldehyde	63	U	63	89.2	360	ug/Kg
110-86-1	Pyridine	83	U	83	180	360	ug/Kg
108-95-2	Phenol	32	U	32	89.2	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	89.2	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.9	180	ug/Kg
95-48-7	2-Methylphenol	34	U	34	89.2	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	89.2	360	ug/Kg
98-86-2	Acetophenone	71	U	71	89.2	360	ug/Kg
106-44-5	4-Methylphenol	57	U	57	89.2	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	45.9	180	ug/Kg
67-72-1	Hexachloroethane	66	U	66	45.9	180	ug/Kg
98-95-3	Nitrobenzene	69	U	69	45.9	180	ug/Kg
78-59-1	Isophorone	71	U	71	45.9	180	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	45.9	180	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	45.9	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	45.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.9	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.9	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	45.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	45.9	180	ug/Kg
105-60-2	Caprolactam	69	U	69	89.2	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.9	180	ug/Kg
90-12-0	1-Methylnaphthalene	1300		26	45.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	61	J	35	45.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	89.2	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	45.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T91	SDG No.:	BG070124
Lab Sample ID:	P2962-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.8
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
BG061824.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	310		28	45.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	45.9	180	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	45.9	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.9	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.9	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	89.2	360	ug/Kg
83-32-9	Acenaphthene	130	J	28	45.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	89.2	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.2	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	45.9	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	45.9	180	ug/Kg
86-73-7	Fluorene	190		29	45.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	45.9	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	89.2	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	89.2	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	45.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.9	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.9	180	ug/Kg
1912-24-9	Atrazine	30	U	30	89.2	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	89.2	360	ug/Kg
85-01-8	Phenanthrene	290		29	45.9	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.9	180	ug/Kg
120-12-7	Anthracene	42	J	27	45.9	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.9	180	ug/Kg
86-74-8	Carbazole	37	U	37	89.2	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.9	180	ug/Kg
206-44-0	Fluoranthene	52	J	21	89.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T91	SDG No.:	BG070124
Lab Sample ID:	P2962-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.8
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
BG061824.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	84	J	19	45.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	89.2	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	45.9	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	89.2	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	45.9	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	45.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.9	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.482		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	18.164		20-120		45	SPK: -40
4165-62-2	Phenol-d5	20.611		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.475		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.051		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.312		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	28.117		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.712		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.729		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.093		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.432		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	24.758		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.467		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	23.222		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T91	SDG No.:	BG070124
Lab Sample ID:	P2962-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.8
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
BG061824.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.671		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	25.724		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.802		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.809		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76772	8.052				
1146-65-2	Naphthalene-d8	333567	10.866				
15067-26-2	Acenaphthene-d10	222210	14.691				
1517-22-2	Phenanthrene-d10	458982	17.429				
1719-03-5	Chrysene-d12	385918	21.689				
1520-96-3	Perylene-d12	460815	24.903				
TENTATIVE IDENTIFIED COMPOUNDS							
061142-38-9	Cyclohexane, (3-methylpentyl)-	410	J			6.683	
	(DEL) Alkane: Straight-Chain8.575	690	J			8.575	
	(DEL) Alkane: Straight-Chain8.634	410	J			8.634	
	(DEL) Alkane: Straight-Chain8.810	580	J			8.81	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	1400	J			9.163	
	(DEL) Alkane: Cyclic9.368	440	J			9.368	
	unknown-01	770	J			9.409	
	(DEL) Alkane: Straight-Chain9.533	480	J			9.533	
	(DEL) Alkane: Straight-Chain9.633	150	J			9.633	
	(DEL) Alkane: Straight-Chain9.691	360	J			9.691	
002547-27-5	trans-4a-Methyl-decahydronaphthale	460	J			10.044	
	(DEL) Alkane: Straight-Chain10.109	260	J			10.109	
	(DEL) Alkane: Straight-Chain10.197	490	J			10.197	
000527-84-4	o-Cymene	690	J			10.273	
	(DEL) Alkane: Straight-Chain10.385	480	J			10.385	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropy	340	J			10.567	
002890-62-2	Ethanone, 1-(1-methylcyclohexyl)-	250	J			10.755	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T91	SDG No.:	BG070124
Lab Sample ID:	P2962-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.8
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
BG061824.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	520	J			11.078	
	unknown-03	300	J			11.143	
004218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)	360	J			11.237	
	(DEL) Alkane: Straight-Chain11.354	310	J			11.354	
	unknown-04	240	J			11.413	
	unknown-05	230	J			11.525	
	(DEL) Alkane: Cyclic11.566	1400	J			11.566	
	(DEL) Alkane: Straight-Chain11.618	550	J			11.618	
003664-75-3	Ethanone, 1-(2,2-dimethylcyclopent	780	J			11.695	
	(DEL) Alkane: Straight-Chain11.777	590	J			11.777	
	(DEL) Alkane: Straight-Chain11.883	3000	J			11.883	
	(DEL) Alkane: Cyclic11.918	460	J			11.918	
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethy	540	J			11.965	
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	250	J			12.059	
	(DEL) Alkane: Straight-Chain12.142	380	J			12.142	
	(DEL) Alkane: Straight-Chain12.406	300	J			12.406	
	unknown-06	210	J			12.594	
	(DEL) Alkane: Straight-Chain12.899	230	J			12.899	
	(DEL) Alkane: Cyclic12.964	630	J			12.964	
	(DEL) Alkane: Straight-Chain13.005	94	J			13.005	
	(DEL) Alkane: Straight-Chain13.176	88	J			13.176	
	(DEL) Alkane: Straight-Chain13.223	1400	J			13.223	
055638-51-2	3,5-Dodecadiene, 2-methyl-	240	J			13.287	
000575-41-7	Naphthalene, 1,3-dimethyl-	220	J			13.851	
000581-40-8	Naphthalene, 2,3-dimethyl-	570	J			14.016	
	(DEL) Alkane: Straight-Chain14.169	1800	J			14.169	
	unknown-07	400	J			14.221	
	unknown-08	850	J			14.521	
	unknown-09	160	J			14.592	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	550	J			15.079	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T91	SDG No.:	BG070124
Lab Sample ID:	P2962-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.8
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
BG061824.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000829-26-5	Naphthalene, 2,3,6-trimethyl-	140	J			15.162	
	(DEL) Alkane: Straight-Chain15.203	650	J			15.203	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	390	J			15.308	
	unknown-10	240	J			15.402	
	unknown-11	370	J			15.473	
	(DEL) Alkane: Straight-Chain15.579	280	J			15.579	
	(DEL) Alkane: Straight-Chain15.931	1500	J			15.931	
001689-64-1	9H-Fluoren-9-ol	300	J			16.019	
	(DEL) Alkane: Cyclic16.143	260	J			16.143	
	(DEL) Alkane: Straight-Chain16.331	320	J			16.331	
	(DEL) Alkane: Straight-Chain16.413	5500	J			16.413	
	unknown-12	340	J			16.789	
003031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	260	J			16.971	
	(DEL) Alkane: Straight-Chain17.230	2400	J			17.23	
	(DEL) Alkane: Straight-Chain17.835	650	J			17.835	
E966796	Total Alkanes	27000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T92	SDG No.:	BG070124
Lab Sample ID:	P2962-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BG061825.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.1	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	98.1	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.5	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.1	390	ug/Kg
98-86-2	Acetophenone	78	U	78	98.1	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.5	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.5	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.5	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.5	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.5	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T92	SDG No.:	BG070124
Lab Sample ID:	P2962-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BG061825.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.5	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	98.1	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98.1	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.1	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.5	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.5	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.1	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.1	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.5	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	98.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.5	200	ug/Kg
206-44-0	Fluoranthene	23	U	23	98.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T92	SDG No.:	BG070124
Lab Sample ID:	P2962-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BG061825.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.5	200	ug/Kg
218-01-9	Chrysene	29	U	29	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.252		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	15.798		20-120		39	SPK: -40
4165-62-2	Phenol-d5	17.931		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.77		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.129		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	18.096		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	22.447		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.456		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.699		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.451		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.47		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.327		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.934		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	22.951		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T92	SDG No.:	BG070124
Lab Sample ID:	P2962-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BG061825.D	1	6/21/2024 12:00:00 AM	7/1/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.496		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	23.817		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	26.319		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.936		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73168	8.053				
1146-65-2	Naphthalene-d8	337346	10.867				
15067-26-2	Acenaphthene-d10	226087	14.68				
1517-22-2	Phenanthrene-d10	513393	17.424				
1719-03-5	Chrysene-d12	419150	21.684				
1520-96-3	Perylene-d12	496042	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	140	J			3.722	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.595	
	(DEL) Alkane: Straight-Chain	150	J			21.331	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T93	SDG No.:	BG070124
Lab Sample ID:	P2962-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BG061826.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.3	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.7	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.3	390	ug/Kg
98-86-2	Acetophenone	79	U	79	98.3	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.7	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.7	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.7	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.7	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.7	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T93	SDG No.:	BG070124
Lab Sample ID:	P2962-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BG061826.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.7	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.3	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98.3	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.3	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.7	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.3	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.3	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.7	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.7	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.7	200	ug/Kg
206-44-0	Fluoranthene	23	U	23	98.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T93	SDG No.:	BG070124
Lab Sample ID:	P2962-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BG061826.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.7	200	ug/Kg
218-01-9	Chrysene	29	U	29	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.424		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	19.013		20-120		48	SPK: -40
4165-62-2	Phenol-d5	21.671		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.862		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.151		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.943		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	27.679		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.516		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.73		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.326		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.458		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.47		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.878		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	24.113		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T93	SDG No.:	BG070124
Lab Sample ID:	P2962-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BG061826.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.05		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	25.507		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	27.734		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.903		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75935	8.052				
1146-65-2	Naphthalene-d8	348209	10.866				
15067-26-2	Acenaphthene-d10	236790	14.68				
1517-22-2	Phenanthrene-d10	508995	17.424				
1719-03-5	Chrysene-d12	405650	21.683				
1520-96-3	Perylene-d12	475231	24.897				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	140	J			3.728	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.595	
000297-35-8	Cyclotriacontane	150	J			21.331	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T98	SDG No.:	BG070124
Lab Sample ID:	P2962-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061827.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.2	82	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	95	U	95	200	410	ug/Kg
108-95-2	Phenol	37	U	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.6	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	410	ug/Kg
98-86-2	Acetophenone	82	U	82	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	52.6	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.6	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.6	210	ug/Kg
78-59-1	Isophorone	82	U	82	52.6	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.6	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.6	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	52.6	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.6	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T98	SDG No.:	BG070124
Lab Sample ID:	P2962-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061827.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.6	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.6	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.6	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.6	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.6	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.6	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.6	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.6	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.6	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	33	U	33	52.6	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.6	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.6	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.6	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T98	SDG No.:	BG070124
Lab Sample ID:	P2962-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061827.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	52.6	210	ug/Kg
218-01-9	Chrysene	30	U	30	52.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	52.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	52.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	52.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	52.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.356		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	14.722		20-120		37	SPK: -40
4165-62-2	Phenol-d5	19.831		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.621		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.636		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.958		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	22.566		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.28		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.168		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.651		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.439		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.397		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.662		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	21.456		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T98	SDG No.:	BG070124
Lab Sample ID:	P2962-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061827.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.158		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	22.539		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	24.255		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.188		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68994	8.056				
1146-65-2	Naphthalene-d8	333513	10.865				
15067-26-2	Acenaphthene-d10	222150	14.684				
1517-22-2	Phenanthrene-d10	496089	17.428				
1719-03-5	Chrysene-d12	418274	21.682				
1520-96-3	Perylene-d12	485953	24.901				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.593	
	(DEL) Alkane: Cyclic	94	J			21.335	
E966796	Total Alkanes	94				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0TA6	SDG No.:	BG070124
Lab Sample ID:	P2962-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
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
BG061828.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	74	ug/Kg
110-86-1	Pyridine	85	U	85	180	370	ug/Kg
100-52-7	Benzaldehyde	64	U	64	91.6	370	ug/Kg
108-95-2	Phenol	33	U	33	91.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.6	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.2	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.6	370	ug/Kg
98-86-2	Acetophenone	73	U	73	91.6	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	91.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.2	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.2	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.2	190	ug/Kg
78-59-1	Isophorone	73	U	73	47.2	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.2	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.2	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.2	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0TA6	SDG No.:	BG070124
Lab Sample ID:	P2962-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
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
BG061828.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.2	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.2	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.2	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.2	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.6	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.6	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.6	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.2	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.2	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.2	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.2	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.2	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.6	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	91.6	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.2	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.2	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.2	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.2	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	91.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0TA6	SDG No.:	BG070124
Lab Sample ID:	P2962-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
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
BG061828.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	47.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	91.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.2	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	47.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.2	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	19.708		20-120		49	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.905		15-120		49	SPK: -8
4165-62-2	Phenol-d5	21.84		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.249		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.067		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.433		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	25.721		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.056		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.991		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.291		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.665		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.333		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.349		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	24.041		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0TA6	SDG No.:	BG070124
Lab Sample ID:	P2962-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
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
BG061828.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.971		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	25.023		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.76		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.686		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75211	8.055				
1146-65-2	Naphthalene-d8	363821	10.869				
15067-26-2	Acenaphthene-d10	236291	14.682				
1517-22-2	Phenanthrene-d10	525982	17.426				
1719-03-5	Chrysene-d12	436787	21.686				
1520-96-3	Perylene-d12	509819	24.9				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	170	J			3.725	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			7.632	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.598	
1000309-24-5	Oxalic acid, allyl octadecyl ester	88	J			21.333	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T74	SDG No.:	BG070124
Lab Sample ID:	P2962-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.1
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
BG061829.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	38	U	38	9.3	94	ug/Kg
100-52-7	Benzaldehyde	82	U	82	120	470	ug/Kg
110-86-1	Pyridine	110	U	110	230	470	ug/Kg
108-95-2	Phenol	42	U	42	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	120	470	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	59.9	240	ug/Kg
95-48-7	2-Methylphenol	44	U	44	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56	U	56	120	470	ug/Kg
98-86-2	Acetophenone	93	U	93	120	470	ug/Kg
106-44-5	4-Methylphenol	75	U	75	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	59.9	240	ug/Kg
67-72-1	Hexachloroethane	86	U	86	59.9	240	ug/Kg
98-95-3	Nitrobenzene	90	U	90	59.9	240	ug/Kg
78-59-1	Isophorone	93	U	93	59.9	240	ug/Kg
88-75-5	2-Nitrophenol	85	U	85	59.9	240	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	59.9	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	63	U	63	59.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	59.9	240	ug/Kg
91-20-3	Naphthalene	34	U	34	59.9	240	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	59.9	470	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	59.9	240	ug/Kg
105-60-2	Caprolactam	90	U	90	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	59.9	240	ug/Kg
90-12-0	1-Methylnaphthalene	34	U	34	59.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	59.9	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	34	U	34	59.9	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	59.9	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T74	SDG No.:	BG070124
Lab Sample ID:	P2962-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.1
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
BG061829.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	59.9	240	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	59.9	240	ug/Kg
88-74-4	2-Nitroaniline	63	U	63	59.9	240	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	59.9	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	59.9	240	ug/Kg
208-96-8	Acenaphthylene	41	U	41	59.9	240	ug/Kg
99-09-2	3-Nitroaniline	93	U	93	120	470	ug/Kg
83-32-9	Acenaphthene	37	U	37	59.9	240	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	120	470	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	470	ug/Kg
132-64-9	Dibenzofuran	38	U	38	59.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	59.9	240	ug/Kg
84-66-2	Diethylphthalate	47	U	47	59.9	240	ug/Kg
86-73-7	Fluorene	38	U	38	59.9	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	59.9	240	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	54	U	54	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	34	U	34	59.9	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	59.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	59.9	240	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	59.9	240	ug/Kg
1912-24-9	Atrazine	39	U	39	120	470	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	120	470	ug/Kg
85-01-8	Phenanthrene	38	U	38	59.9	240	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	59.9	240	ug/Kg
120-12-7	Anthracene	35	U	35	59.9	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	24	U	24	59.9	240	ug/Kg
86-74-8	Carbazole	48	U	48	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	38	U	38	59.9	240	ug/Kg
206-44-0	Fluoranthene	27	U	27	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T74	SDG No.:	BG070124
Lab Sample ID:	P2962-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.1
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
BG061829.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	25	U	25	59.9	240	ug/Kg
85-68-7	Butylbenzylphthalate	31	U	31	59.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	73	U	73	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	59.9	240	ug/Kg
218-01-9	Chrysene	34	U	34	59.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	35	U	35	59.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	68	U	68	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	59.9	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	59.9	240	ug/Kg
50-32-8	Benzo(a)pyrene	44	U	44	59.9	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	59.9	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	59.9	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	59.9	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	59.9	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.121		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	2.318	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	20.42		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.245		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.829		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	21.058		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	24.47		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.805		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.347		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.975		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.596		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.66		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.12		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	27.404		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T74	SDG No.:	BG070124
Lab Sample ID:	P2962-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.1
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
BG061829.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.039		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	28.233		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	30.568		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.9		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67096	8.053				
1146-65-2	Naphthalene-d8	320632	10.862				
15067-26-2	Acenaphthene-d10	209567	14.681				
1517-22-2	Phenanthrene-d10	484084	17.425				
1719-03-5	Chrysene-d12	401174	21.684				
1520-96-3	Perylene-d12	470168	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.596	
959085-66-6	Heptadecyl heptafluorobutyrate	300	J			21.332	
E966796	Total Alkanes	37	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T75	SDG No.:	BG070124
Lab Sample ID:	P2962-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.8
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
BG061830.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	6.9	70	ug/Kg
100-52-7	Benzaldehyde	61	U	61	86.4	350	ug/Kg
110-86-1	Pyridine	81	U	81	170	350	ug/Kg
108-95-2	Phenol	31	U	31	86.4	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	30	U	30	86.4	350	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	44.5	180	ug/Kg
95-48-7	2-Methylphenol	32	U	32	86.4	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	86.4	350	ug/Kg
98-86-2	Acetophenone	69	U	69	86.4	350	ug/Kg
106-44-5	4-Methylphenol	55	U	55	86.4	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	83	U	83	44.5	180	ug/Kg
67-72-1	Hexachloroethane	64	U	64	44.5	180	ug/Kg
98-95-3	Nitrobenzene	67	U	67	44.5	180	ug/Kg
78-59-1	Isophorone	69	U	69	44.5	180	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	44.5	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	44.5	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	44.5	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	44.5	180	ug/Kg
91-20-3	Naphthalene	25	U	25	44.5	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	44.5	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	44.5	180	ug/Kg
105-60-2	Caprolactam	67	U	67	86.4	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	44.5	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	44.5	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	44.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.4	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	44.5	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	44.5	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T75	SDG No.:	BG070124
Lab Sample ID:	P2962-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.8
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
BG061830.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	44.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	44.5	180	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	44.5	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	44.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	44.5	180	ug/Kg
208-96-8	Acenaphthylene	30	U	30	44.5	180	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	86.4	350	ug/Kg
83-32-9	Acenaphthene	27	U	27	44.5	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	86.4	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.4	350	ug/Kg
132-64-9	Dibenzofuran	28	U	28	44.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	44.5	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	44.5	180	ug/Kg
86-73-7	Fluorene	28	U	28	44.5	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.5	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	86.4	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	86.4	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	44.5	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	44.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27	U	27	44.5	180	ug/Kg
118-74-1	Hexachlorobenzene	29	U	29	44.5	180	ug/Kg
1912-24-9	Atrazine	29	U	29	86.4	350	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	86.4	350	ug/Kg
85-01-8	Phenanthrene	28	U	28	44.5	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	44.5	180	ug/Kg
120-12-7	Anthracene	26	U	26	44.5	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	44.5	180	ug/Kg
86-74-8	Carbazole	36	U	36	86.4	350	ug/Kg
84-74-2	Di-n-butylphthalate	28	U	28	44.5	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	86.4	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T75	SDG No.:	BG070124
Lab Sample ID:	P2962-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.8
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
BG061830.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	44.5	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	44.5	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	86.4	350	ug/Kg
56-55-3	Benzo(a)anthracene	24	U	24	44.5	180	ug/Kg
218-01-9	Chrysene	25	U	25	44.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26	U	26	44.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	86.4	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	44.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	44.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	44.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29	U	29	44.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27	U	27	44.5	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	44.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	44.5	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.211		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	17.285		20-120		43	SPK: -40
4165-62-2	Phenol-d5	19.912		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.86		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.364		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	20.639		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	24.088		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.052		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.659		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.133		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.769		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.798		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.85		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	23.031		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	C0T75	SDG No.:	BG070124
Lab Sample ID:	P2962-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	4.8
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
BG061830.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.445		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	23.751		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	26.124		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.99		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77804	8.053				
1146-65-2	Naphthalene-d8	375509	10.861				
15067-26-2	Acenaphthene-d10	250355	14.68				
1517-22-2	Phenanthrene-d10	556696	17.424				
1719-03-5	Chrysene-d12	446336	21.684				
1520-96-3	Perylene-d12	520572	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			18.306	
000400-57-7	Heptafluorobutyric acid, n-octadec	130	J			21.331	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T99	SDG No.:	BG070124
Lab Sample ID:	P2962-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061831.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	95	U	95	200	410	ug/Kg
108-95-2	Phenol	37	U	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.4	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	410	ug/Kg
98-86-2	Acetophenone	81	U	81	100	410	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	52.4	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.4	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.4	210	ug/Kg
78-59-1	Isophorone	81	U	81	52.4	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.4	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.4	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.4	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	52.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T99	SDG No.:	BG070124
Lab Sample ID:	P2962-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061831.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.4	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52.4	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.4	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.4	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.4	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.4	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.4	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.4	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.4	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	33	U	33	52.4	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.4	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.4	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.4	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T99	SDG No.:	BG070124
Lab Sample ID:	P2962-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061831.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	52.4	210	ug/Kg
218-01-9	Chrysene	30	U	30	52.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	52.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	52.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	52.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	52.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.196		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	21.419		20-120		54	SPK: -40
4165-62-2	Phenol-d5	24.205		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.564		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.272		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	22.056		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	28.328		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.835		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.02		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.762		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.083		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.222		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.762		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	27.834		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	C0T99	SDG No.:	BG070124
Lab Sample ID:	P2962-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061831.D	1	6/21/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161627

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.593		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	28.785		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	31.411		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.661		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73848	8.053				
1146-65-2	Naphthalene-d8	353942	10.862				
15067-26-2	Acenaphthene-d10	229724	14.681				
1517-22-2	Phenanthrene-d10	527749	17.424				
1719-03-5	Chrysene-d12	426008	21.684				
1520-96-3	Perylene-d12	496432	24.892				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			3.723	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.596	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	160	J			21.332	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/22/2024 12:00:00 AM
Project:		Date Received:	6/22/2024 12:00:00 AM
Client Sample ID:	SBLK652	SDG No.:	BG070124
Lab Sample ID:	PB161652BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061833.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/22/2024 12:00:00 AM
Project:		Date Received:	6/22/2024 12:00:00 AM
Client Sample ID:	SBLK652	SDG No.:	BG070124
Lab Sample ID:	PB161652BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061833.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/22/2024 12:00:00 AM
Project:		Date Received:	6/22/2024 12:00:00 AM
Client Sample ID:	SBLK652	SDG No.:	BG070124
Lab Sample ID:	PB161652BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061833.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.302		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	31.209		20-120		78	SPK: -40
4165-62-2	Phenol-d5	31.834		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.297		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.257		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	30.899		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	39.225		10-135		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.274		10-120		108	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.359		10-140		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.365		1-145		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.83		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	35.222		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.405		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	33.843		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	6/22/2024 12:00:00 AM
Project:		Date Received:	6/22/2024 12:00:00 AM
Client Sample ID:	SBLK652	SDG No.:	BG070124
Lab Sample ID:	PB161652BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061833.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.664		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	36.328		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	39.048		10-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.119		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58001	8.053				
1146-65-2	Naphthalene-d8	273659	10.861				
15067-26-2	Acenaphthene-d10	180029	14.68				
1517-22-2	Phenanthrene-d10	396920	17.424				
1719-03-5	Chrysene-d12	327541	21.684				
1520-96-3	Perylene-d12	384048	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B44	SDG No.:	BG070124
Lab Sample ID:	P2963-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.5
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
BG061834.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	44	U	44	10.7	110	ug/Kg
100-52-7	Benzaldehyde	94	U	94	130	530	ug/Kg
110-86-1	Pyridine	120	U	120	270	530	ug/Kg
108-95-2	Phenol	49	U	49	130	530	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	130	530	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	68.9	280	ug/Kg
95-48-7	2-Methylphenol	50	U	50	130	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	130	530	ug/Kg
98-86-2	Acetophenone	110	U	110	130	530	ug/Kg
106-44-5	4-Methylphenol	86	U	86	130	530	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	68.9	280	ug/Kg
67-72-1	Hexachloroethane	99	U	99	68.9	280	ug/Kg
98-95-3	Nitrobenzene	100	U	100	68.9	280	ug/Kg
78-59-1	Isophorone	110	U	110	68.9	280	ug/Kg
88-75-5	2-Nitrophenol	97	U	97	68.9	280	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	68.9	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	73	U	73	68.9	280	ug/Kg
120-83-2	2,4-Dichlorophenol	62	U	62	68.9	280	ug/Kg
91-20-3	Naphthalene	39	U	39	68.9	280	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	68.9	530	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	68.9	280	ug/Kg
105-60-2	Caprolactam	100	U	100	130	530	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	68.9	280	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	68.9	280	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	68.9	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	130	530	ug/Kg
88-06-2	2,4,6-Trichlorophenol	39	U	39	68.9	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	68.9	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B44	SDG No.:	BG070124
Lab Sample ID:	P2963-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.5
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
BG061834.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	42	U	42	68.9	280	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	68.9	280	ug/Kg
88-74-4	2-Nitroaniline	73	U	73	68.9	280	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	68.9	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	68.9	280	ug/Kg
208-96-8	Acenaphthylene	47	U	47	68.9	280	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	130	530	ug/Kg
83-32-9	Acenaphthene	42	U	42	68.9	280	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	130	530	ug/Kg
100-02-7	4-Nitrophenol	71	U	71	130	530	ug/Kg
132-64-9	Dibenzofuran	44	U	44	68.9	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	68.9	280	ug/Kg
84-66-2	Diethylphthalate	53	U	53	68.9	280	ug/Kg
86-73-7	Fluorene	44	U	44	68.9	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	68.9	280	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	130	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	62	U	62	130	530	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	68.9	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	68.9	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	42	U	42	68.9	280	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	68.9	280	ug/Kg
1912-24-9	Atrazine	45	U	45	130	530	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	530	ug/Kg
85-01-8	Phenanthrene	87	J	44	68.9	280	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	68.9	280	ug/Kg
120-12-7	Anthracene	41	U	41	68.9	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	28	U	28	68.9	280	ug/Kg
86-74-8	Carbazole	55	U	55	130	530	ug/Kg
84-74-2	Di-n-butylphthalate	44	U	44	68.9	280	ug/Kg
206-44-0	Fluoranthene	180	J	31	130	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B44	SDG No.:	BG070124
Lab Sample ID:	P2963-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.5
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
BG061834.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	29	68.9	280	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	68.9	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	84	U	84	130	530	ug/Kg
56-55-3	Benzo(a)anthracene	79	J	37	68.9	280	ug/Kg
218-01-9	Chrysene	79	J	39	68.9	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	41	U	41	68.9	280	ug/Kg
117-84-0	Di-n-octyl phthalate	78	U	78	130	530	ug/Kg
205-99-2	Benzo(b)fluoranthene	94	J	60	68.9	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	U	62	68.9	280	ug/Kg
50-32-8	Benzo(a)pyrene	78	J	50	68.9	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	68.9	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	68.9	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	J	52	68.9	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	68.9	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.538		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	19.266		20-120		48	SPK: -40
4165-62-2	Phenol-d5	28.371		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.57		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.441		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	28.611		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	34.413		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.838		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.921		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.101		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.121		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	32.798		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.775		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	31.546		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4B44	SDG No.:	BG070124
Lab Sample ID:	P2963-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.5
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
BG061834.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.856		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	32.507		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	34.752		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.68		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78389	8.054				
1146-65-2	Naphthalene-d8	374780	10.863				
15067-26-2	Acenaphthene-d10	246829	14.682				
1517-22-2	Phenanthrene-d10	555325	17.426				
1719-03-5	Chrysene-d12	452983	21.686				
1520-96-3	Perylene-d12	514382	24.894				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.597	
000057-10-3	n-Hexadecanoic acid	110	J			18.307	
1010351-83-6	Octacosyl heptafluorobutyrate	320	J			21.333	
	(DEL) Alkane: Straight-Chain	230	J			22.491	
E966796	Total Alkanes	230				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3	SDG No.:	BG070124
Lab Sample ID:	P2963-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BG061835.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	8.7	88	ug/Kg
100-52-7	Benzaldehyde	180	J	76	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	220	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.9	220	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	110	430	ug/Kg
98-86-2	Acetophenone	87	U	87	110	430	ug/Kg
106-44-5	4-Methylphenol	70	U	70	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.9	220	ug/Kg
67-72-1	Hexachloroethane	80	U	80	55.9	220	ug/Kg
98-95-3	Nitrobenzene	84	U	84	55.9	220	ug/Kg
78-59-1	Isophorone	87	U	87	55.9	220	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	55.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	55.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	55.9	220	ug/Kg
91-20-3	Naphthalene	85	J	32	55.9	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.9	430	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	55.9	220	ug/Kg
105-60-2	Caprolactam	84	U	84	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	55.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	55.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	55.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	55.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3	SDG No.:	BG070124
Lab Sample ID:	P2963-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BG061835.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.9	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	55.9	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.9	220	ug/Kg
208-96-8	Acenaphthylene	70	J	38	55.9	220	ug/Kg
99-09-2	3-Nitroaniline	87	U	87	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	55.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	430	ug/Kg
132-64-9	Dibenzofuran	53	J	36	55.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	55.9	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.9	220	ug/Kg
86-73-7	Fluorene	47	J	36	55.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.9	220	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	55.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	55.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.9	220	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	55.9	220	ug/Kg
1912-24-9	Atrazine	37	U	37	110	430	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	430	ug/Kg
85-01-8	Phenanthrene	720		36	55.9	220	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	55.9	220	ug/Kg
120-12-7	Anthracene	140	J	33	55.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.9	220	ug/Kg
86-74-8	Carbazole	69	J	45	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	55.9	220	ug/Kg
206-44-0	Fluoranthene	1400		25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3	SDG No.:	BG070124
Lab Sample ID:	P2963-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BG061835.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	980		24	55.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	55.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	610		30	55.9	220	ug/Kg
218-01-9	Chrysene	800		32	55.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	55.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	940		49	55.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	340		50	55.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	350		41	55.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	320		37	55.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	34	55.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	55.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.501		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	1.167	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	30.927		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.361		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.698		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	30.146		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	39.024		10-135		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.537		10-120		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.04		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.312		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.584		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	34.947		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.306		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	33.956		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3	SDG No.:	BG070124
Lab Sample ID:	P2963-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061835.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.656		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	35.155		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	33.142		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.635		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82012	8.053				
1146-65-2	Naphthalene-d8	374165	10.862				
15067-26-2	Acenaphthene-d10	236103	14.681				
1517-22-2	Phenanthrene-d10	494575	17.425				
1719-03-5	Chrysene-d12	374846	21.69				
1520-96-3	Perylene-d12	447676	24.91				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	140	J			3.729	
	unknown-01	88	J			3.988	
	unknown-02	160	J			5.133	
001119-40-0	Pentanedioic acid, dimethyl ester	88	J			9.769	
000065-85-0	Benzoic acid	160	J			10.098	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.596	
014191-95-8	Benzeneacetonitrile, 4-hydroxy-	320	J			12.536	
015862-07-4	1,1-Biphenyl, 2,4,5-trichloro-	210	J			18.018	
000057-10-3	n-Hexadecanoic acid	490	J			18.306	
033025-41-1	1,1-Biphenyl, 2,3,4,4-tetrachlor	340	J			18.488	
032690-93-0	Biphenyl, 2,4,4,5-tetrachloro-	170	J			18.594	
074472-33-6	2,3,3,6-Tetrachloro-1,1-biphenyl	98	J			19.299	
	(DEL) Alkane: Straight-Chain21.338	880	J			21.338	
	(DEL) Alkane: Cyclic22.519	1600	J			22.519	
000638-66-4	Octadecanal	500	J			23.541	
	(DEL) Alkane: Straight-Chain24.011	890	J			24.011	
	(DEL) Alkane: Straight-Chain24.070	880	J			24.07	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3	SDG No.:	BG070124
Lab Sample ID:	P2963-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BG061835.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	26.109				26.109	
E966796	Total Alkanes	5400	J			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3MS	SDG No.:	BG070124
Lab Sample ID:	P2963-23MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.05 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
BG061836.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	480		36	8.7	88	ug/Kg
100-52-7	Benzaldehyde	1300		76	110	430	ug/Kg
110-86-1	Pyridine	550		100	220	430	ug/Kg
108-95-2	Phenol	1600		40	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		38	110	430	ug/Kg
95-57-8	2-Chlorophenol	1700		37	56	220	ug/Kg
95-48-7	2-Methylphenol	1600		41	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		53	110	430	ug/Kg
98-86-2	Acetophenone	1500		87	110	430	ug/Kg
106-44-5	4-Methylphenol	1500		70	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		100	56	220	ug/Kg
67-72-1	Hexachloroethane	1300		80	56	220	ug/Kg
98-95-3	Nitrobenzene	1800		84	56	220	ug/Kg
78-59-1	Isophorone	1500		87	56	220	ug/Kg
88-75-5	2-Nitrophenol	2100		79	56	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		42	56	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		59	56	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		50	56	220	ug/Kg
91-20-3	Naphthalene	1600		32	56	220	ug/Kg
106-47-8	4-Chloroaniline	430		47	56	430	ug/Kg
87-68-3	Hexachlorobutadiene	1800		46	56	220	ug/Kg
105-60-2	Caprolactam	1300		84	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		54	56	220	ug/Kg
90-12-0	1-Methylnaphthalene	1500		32	56	220	ug/Kg
91-57-6	2-Methylnaphthalene	1600		42	56	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	960		130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		32	56	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		43	56	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3MS	SDG No.:	BG070124
Lab Sample ID:	P2963-23MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.05 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
BG061836.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1800		34	56	220	ug/Kg
91-58-7	2-Chloronaphthalene	1700		43	56	220	ug/Kg
88-74-4	2-Nitroaniline	2200		59	56	220	ug/Kg
131-11-3	Dimethylphthalate	1600		40	56	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		26	56	220	ug/Kg
208-96-8	Acenaphthylene	1700		38	56	220	ug/Kg
99-09-2	3-Nitroaniline	1300		87	110	430	ug/Kg
83-32-9	Acenaphthene	1600		34	56	220	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		170	110	430	ug/Kg
100-02-7	4-Nitrophenol	1800		58	110	430	ug/Kg
132-64-9	Dibenzofuran	1700		36	56	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		46	56	220	ug/Kg
84-66-2	Diethylphthalate	1600		43	56	220	ug/Kg
86-73-7	Fluorene	1700		36	56	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		26	56	220	ug/Kg
100-01-6	4-Nitroaniline	1500		32	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		50	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1900		32	56	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		45	56	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		34	56	220	ug/Kg
118-74-1	Hexachlorobenzene	1400		37	56	220	ug/Kg
1912-24-9	Atrazine	1300		37	110	430	ug/Kg
87-86-5	Pentachlorophenol	1700		120	110	430	ug/Kg
85-01-8	Phenanthrene	2300		36	56	220	ug/Kg
608-93-5	Pentachlorobenzene	1700		49	56	220	ug/Kg
120-12-7	Anthracene	1800		33	56	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2200		22	56	220	ug/Kg
86-74-8	Carbazole	1500		45	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	1800		36	56	220	ug/Kg
206-44-0	Fluoranthene	3100		25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3MS	SDG No.:	BG070124
Lab Sample ID:	P2963-23MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.05 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
BG061836.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2300		24	56	220	ug/Kg
85-68-7	Butylbenzylphthalate	2100		29	56	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	2300		30	56	220	ug/Kg
218-01-9	Chrysene	2400		32	56	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		33	56	220	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		63	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		49	56	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		50	56	220	ug/Kg
50-32-8	Benzo(a)pyrene	1100		41	56	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		37	56	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		34	56	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	J	42	56	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		47	56	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.905		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	6.344	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	31.306		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.262		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.123		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	30.392		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	37.918		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.9		10-120		105	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.273		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.372		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.495		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	34.262		15-120		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.105		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	33.362		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3MS	SDG No.:	BG070124
Lab Sample ID:	P2963-23MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.05 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
BG061836.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.475		10-130		99	SPK: -40
1719-06-8	Anthracene-d10	34.631		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	32.643		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.524		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72562	8.055				
1146-65-2	Naphthalene-d8	345967	10.87				
15067-26-2	Acenaphthene-d10	218923	14.683				
1517-22-2	Phenanthrene-d10	467400	17.427				
1719-03-5	Chrysene-d12	349869	21.692				
1520-96-3	Perylene-d12	424335	24.918				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3MSD	SDG No.:	BG070124
Lab Sample ID:	P2963-24MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.03 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
BG061837.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	460		36	8.7	88	ug/Kg
100-52-7	Benzaldehyde	1300		76	110	430	ug/Kg
110-86-1	Pyridine	540		100	220	430	ug/Kg
108-95-2	Phenol	1600		40	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		38	110	430	ug/Kg
95-57-8	2-Chlorophenol	1600		37	56	220	ug/Kg
95-48-7	2-Methylphenol	1500		41	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		53	110	430	ug/Kg
98-86-2	Acetophenone	1400		87	110	430	ug/Kg
106-44-5	4-Methylphenol	1500		70	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		100	56	220	ug/Kg
67-72-1	Hexachloroethane	1300		80	56	220	ug/Kg
98-95-3	Nitrobenzene	1900		84	56	220	ug/Kg
78-59-1	Isophorone	1600		87	56	220	ug/Kg
88-75-5	2-Nitrophenol	2200		79	56	220	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		42	56	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600		59	56	220	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		50	56	220	ug/Kg
91-20-3	Naphthalene	1700		32	56	220	ug/Kg
106-47-8	4-Chloroaniline	480		47	56	430	ug/Kg
87-68-3	Hexachlorobutadiene	2000		46	56	220	ug/Kg
105-60-2	Caprolactam	1300		84	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		54	56	220	ug/Kg
90-12-0	1-Methylnaphthalene	1600		32	56	220	ug/Kg
91-57-6	2-Methylnaphthalene	1700		42	56	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	950		130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		32	56	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		43	56	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3MSD	SDG No.:	BG070124
Lab Sample ID:	P2963-24MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.03 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
BG061837.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1900		34	56	220	ug/Kg
91-58-7	2-Chloronaphthalene	1800		43	56	220	ug/Kg
88-74-4	2-Nitroaniline	2200		59	56	220	ug/Kg
131-11-3	Dimethylphthalate	1600		40	56	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		26	56	220	ug/Kg
208-96-8	Acenaphthylene	1700		38	56	220	ug/Kg
99-09-2	3-Nitroaniline	1400		87	110	430	ug/Kg
83-32-9	Acenaphthene	1700		34	56	220	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		170	110	430	ug/Kg
100-02-7	4-Nitrophenol	1800		58	110	430	ug/Kg
132-64-9	Dibenzofuran	1800		36	56	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		46	56	220	ug/Kg
84-66-2	Diethylphthalate	1700		43	56	220	ug/Kg
86-73-7	Fluorene	1700		36	56	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		26	56	220	ug/Kg
100-01-6	4-Nitroaniline	1600		32	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		50	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1900		32	56	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		45	56	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		34	56	220	ug/Kg
118-74-1	Hexachlorobenzene	1400		37	56	220	ug/Kg
1912-24-9	Atrazine	1300		37	110	430	ug/Kg
87-86-5	Pentachlorophenol	1700		120	110	430	ug/Kg
85-01-8	Phenanthrene	2400		36	56	220	ug/Kg
608-93-5	Pentachlorobenzene	1700		49	56	220	ug/Kg
120-12-7	Anthracene	1800		33	56	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2400		22	56	220	ug/Kg
86-74-8	Carbazole	1600		45	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	1900		36	56	220	ug/Kg
206-44-0	Fluoranthene	3300		25	110	220	ug/Kg



Client:				Date Collected:	6/19/2024 12:00:00 AM	
Project:				Date Received:	6/19/2024 12:00:00 AM	
Client Sample ID:	A4CS3MSD			SDG No.:	BG070124	
Lab Sample ID:	P2963-24MSD			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	24.2	
Sample Wt/Vol:	30.03	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
BG061837.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2500		24	56	220	ug/Kg
85-68-7	Butylbenzylphthalate	2300		29	56	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	2500		30	56	220	ug/Kg
218-01-9	Chrysene	2600		32	56	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		33	56	220	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		63	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600		49	56	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		50	56	220	ug/Kg
50-32-8	Benzo(a)pyrene	1100		41	56	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		37	56	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		34	56	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	J	42	56	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		47	56	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.66		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	6.849	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	29.682		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.178		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.9		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	29.575		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	39.84		10-135		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.032		10-120		113	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.18		10-140		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.702		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.348		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	35.898		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.634		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	34.812		20-140		87	SPK: -40

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	A4CS3MSD	SDG No.:	BG070124
Lab Sample ID:	P2963-24MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.03 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
BG061837.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.314		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	35.533		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	34.083		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.3		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74457	8.055				
1146-65-2	Naphthalene-d8	320313	10.869				
15067-26-2	Acenaphthene-d10	204978	14.688				
1517-22-2	Phenanthrene-d10	438226	17.432				
1719-03-5	Chrysene-d12	315890	21.692				
1520-96-3	Perylene-d12	389418	24.917				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	34	U			99	ug/Kg



Client:				Date Collected:	6/18/2024 12:00:00 AM	
Project:				Date Received:	6/18/2024 12:00:00 AM	
Client Sample ID:	A4BQ2			SDG No.:	BG070124	
Lab Sample ID:	P2963-04			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	18.6	
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
BG061838.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	71	U	71	100	400	ug/Kg
110-86-1	Pyridine	94	U	94	200	400	ug/Kg
108-95-2	Phenol	37	U	37	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	81	U	81	100	400	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	52	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	52	210	ug/Kg
78-59-1	Isophorone	81	U	81	52	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52	210	ug/Kg
91-20-3	Naphthalene	29	U	29	52	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4BQ2	SDG No.:	BG070124
Lab Sample ID:	P2963-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BG061838.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	52	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	52	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	32	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	52	210	ug/Kg
86-73-7	Fluorene	33	U	33	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	350		33	52	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52	210	ug/Kg
120-12-7	Anthracene	68	J	31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52	210	ug/Kg
206-44-0	Fluoranthene	640		23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4BQ2	SDG No.:	BG070124
Lab Sample ID:	P2963-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BG061838.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	470		22	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	290		28	52	210	ug/Kg
218-01-9	Chrysene	350		29	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71	J	31	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	480		45	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	47	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	38	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	34	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.656		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	3.128	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	29.912		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.234		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.011		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	23.292		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	39.235		10-135		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.593		10-120		109	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.065		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.246		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.56		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	35.045		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.821		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	34.12		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4BQ2	SDG No.:	BG070124
Lab Sample ID:	P2963-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BG061838.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.828		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	33.519		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	32.706		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.933		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71231	8.058				
1146-65-2	Naphthalene-d8	325071	10.867				
15067-26-2	Acenaphthene-d10	205668	14.686				
1517-22-2	Phenanthrene-d10	426943	17.429				
1719-03-5	Chrysene-d12	326672	21.689				
1520-96-3	Perylene-d12	381008	24.909				
TENTATIVE IDENTIFIED COMPOUNDS							
034862-07-2	2,2-Dichloroethyl methyl ether	120	J			3.734	
000079-39-0	Methacrylamide	660	J			3.992	
017612-35-0	Oxirane, 2,2-dimethyl-3-propyl-	200	J			4.774	
1000186-02-3	Acetic acid, 3-[1,3]dioxolan-2-ylp	250	J			5.132	
056960-89-5	Guanidine, monothiocyanate	220	J			5.226	
001119-40-0	Pentanedioic acid, dimethyl ester	120	J			9.768	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.601	
	unknown-01	98	J			15.026	
000057-10-3	n-Hexadecanoic acid	350	J			18.311	
000832-64-4	Phenanthrene, 4-methyl-	92	J			18.346	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	94	J			18.493	
	(DEL) Alkane: Straight-Chain20.308	120	J			20.308	
	(DEL) Alkane: Straight-Chain20.332	130	J			20.332	
	(DEL) Alkane: Straight-Chain21.331	1000	J			21.331	
1000351-83-8	Heneicosyl heptafluorobutyrate	1700	J			22.512	
002400-66-0	Eicosanal-	2100	J			23.546	
	(DEL) Alkane: Straight-Chain24.010	3300	J			24.01	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4BQ2	SDG No.:	BG070124
Lab Sample ID:	P2963-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BG061838.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
077899-03-7	1-Heneicosyl formate	5800	J			24.069	
057402-36-5	Docosanal	4600	J			25.485	
	(DEL) Alkane: Straight-Chain26.108	1900	J			26.108	
	(DEL) Alkane: Straight-Chain26.237	3000	J			26.237	
E966796	Total Alkanes	9500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ6	SDG No.:	BG070124
Lab Sample ID:	P2963-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
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
BG061839.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	74	U	74	110	420	ug/Kg
110-86-1	Pyridine	99	U	99	210	420	ug/Kg
108-95-2	Phenol	39	U	39	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.6	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	110	420	ug/Kg
98-86-2	Acetophenone	85	U	85	110	420	ug/Kg
106-44-5	4-Methylphenol	68	U	68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	54.6	220	ug/Kg
67-72-1	Hexachloroethane	78	U	78	54.6	220	ug/Kg
98-95-3	Nitrobenzene	82	U	82	54.6	220	ug/Kg
78-59-1	Isophorone	85	U	85	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	54.6	220	ug/Kg
91-20-3	Naphthalene	66	J	31	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.6	220	ug/Kg
105-60-2	Caprolactam	82	U	82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	54.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ6	SDG No.:	BG070124
Lab Sample ID:	P2963-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
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
BG061839.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	54.6	220	ug/Kg
208-96-8	Acenaphthylene	65	J	37	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	420	ug/Kg
83-32-9	Acenaphthene	62	J	33	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	35	U	35	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.6	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54.6	220	ug/Kg
86-73-7	Fluorene	63	J	35	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.6	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	880		35	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	54.6	220	ug/Kg
120-12-7	Anthracene	180	J	32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.6	220	ug/Kg
86-74-8	Carbazole	78	J	44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	52	J	35	54.6	220	ug/Kg
206-44-0	Fluoranthene	1600		24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ6	SDG No.:	BG070124
Lab Sample ID:	P2963-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
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
BG061839.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		23	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	780		30	54.6	220	ug/Kg
218-01-9	Chrysene	860		31	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	32	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		47	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	380		49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	410		40	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	340		36	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	33	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.704		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	2.157	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	26.044		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.527		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.835		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	24.013		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	33.012		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.626		10-120		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.936		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.174		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.391		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.119		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.313		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	30.213		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ6	SDG No.:	BG070124
Lab Sample ID:	P2963-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.1
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
BG061839.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.698		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	30.637		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	30.583		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.114		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69741	8.06				
1146-65-2	Naphthalene-d8	314544	10.868				
15067-26-2	Acenaphthene-d10	199161	14.687				
1517-22-2	Phenanthrene-d10	434063	17.431				
1719-03-5	Chrysene-d12	322367	21.697				
1520-96-3	Perylene-d12	394610	24.916				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			3.729	
	unknown-02	280	J			3.988	
	unknown-03	91	J			4.775	
	unknown-04	210	J			5.134	
023120-44-7	Oxetane, 2,2,4-trimethyl-	92	J			5.228	
001119-40-0	Pentanedioic acid, dimethyl ester	110	J			9.769	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.597	
055702-45-9	1,1-Biphenyl, 2,3,6-trichloro-	340	J			18.03	
000779-02-2	Anthracene, 9-methyl-	320	J			18.307	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	440	J			18.494	
068194-04-7	2,2,4,6-Tetrachloro-1,1-bipheny	170	J			18.6	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	100	J			18.771	
041464-43-1	1,1-Biphenyl, 2,3,3,4-tetrachlo	140	J			19.305	
	(DEL) Alkane: Straight-Chain21.332	770	J			21.332	
	(DEL) Alkane: Straight-Chain22.507	1200	J			22.507	
E966796	Total Alkanes	2000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ7	SDG No.:	BG070124
Lab Sample ID:	P2963-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
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
BG061840.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	8.7	88	ug/Kg
100-52-7	Benzaldehyde	77	U	77	110	440	ug/Kg
110-86-1	Pyridine	100	U	100	220	440	ug/Kg
108-95-2	Phenol	40	U	40	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	440	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	56.2	220	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	110	440	ug/Kg
98-86-2	Acetophenone	87	U	87	110	440	ug/Kg
106-44-5	4-Methylphenol	70	U	70	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	56.2	220	ug/Kg
67-72-1	Hexachloroethane	81	U	81	56.2	220	ug/Kg
98-95-3	Nitrobenzene	85	U	85	56.2	220	ug/Kg
78-59-1	Isophorone	87	U	87	56.2	220	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	56.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	56.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	56.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	56.2	220	ug/Kg
91-20-3	Naphthalene	74	J	32	56.2	220	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	56.2	440	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	56.2	220	ug/Kg
105-60-2	Caprolactam	85	U	85	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	56.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	56.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	56.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	56.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	56.2	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ7	SDG No.:	BG070124
Lab Sample ID:	P2963-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
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
BG061840.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	56.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	56.2	220	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	56.2	220	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	56.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	56.2	220	ug/Kg
208-96-8	Acenaphthylene	57	J	38	56.2	220	ug/Kg
99-09-2	3-Nitroaniline	87	U	87	110	440	ug/Kg
83-32-9	Acenaphthene	100	J	34	56.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	71	J	36	56.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	56.2	220	ug/Kg
84-66-2	Diethylphthalate	44	U	44	56.2	220	ug/Kg
86-73-7	Fluorene	92	J	36	56.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56.2	220	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	56.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	56.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	56.2	220	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	56.2	220	ug/Kg
1912-24-9	Atrazine	37	U	37	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	1200		36	56.2	220	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	56.2	220	ug/Kg
120-12-7	Anthracene	230		33	56.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	56.2	220	ug/Kg
86-74-8	Carbazole	120	J	45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	56.2	220	ug/Kg
206-44-0	Fluoranthene	1900		25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ7	SDG No.:	BG070124
Lab Sample ID:	P2963-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
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
BG061840.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		24	56.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	56.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	820		30	56.2	220	ug/Kg
218-01-9	Chrysene	960		32	56.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260		33	56.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		49	56.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	390		50	56.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	470		41	56.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	380		37	56.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	J	34	56.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68	J	42	56.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	56.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.245		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	4.864	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	24.868		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.051		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.518		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.892		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	30.773		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.216		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.829		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.383		1-145		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.417		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.247		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.798		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	28.049		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ7	SDG No.:	BG070124
Lab Sample ID:	P2963-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061840.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.219		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	30.144		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	28.874		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.842		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77007	8.055				
1146-65-2	Naphthalene-d8	352062	10.87				
15067-26-2	Acenaphthene-d10	224754	14.683				
1517-22-2	Phenanthrene-d10	468992	17.433				
1719-03-5	Chrysene-d12	350960	21.692				
1520-96-3	Perylene-d12	420954	24.918				
TENTATIVE IDENTIFIED COMPOUNDS							
000079-39-0	Methacrylamide	170	J			3.99	
	unknown-01	240	J			5.135	
1010306-71-7	(3,3-Dimethyloxiranyl)methanol	88	J			5.229	
	unknown-02	110	J			9.771	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.604	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	470	J			18.026	
000613-12-7	Anthracene, 2-methyl-	380	J			18.308	
000610-48-0	Anthracene, 1-methyl-	210	J			18.349	
	unknown-03	510	J			18.496	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	220	J			18.596	
1000309-38-0	Oxalic acid, isobutyl pentadecyl e	900	J			21.334	
	(DEL) Alkane: Straight-Chain22.503	1300	J			22.503	
	(DEL) Alkane: Straight-Chain24.013	880	J			24.013	
E966796	Total Alkanes	2200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ8	SDG No.:	BG070124
Lab Sample ID:	P2963-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
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
BG061841.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.6	87	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	210	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	55.2	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	86	U	86	110	430	ug/Kg
106-44-5	4-Methylphenol	69	U	69	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.2	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	55.2	220	ug/Kg
98-95-3	Nitrobenzene	83	U	83	55.2	220	ug/Kg
78-59-1	Isophorone	86	U	86	55.2	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	55.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	55.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	55.2	220	ug/Kg
91-20-3	Naphthalene	130	J	31	55.2	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.2	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	55.2	220	ug/Kg
105-60-2	Caprolactam	83	U	83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	55.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	56	J	31	55.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	83	J	42	55.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.2	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ8	SDG No.:	BG070124
Lab Sample ID:	P2963-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
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
BG061841.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.2	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	55.2	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.2	220	ug/Kg
208-96-8	Acenaphthylene	69	J	38	55.2	220	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	110	430	ug/Kg
83-32-9	Acenaphthene	200	J	34	55.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	140	J	35	55.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	55.2	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.2	220	ug/Kg
86-73-7	Fluorene	190	J	35	55.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.2	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	55.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	55.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.2	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	55.2	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	2100		35	55.2	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55.2	220	ug/Kg
120-12-7	Anthracene	420		32	55.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.2	220	ug/Kg
86-74-8	Carbazole	200	J	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.2	220	ug/Kg
206-44-0	Fluoranthene	2800		25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ8	SDG No.:	BG070124
Lab Sample ID:	P2963-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
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
BG061841.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2100		23	55.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	55.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	1300		30	55.2	220	ug/Kg
218-01-9	Chrysene	1400		31	55.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	77	J	32	55.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		48	55.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	560		49	55.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	740		40	55.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	550		36	55.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270		34	55.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	95	J	42	55.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.433		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	30.157		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.828		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.112		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	27.817		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	37.023		10-135		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.837		10-120		105	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.272		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.418		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.395		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.71		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.84		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	32.346		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ8	SDG No.:	BG070124
Lab Sample ID:	P2963-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061841.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.776		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	34.964		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	34.01		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.737		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68652	8.059				
1146-65-2	Naphthalene-d8	323609	10.867				
15067-26-2	Acenaphthene-d10	207803	14.686				
1517-22-2	Phenanthrene-d10	442886	17.43				
1719-03-5	Chrysene-d12	332986	21.696				
1520-96-3	Perylene-d12	398994	24.927				
TENTATIVE IDENTIFIED COMPOUNDS							
000079-39-0	Methacrylamide	170	J			3.987	
	unknown-01	220	J			5.133	
	(DEL) Alkane: Straight-Chain	16.402	J			16.402	
000486-25-9	9H-Fluoren-9-one	110	J			17.083	
	unknown-02	140	J			17.177	
000132-65-0	Dibenzothiophene	140	J			17.248	
016606-02-3	1,1-Biphenyl, 2,4,5-trichloro-	160	J			18.018	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	440	J			18.311	
000832-69-9	Phenanthrene, 1-methyl-	460	J			18.352	
002531-84-2	Phenanthrene, 2-methyl-	130	J			18.435	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	570	J			18.499	
107426-38-0	Naphtho[2,3-b]norbornadiene	230	J			18.535	
	unknown-03	100	J			18.605	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	160	J			18.799	
000084-65-1	9,10-Anthracenedione	200	J			18.84	
085440-62-6	[14]Annulene, 1,6:7,12-bis(methano	89	J			19.046	
003674-66-6	Phenanthrene, 2,5-dimethyl-	290	J			19.216	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CQ8	SDG No.:	BG070124
Lab Sample ID:	P2963-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
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
BG061841.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-04	110	J			19.534	
000243-17-4	11H-Benzo[b]fluorene	180	J			20.333	
	(DEL) Alkane: Straight-Chain21.337	180	J			21.337	
	(DEL) Alkane: Straight-Chain22.506	350	J			22.506	
E966796	Total Alkanes	660				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR3	SDG No.:	BG070124
Lab Sample ID:	P2963-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.8
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
BG061842.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41	U	41	10	100	ug/Kg
100-52-7	Benzaldehyde	88	U	88	120	500	ug/Kg
110-86-1	Pyridine	120	U	120	250	500	ug/Kg
108-95-2	Phenol	45	U	45	120	500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	120	500	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	64.2	260	ug/Kg
95-48-7	2-Methylphenol	47	U	47	120	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	120	500	ug/Kg
98-86-2	Acetophenone	100	U	100	120	500	ug/Kg
106-44-5	4-Methylphenol	80	U	80	120	500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	64.2	260	ug/Kg
67-72-1	Hexachloroethane	92	U	92	64.2	260	ug/Kg
98-95-3	Nitrobenzene	97	U	97	64.2	260	ug/Kg
78-59-1	Isophorone	100	U	100	64.2	260	ug/Kg
88-75-5	2-Nitrophenol	91	U	91	64.2	260	ug/Kg
105-67-9	2,4-Dimethylphenol	48	U	48	64.2	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	64.2	260	ug/Kg
120-83-2	2,4-Dichlorophenol	57	U	57	64.2	260	ug/Kg
91-20-3	Naphthalene	36	U	36	64.2	260	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	64.2	500	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	64.2	260	ug/Kg
105-60-2	Caprolactam	97	U	97	120	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	64.2	260	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	64.2	260	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	64.2	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	120	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	36	U	36	64.2	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	64.2	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR3	SDG No.:	BG070124
Lab Sample ID:	P2963-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.8
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
BG061842.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	39	U	39	64.2	260	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	64.2	260	ug/Kg
88-74-4	2-Nitroaniline	68	U	68	64.2	260	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	64.2	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	64.2	260	ug/Kg
208-96-8	Acenaphthylene	44	U	44	64.2	260	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	120	500	ug/Kg
83-32-9	Acenaphthene	39	U	39	64.2	260	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	120	500	ug/Kg
100-02-7	4-Nitrophenol	66	U	66	120	500	ug/Kg
132-64-9	Dibenzofuran	41	U	41	64.2	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	64.2	260	ug/Kg
84-66-2	Diethylphthalate	50	U	50	64.2	260	ug/Kg
86-73-7	Fluorene	41	U	41	64.2	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	30	64.2	260	ug/Kg
100-01-6	4-Nitroaniline	36	U	36	120	500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	57	U	57	120	500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	64.2	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	64.2	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	64.2	260	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	64.2	260	ug/Kg
1912-24-9	Atrazine	42	U	42	120	500	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	500	ug/Kg
85-01-8	Phenanthrene	260		41	64.2	260	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	64.2	260	ug/Kg
120-12-7	Anthracene	56	J	38	64.2	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	26	U	26	64.2	260	ug/Kg
86-74-8	Carbazole	51	U	51	120	500	ug/Kg
84-74-2	Di-n-butylphthalate	41	U	41	64.2	260	ug/Kg
206-44-0	Fluoranthene	520		29	120	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR3	SDG No.:	BG070124
Lab Sample ID:	P2963-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.8
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
BG061842.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	470		27	64.2	260	ug/Kg
85-68-7	Butylbenzylphthalate	33	U	33	64.2	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	79	U	79	120	500	ug/Kg
56-55-3	Benzo(a)anthracene	220	J	35	64.2	260	ug/Kg
218-01-9	Chrysene	260		36	64.2	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320		38	64.2	260	ug/Kg
117-84-0	Di-n-octyl phthalate	73	U	73	120	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		56	64.2	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	J	57	64.2	260	ug/Kg
50-32-8	Benzo(a)pyrene	240	J	47	64.2	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	42	64.2	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	64.2	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	48	64.2	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	54	64.2	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.768		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	15.007		20-120		38	SPK: -40
4165-62-2	Phenol-d5	26.492		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.843		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.15		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	29.063		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	40.094		10-135		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	47.519		10-120		119	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.138		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.404		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.492		10-145		96	SPK: -40
93951-97-4	Acenaphthylene-d8	40.015		15-120		100	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.619		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	38.706		20-140		97	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR3	SDG No.:	BG070124
Lab Sample ID:	P2963-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.8
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
BG061842.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.706		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	39.795		10-150		99	SPK: -40
1718-52-1	Pyrene-d10	44.426		10-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.358		10-140		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68426	8.059				
1146-65-2	Naphthalene-d8	314950	10.868				
15067-26-2	Acenaphthene-d10	199874	14.687				
1517-22-2	Phenanthrene-d10	422934	17.431				
1719-03-5	Chrysene-d12	313964	21.691				
1520-96-3	Perylene-d12	380020	24.916				
TENTATIVE IDENTIFIED COMPOUNDS							
010325-41-4	2-Butanol, 3-chloro-, (R*,S*)-	160	J			3.729	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	100	J			7.642	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.602	
E966796	Total Alkanes	39	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR5	SDG No.:	BG070124
Lab Sample ID:	P2963-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BG061843.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.1	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	88.3	350	ug/Kg
110-86-1	Pyridine	82	U	82	180	350	ug/Kg
108-95-2	Phenol	32	U	32	88.3	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	88.3	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.5	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	88.3	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	88.3	350	ug/Kg
98-86-2	Acetophenone	71	U	71	88.3	350	ug/Kg
106-44-5	4-Methylphenol	57	U	57	88.3	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	45.5	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.5	180	ug/Kg
98-95-3	Nitrobenzene	69	U	69	45.5	180	ug/Kg
78-59-1	Isophorone	71	U	71	45.5	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.5	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.5	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.5	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.5	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.5	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	45.5	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.5	180	ug/Kg
105-60-2	Caprolactam	69	U	69	88.3	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.5	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.5	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.3	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.5	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.5	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR5	SDG No.:	BG070124
Lab Sample ID:	P2963-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BG061843.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.5	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.5	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.5	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.5	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	88.3	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.5	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	88.3	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.3	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.5	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.5	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.5	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.5	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	88.3	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	88.3	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.5	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.5	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.5	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.5	180	ug/Kg
1912-24-9	Atrazine	30	U	30	88.3	350	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	88.3	350	ug/Kg
85-01-8	Phenanthrene	280		29	45.5	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.5	180	ug/Kg
120-12-7	Anthracene	56	J	27	45.5	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.5	180	ug/Kg
86-74-8	Carbazole	36	U	36	88.3	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.5	180	ug/Kg
206-44-0	Fluoranthene	600		20	88.3	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR5	SDG No.:	BG070124
Lab Sample ID:	P2963-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BG061843.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	450		19	45.5	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.5	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	88.3	350	ug/Kg
56-55-3	Benzo(a)anthracene	290		25	45.5	180	ug/Kg
218-01-9	Chrysene	330		26	45.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	41	J	27	45.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	88.3	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		40	45.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	41	45.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	33	45.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	30	45.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	J	28	45.5	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.5	180	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	1.079	*	20-120		3	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.33		15-120		54	SPK: -8
4165-62-2	Phenol-d5	29.805		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.658		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.519		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	28.029		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	38.643		10-135		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.764		10-120		107	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.53		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.204		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.091		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	36.227		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.132		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	34.606		20-140		87	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR5	SDG No.:	BG070124
Lab Sample ID:	P2963-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BG061843.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.956		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	36.221		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	35.548		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.566		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67861	8.055				
1146-65-2	Naphthalene-d8	315671	10.869				
15067-26-2	Acenaphthene-d10	193102	14.688				
1517-22-2	Phenanthrene-d10	401720	17.432				
1719-03-5	Chrysene-d12	304094	21.692				
1520-96-3	Perylene-d12	360657	24.912				
TENTATIVE IDENTIFIED COMPOUNDS							
000079-39-0	Methacrylamide	99	J			3.995	
	unknown-01	160	J			5.135	
001119-40-0	Pentanedioic acid, dimethyl ester	75	J			9.77	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.604	
000544-63-8	Tetradecanoic acid	200	J			18.313	
004505-48-0	1H-Indene, 2-phenyl-	83	J			18.355	
1000331-34-4	Carbonic acid, ethyl 2-formyl-4,6-	90	J			18.496	
	(DEL) Alkane: Straight-Chain21.333	660	J			21.333	
	(DEL) Alkane: Straight-Chain22.520	910	J			22.52	
035599-77-0	Tridecane, 1-iodo-	710	J			24.013	
E966796	Total Alkanes	1600				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS7	SDG No.:	BG070124
Lab Sample ID:	P2963-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47
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
BG061844.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	51	U	51	12.5	130	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	620	ug/Kg
110-86-1	Pyridine	150	U	150	310	620	ug/Kg
108-95-2	Phenol	57	U	57	160	620	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	55	U	55	160	620	ug/Kg
95-57-8	2-Chlorophenol	53	U	53	80.2	320	ug/Kg
95-48-7	2-Methylphenol	58	U	58	160	620	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	160	620	ug/Kg
98-86-2	Acetophenone	120	U	120	160	620	ug/Kg
106-44-5	4-Methylphenol	100	U	100	160	620	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	80.2	320	ug/Kg
67-72-1	Hexachloroethane	120	U	120	80.2	320	ug/Kg
98-95-3	Nitrobenzene	120	U	120	80.2	320	ug/Kg
78-59-1	Isophorone	120	U	120	80.2	320	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	80.2	320	ug/Kg
105-67-9	2,4-Dimethylphenol	60	U	60	80.2	320	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	85	U	85	80.2	320	ug/Kg
120-83-2	2,4-Dichlorophenol	72	U	72	80.2	320	ug/Kg
91-20-3	Naphthalene	45	U	45	80.2	320	ug/Kg
106-47-8	4-Chloroaniline	68	U	68	80.2	620	ug/Kg
87-68-3	Hexachlorobutadiene	66	U	66	80.2	320	ug/Kg
105-60-2	Caprolactam	120	U	120	160	620	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77	U	77	80.2	320	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	80.2	320	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	60	80.2	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	160	620	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45	U	45	80.2	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	80.2	320	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS7	SDG No.:	BG070124
Lab Sample ID:	P2963-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47
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
BG061844.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	49	U	49	80.2	320	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	62	80.2	320	ug/Kg
88-74-4	2-Nitroaniline	85	U	85	80.2	320	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	80.2	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	38	U	38	80.2	320	ug/Kg
208-96-8	Acenaphthylene	55	U	55	80.2	320	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	160	620	ug/Kg
83-32-9	Acenaphthene	49	U	49	80.2	320	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	160	620	ug/Kg
100-02-7	4-Nitrophenol	83	U	83	160	620	ug/Kg
132-64-9	Dibenzofuran	51	U	51	80.2	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	66	U	66	80.2	320	ug/Kg
84-66-2	Diethylphthalate	62	U	62	80.2	320	ug/Kg
86-73-7	Fluorene	51	U	51	80.2	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38	U	38	80.2	320	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	160	620	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72	U	72	160	620	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	80.2	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	80.2	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	80.2	320	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	80.2	320	ug/Kg
1912-24-9	Atrazine	53	U	53	160	620	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	160	620	ug/Kg
85-01-8	Phenanthrene	570		51	80.2	320	ug/Kg
608-93-5	Pentachlorobenzene	70	U	70	80.2	320	ug/Kg
120-12-7	Anthracene	100	J	47	80.2	320	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	32	U	32	80.2	320	ug/Kg
86-74-8	Carbazole	64	J	64	160	620	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	80.2	320	ug/Kg
206-44-0	Fluoranthene	1300		36	160	320	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS7	SDG No.:	BG070124
Lab Sample ID:	P2963-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47
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
BG061844.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	850		34	80.2	320	ug/Kg
85-68-7	Butylbenzylphthalate	42	U	42	80.2	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98	U	98	160	620	ug/Kg
56-55-3	Benzo(a)anthracene	530		43	80.2	320	ug/Kg
218-01-9	Chrysene	640		45	80.2	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	420		47	80.2	320	ug/Kg
117-84-0	Di-n-octyl phthalate	91	U	91	160	620	ug/Kg
205-99-2	Benzo(b)fluoranthene	890		70	80.2	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	J	72	80.2	320	ug/Kg
50-32-8	Benzo(a)pyrene	310	J	58	80.2	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	J	53	80.2	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	49	80.2	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	80.2	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68	U	68	80.2	320	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.717		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	0.721	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	26.26		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.842		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.476		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	23.96		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	32.417		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.809		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.337		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.727		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.075		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.086		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.007		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	28.735		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS7	SDG No.:	BG070124
Lab Sample ID:	P2963-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47
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
BG061844.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.477		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	28.699		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	27.368		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.398		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76963	8.058				
1146-65-2	Naphthalene-d8	350205	10.873				
15067-26-2	Acenaphthene-d10	221637	14.686				
1517-22-2	Phenanthrene-d10	466913	17.436				
1719-03-5	Chrysene-d12	346491	21.695				
1520-96-3	Perylene-d12	414930	24.927				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	250	J			5.138	
	unknown-02	130	J			9.774	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.601	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	430	J			18.029	
000613-12-7	Anthracene, 2-methyl-	150	J			18.311	
032690-93-0	Biphenyl, 2,4,4,5-tetrachloro-	340	J			18.493	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	160	J			18.552	
036559-22-5	1,1-Biphenyl, 2,2,3,4-tetrachlo	220	J			18.775	
033284-54-7	1,1-Biphenyl, 2,3,5,6-tetrachloro	140	J			19.31	
032598-12-2	1,1-Biphenyl, 2,4,4,6-tetrachlor	240	J			19.345	
1000309-70-8	Oxalic acid, cyclobutyl octadecyl	1000	J			21.337	
062016-79-9	Heptacosane, 1-chloro-	1300	J			22.506	
E966796	Total Alkanes	49	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS8	SDG No.:	BG070124
Lab Sample ID:	P2963-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.5
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
BG061845.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	87.9	350	ug/Kg
110-86-1	Pyridine	82	U	82	180	350	ug/Kg
108-95-2	Phenol	32	U	32	87.9	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	87.9	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.3	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	87.9	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	87.9	350	ug/Kg
98-86-2	Acetophenone	70	U	70	87.9	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	87.9	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45.3	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.3	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45.3	180	ug/Kg
78-59-1	Isophorone	70	U	70	45.3	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.3	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.3	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.3	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.3	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.3	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45.3	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.3	180	ug/Kg
105-60-2	Caprolactam	68	U	68	87.9	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.3	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.9	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.3	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.3	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS8	SDG No.:	BG070124
Lab Sample ID:	P2963-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.5
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
BG061845.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.3	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.3	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.3	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.3	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.3	180	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	87.9	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.3	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	87.9	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.9	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.3	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.3	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.3	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.3	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.3	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	87.9	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	87.9	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.3	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.3	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.3	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.3	180	ug/Kg
1912-24-9	Atrazine	30	U	30	87.9	350	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	87.9	350	ug/Kg
85-01-8	Phenanthrene	180		29	45.3	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.3	180	ug/Kg
120-12-7	Anthracene	38	J	27	45.3	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.3	180	ug/Kg
86-74-8	Carbazole	36	U	36	87.9	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.3	180	ug/Kg
206-44-0	Fluoranthene	390		20	87.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS8	SDG No.:	BG070124
Lab Sample ID:	P2963-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.5
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
BG061845.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290		19	45.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	45.3	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.9	350	ug/Kg
56-55-3	Benzo(a)anthracene	180		25	45.3	180	ug/Kg
218-01-9	Chrysene	230		26	45.3	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.3	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	87.9	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		39	45.3	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	J	41	45.3	180	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	33	45.3	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96	J	30	45.3	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	J	28	45.3	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.3	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45.3	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.814		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	1.292	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	33.434		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.256		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.473		15-120		86	SPK: -40
190780-66-6	4-Methylphenol-d8	33.085		10-140		83	SPK: -40
4165-60-0	Nitrobenzene-d5	39.667		10-135		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	47.461		10-120		119	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.823		10-140		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.964		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.128		10-145		90	SPK: -40
93951-97-4	Acenaphthylene-d8	36.944		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.64		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	36.3		20-140		91	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CS8	SDG No.:	BG070124
Lab Sample ID:	P2963-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.5
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
BG061845.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.001		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	36.458		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	34.861		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.111		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69289	8.058				
1146-65-2	Naphthalene-d8	328131	10.873				
15067-26-2	Acenaphthene-d10	202839	14.686				
1517-22-2	Phenanthrene-d10	430128	17.436				
1719-03-5	Chrysene-d12	330931	21.695				
1520-96-3	Perylene-d12	395060	24.927				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	110	J			3.728	
	unknown-01	180	J			5.138	
001119-40-0	Pentanedioic acid, dimethyl ester	86	J			9.774	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.601	
000638-53-9	Tridecanoic acid	150	J			18.311	
1000351-78-2	Heptacosyl acetate	710	J			21.337	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR8	SDG No.:	BG070124
Lab Sample ID:	P2963-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061846.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.1	72	ug/Kg
100-52-7	Benzaldehyde	63	U	63	89.1	360	ug/Kg
110-86-1	Pyridine	83	U	83	180	360	ug/Kg
108-95-2	Phenol	32	U	32	89.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	89.1	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.9	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	89.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	89.1	360	ug/Kg
98-86-2	Acetophenone	71	U	71	89.1	360	ug/Kg
106-44-5	4-Methylphenol	57	U	57	89.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	45.9	180	ug/Kg
67-72-1	Hexachloroethane	66	U	66	45.9	180	ug/Kg
98-95-3	Nitrobenzene	69	U	69	45.9	180	ug/Kg
78-59-1	Isophorone	71	U	71	45.9	180	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	45.9	180	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	45.9	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	45.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.9	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.9	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	45.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	45.9	180	ug/Kg
105-60-2	Caprolactam	69	U	69	89.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.9	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	45.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	89.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	45.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR8	SDG No.:	BG070124
Lab Sample ID:	P2963-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
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
BG061846.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	45.9	180	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	45.9	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.9	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.9	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	89.1	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	89.1	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.1	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	45.9	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	45.9	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	45.9	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	89.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	89.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	45.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.9	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.9	180	ug/Kg
1912-24-9	Atrazine	30	U	30	89.1	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	89.1	360	ug/Kg
85-01-8	Phenanthrene	180		29	45.9	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.9	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.9	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.9	180	ug/Kg
86-74-8	Carbazole	37	U	37	89.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.9	180	ug/Kg
206-44-0	Fluoranthene	390		21	89.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR8	SDG No.:	BG070124
Lab Sample ID:	P2963-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
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
BG061846.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290		19	45.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	89.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	180		25	45.9	180	ug/Kg
218-01-9	Chrysene	230		26	45.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	89.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		40	45.9	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	41	45.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	33	45.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	30	45.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	J	28	45.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	45.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.9	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.852		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	1.313	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	23.765		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.6		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.284		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	22.321		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	33.845		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.886		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.991		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.32		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.67		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	31.038		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.876		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	30.74		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR8	SDG No.:	BG070124
Lab Sample ID:	P2963-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
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
BG061846.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.018		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	30.366		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	29.587		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.281		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70540	8.058				
1146-65-2	Naphthalene-d8	312842	10.873				
15067-26-2	Acenaphthene-d10	197897	14.692				
1517-22-2	Phenanthrene-d10	413568	17.436				
1719-03-5	Chrysene-d12	317101	21.695				
1520-96-3	Perylene-d12	378040	24.927				
TENTATIVE IDENTIFIED COMPOUNDS							
000079-39-0	Methacrylamide	72	J			3.987	
000767-04-4	2-Propanone, 1-(1,3-dioxolan-2-yl)	150	J			5.138	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.601	
107426-38-0	Naphtho[2,3-b]norbornadiene	110	J			18.311	
	(DEL) Alkane: Straight-Chain21.337	720	J			21.337	
E966796	Total Alkanes	720				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR9	SDG No.:	BG070124
Lab Sample ID:	P2963-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BG061847.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	54	U	54	13.2	130	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	660	ug/Kg
110-86-1	Pyridine	150	U	150	330	660	ug/Kg
108-95-2	Phenol	60	U	60	170	660	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	58	U	58	170	660	ug/Kg
95-57-8	2-Chlorophenol	56	U	56	85.1	340	ug/Kg
95-48-7	2-Methylphenol	62	U	62	170	660	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	80	U	80	170	660	ug/Kg
98-86-2	Acetophenone	130	U	130	170	660	ug/Kg
106-44-5	4-Methylphenol	110	U	110	170	660	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	85.1	340	ug/Kg
67-72-1	Hexachloroethane	120	U	120	85.1	340	ug/Kg
98-95-3	Nitrobenzene	130	U	130	85.1	340	ug/Kg
78-59-1	Isophorone	130	U	130	85.1	340	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	85.1	340	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	64	85.1	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	90	U	90	85.1	340	ug/Kg
120-83-2	2,4-Dichlorophenol	76	U	76	85.1	340	ug/Kg
91-20-3	Naphthalene	48	U	48	85.1	340	ug/Kg
106-47-8	4-Chloroaniline	72	U	72	85.1	660	ug/Kg
87-68-3	Hexachlorobutadiene	70	U	70	85.1	340	ug/Kg
105-60-2	Caprolactam	130	U	130	170	660	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82	U	82	85.1	340	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	85.1	340	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	64	85.1	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	170	660	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	85.1	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66	U	66	85.1	340	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR9	SDG No.:	BG070124
Lab Sample ID:	P2963-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BG061847.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	85.1	340	ug/Kg
91-58-7	2-Chloronaphthalene	66	U	66	85.1	340	ug/Kg
88-74-4	2-Nitroaniline	90	U	90	85.1	340	ug/Kg
131-11-3	Dimethylphthalate	60	U	60	85.1	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	40	U	40	85.1	340	ug/Kg
208-96-8	Acenaphthylene	58	U	58	85.1	340	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	170	660	ug/Kg
83-32-9	Acenaphthene	52	U	52	85.1	340	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	170	660	ug/Kg
100-02-7	4-Nitrophenol	88	U	88	170	660	ug/Kg
132-64-9	Dibenzofuran	54	U	54	85.1	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	70	U	70	85.1	340	ug/Kg
84-66-2	Diethylphthalate	66	U	66	85.1	340	ug/Kg
86-73-7	Fluorene	54	U	54	85.1	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40	U	40	85.1	340	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	170	660	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	170	660	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	85.1	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	68	U	68	85.1	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	85.1	340	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	85.1	340	ug/Kg
1912-24-9	Atrazine	56	U	56	170	660	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	170	660	ug/Kg
85-01-8	Phenanthrene	800		54	85.1	340	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	85.1	340	ug/Kg
120-12-7	Anthracene	130	J	50	85.1	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	34	U	34	85.1	340	ug/Kg
86-74-8	Carbazole	98	J	68	170	660	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	85.1	340	ug/Kg
206-44-0	Fluoranthene	1800		38	170	340	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR9	SDG No.:	BG070124
Lab Sample ID:	P2963-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BG061847.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		36	85.1	340	ug/Kg
85-68-7	Butylbenzylphthalate	73	J	44	85.1	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	170	660	ug/Kg
56-55-3	Benzo(a)anthracene	720		46	85.1	340	ug/Kg
218-01-9	Chrysene	890		48	85.1	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	540		50	85.1	340	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	170	660	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		74	85.1	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	370		76	85.1	340	ug/Kg
50-32-8	Benzo(a)pyrene	430		62	85.1	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370		56	85.1	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	J	52	85.1	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64	U	64	85.1	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	72	U	72	85.1	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.225		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	28.119		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.79		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.315		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	26.483		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	36.114		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.37		10-120		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.095		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.533		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.861		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	33.084		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.278		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	31.745		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	A4CR9	SDG No.:	BG070124
Lab Sample ID:	P2963-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.2
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
BG061847.D	1	6/22/2024 12:00:00 AM	7/2/2024 12:00:00 AM	PB161652

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.585		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	33.236		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	31.644		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.362		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68870	8.055				
1146-65-2	Naphthalene-d8	307559	10.87				
15067-26-2	Acenaphthene-d10	193716	14.689				
1517-22-2	Phenanthrene-d10	392907	17.433				
1719-03-5	Chrysene-d12	307366	21.698				
1520-96-3	Perylene-d12	368992	24.924				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	140	J			3.731	
	unknown-02	280	J			5.135	
001119-40-0	Pentanedioic acid, dimethyl ester	160	J			9.777	
000770-35-4	1-Phenoxypropan-2-ol	280	J			11.604	
002531-84-2	Phenanthrene, 2-methyl-	220	J			18.308	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	260	J			18.496	
000084-65-1	9,10-Anthracenedione	150	J			18.843	
	(DEL) Alkane: Straight-Chain	21.334	J			21.334	
E966796	Total Alkanes	730				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : AR1254 50PPM								
AR1254 50PPM	AR1254 50PPM	Water	(DEL) Alkane: Cyclic3.335	*	4,100.000	J		
AR1254 50PPM	AR1254 50PPM	Water	(DEL) Alkane: Straight-Chain3.37	*	29,000.000	J		
AR1254 50PPM	AR1254 50PPM	Water	1,1-Biphenyl, 2,2,3,4,6-Pentach	*	3,500.000	J		
AR1254 50PPM	AR1254 50PPM	Water	1,1-Biphenyl, 2,2,3,4-tetrachlo	*	2,200.000	J		
AR1254 50PPM	AR1254 50PPM	Water	1,1-Biphenyl, 2,2,4,6,6-Pentach	*	4,400.000	J		
AR1254 50PPM	AR1254 50PPM	Water	1,1-Biphenyl, 2,3,4,4,5-Pentachl	*	2,800.000	J		
AR1254 50PPM	AR1254 50PPM	Water	Total Alkanes	*	33,000.000	990	5000	ug/L
Total Tics :					79,000.00			
Total Concentration:					79,000.00			
Client ID : AR1660 50PPM								
AR1660 50PPM	AR1660 50PPM	Water	(DEL) Alkane: Cyclic3.338	*	3,200.000	J		
AR1660 50PPM	AR1660 50PPM	Water	(DEL) Alkane: Straight-Chain3.37	*	26,000.000	J		
AR1660 50PPM	AR1660 50PPM	Water	1,1-Biphenyl, 2,2,3,4,5,5-hexa	*	2,100.000	J		
AR1660 50PPM	AR1660 50PPM	Water	1,1-Biphenyl, 2,2,4,4,6,6-hexa	*	2,700.000	J		
AR1660 50PPM	AR1660 50PPM	Water	1,1-Biphenyl, 2,2,5-trichloro-	*	3,500.000	J		
AR1660 50PPM	AR1660 50PPM	Water	1,1-Biphenyl, 2,3,4-trichloro-	*	2,500.000	J		
AR1660 50PPM	AR1660 50PPM	Water	1,1-Biphenyl, 2,4,4-trichloro-	*	5,500.000	J		
AR1660 50PPM	AR1660 50PPM	Water	1,1-Biphenyl, 2,4,5-trichloro-	*	2,100.000	J		
AR1660 50PPM	AR1660 50PPM	Water	1,1-Biphenyl, 2,4-dichloro-	*	2,600.000	J		
AR1660 50PPM	AR1660 50PPM	Water	2,3,4,4,5,6-Hexachloro-1,1-biphe	*	2,200.000	J		
AR1660 50PPM	AR1660 50PPM	Water	Total Alkanes	*	29,000.000	990	5000	ug/L
Total Tics :					81,400.00			
Total Concentration:					81,400.00			
Client ID : A4C66								
P2871-01	A4C66	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :					0.00			
P2871-01	A4C66	Solid	4-Methylphenol		170.000	J 66	410	ug/Kg
P2871-01	A4C66	Solid	Anthracene		49.000	J 31	210	ug/Kg
P2871-01	A4C66	Solid	Benzo(a)anthracene		210.000	J 29	210	ug/Kg
P2871-01	A4C66	Solid	Benzo(a)pyrene		130.000	J 39	210	ug/Kg
P2871-01	A4C66	Solid	Benzo(b)fluoranthene		290.000	J 46	210	ug/Kg
P2871-01	A4C66	Solid	Benzo(k)fluoranthene		100.000	J 47	210	ug/Kg
P2871-01	A4C66	Solid	Bis(2-ethylhexyl)phthalate		53.000	J 31	210	ug/Kg
P2871-01	A4C66	Solid	Chrysene		240.000	J 30	210	ug/Kg
P2871-01	A4C66	Solid	Fluoranthene		570.000	J 24	210	ug/Kg
P2871-01	A4C66	Solid	Indeno(1,2,3-cd)pyrene		90.000	J 35	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2871-01	A4C66	Solid	Phenanthrene	250.000		34	210	ug/Kg
P2871-01	A4C66	Solid	Phenol	49.000	J	37	410	ug/Kg
P2871-01	A4C66	Solid	Pyrene	400.000		22	210	ug/Kg
Total Svoc :				2,601.00				
Total Concentration:				2,601.00				
Client ID : A4C54								
P2871-06	A4C54	Solid	(DEL) Alkane: Straight-Chain24.(*	1,000.000	J			
P2871-06	A4C54	Solid	1-Phenoxypropan-2-ol *	130.000	J			
P2871-06	A4C54	Solid	2-Pyrrolidinone *	250.000	J			
P2871-06	A4C54	Solid	4H-Cyclopenta[def]phenanthrene *	190.000	J			
P2871-06	A4C54	Solid	Anthracene, 2-methyl- *	190.000	J			
P2871-06	A4C54	Solid	Sulfoxide, hexadecyl methyl *	360.000	J			
P2871-06	A4C54	Solid	unknown-01 *	270.000	J			
P2871-06	A4C54	Solid	Total Alkanes *	1,000.000		41	270	ug/Kg
Total Tics :				3,390.00				
P2871-06	A4C54	Solid	Anthracene	120.000	J	39	270	ug/Kg
P2871-06	A4C54	Solid	Benzo(a)anthracene	460.000		36	270	ug/Kg
P2871-06	A4C54	Solid	Benzo(a)pyrene	280.000		49	270	ug/Kg
P2871-06	A4C54	Solid	Benzo(b)fluoranthene	700.000		58	270	ug/Kg
P2871-06	A4C54	Solid	Benzo(k)fluoranthene	210.000	J	59	270	ug/Kg
P2871-06	A4C54	Solid	Bis(2-ethylhexyl)phthalate	200.000	J	39	270	ug/Kg
P2871-06	A4C54	Solid	Carbazole	61.000	J	53	520	ug/Kg
P2871-06	A4C54	Solid	Chrysene	530.000		38	270	ug/Kg
P2871-06	A4C54	Solid	Di-n-butylphthalate	62.000	J	42	270	ug/Kg
P2871-06	A4C54	Solid	Dibenzo(a,h)anthracene	100.000	J	41	270	ug/Kg
P2871-06	A4C54	Solid	Fluoranthene	1,200.000		30	270	ug/Kg
P2871-06	A4C54	Solid	Indeno(1,2,3-cd)pyrene	220.000	J	44	270	ug/Kg
P2871-06	A4C54	Solid	Phenanthrene	560.000		42	270	ug/Kg
P2871-06	A4C54	Solid	Pyrene	800.000		28	270	ug/Kg
Total Svoc :				5,503.00				
Total Concentration:				8,893.00				
Client ID : A4C57								
P2871-08	A4C57	Solid	(DEL) Alkane: Straight-Chain22.(*	550.000	J			
P2871-08	A4C57	Solid	(DEL) Alkane: Straight-Chain24.(*	740.000	J			
P2871-08	A4C57	Solid	1-Phenoxypropan-2-ol *	84.000	J			
P2871-08	A4C57	Solid	6H-Cyclobuta[jk]phenanthrene *	150.000	J			
P2871-08	A4C57	Solid	Anthracene, 1-methyl- *	250.000	J			
P2871-08	A4C57	Solid	Anthracene, 2-methyl- *	110.000	J			
P2871-08	A4C57	Solid	Benzeneacetonitrile, .alpha.-hydro *	130.000	J			

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SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2871-08	A4C57	Solid	Methacrylamide	*	140.000	J		
P2871-08	A4C57	Solid	Octacosyl acetate	*	450.000	J		
P2871-08	A4C57	Solid	Safrole	*	540.000	J		
P2871-08	A4C57	Solid	unknown-01	*	230.000	J		
P2871-08	A4C57	Solid	Total Alkanes	*	1,300.000	29	190	ug/Kg
Total Tics :					4,674.00			
P2871-08	A4C57	Solid	Acenaphthene		41.000	J 29	190	ug/Kg
P2871-08	A4C57	Solid	Acenaphthylene		37.000	J 32	190	ug/Kg
P2871-08	A4C57	Solid	Anthracene		110.000	J 28	190	ug/Kg
P2871-08	A4C57	Solid	Benzaldehyde		71.000	J 64	360	ug/Kg
P2871-08	A4C57	Solid	Benzo(a)anthracene		390.000	25	190	ug/Kg
P2871-08	A4C57	Solid	Benzo(a)pyrene		250.000	34	190	ug/Kg
P2871-08	A4C57	Solid	Benzo(b)fluoranthene		510.000	41	190	ug/Kg
P2871-08	A4C57	Solid	Benzo(k)fluoranthene		200.000	42	190	ug/Kg
P2871-08	A4C57	Solid	Carbazole		44.000	J 38	360	ug/Kg
P2871-08	A4C57	Solid	Chrysene		430.000	26	190	ug/Kg
P2871-08	A4C57	Solid	Dibenzo(a,h)anthracene		78.000	J 29	190	ug/Kg
P2871-08	A4C57	Solid	Fluoranthene		920.000	21	190	ug/Kg
P2871-08	A4C57	Solid	Fluorene		38.000	J 30	190	ug/Kg
P2871-08	A4C57	Solid	Indeno(1,2,3-cd)pyrene		190.000	31	190	ug/Kg
P2871-08	A4C57	Solid	Phenanthrene		520.000	30	190	ug/Kg
P2871-08	A4C57	Solid	Pyrene		690.000	20	190	ug/Kg
Total Svoc :					4,519.00			
Total Concentration:					9,193.00			
Client ID : A4C60								
P2871-10	A4C60	Solid	(DEL) Alkane: Cyclic21.333	*	220.000	J		
P2871-10	A4C60	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P2871-10	A4C60	Solid	n-Hexadecanoic acid	*	210.000	J		
P2871-10	A4C60	Solid	Pentanedioic acid, dimethyl ester	*	93.000	J		
P2871-10	A4C60	Solid	Total Alkanes	*	220.000	31	200	ug/Kg
Total Tics :					893.00			
P2871-10	A4C60	Solid	Fluoranthene		51.000	J 22	200	ug/Kg
P2871-10	A4C60	Solid	Pyrene		48.000	J 21	200	ug/Kg
Total Svoc :					99.00			
Total Concentration:					992.00			
Client ID : A4CJ1								
P2871-11	A4CJ1	Solid	(DEL) Alkane: Straight-Chain21.3	*	520.000	J		
P2871-11	A4CJ1	Solid	(DEL) Alkane: Straight-Chain24.0	*	1,500.000	J		
P2871-11	A4CJ1	Solid	1-Propanol, 3-phenoxy-	*	190.000	J		
P2871-11	A4CJ1	Solid	4H-Cyclopenta[def]phenanthrene	*	200.000	J		

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SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2871-11	A4CJ1	Solid	Methacrylamide	*	180.000	J		
P2871-11	A4CJ1	Solid	n-Hexadecanoic acid	*	250.000	J		
P2871-11	A4CJ1	Solid	unknown-01	*	400.000	J		
P2871-11	A4CJ1	Solid	unknown-02	*	160.000	J		
P2871-11	A4CJ1	Solid	Total Alkanes	*	2,000.000	57	380	ug/Kg
Total Tics :				5,400.00				
P2871-11	A4CJ1	Solid	Anthracene		87.000	J 55	380	ug/Kg
P2871-11	A4CJ1	Solid	Benzo(a)anthracene		510.000	51	380	ug/Kg
P2871-11	A4CJ1	Solid	Benzo(a)pyrene	J	310.000	69	380	ug/Kg
P2871-11	A4CJ1	Solid	Benzo(b)fluoranthene		820.000	82	380	ug/Kg
P2871-11	A4CJ1	Solid	Benzo(k)fluoranthene	J	270.000	84	380	ug/Kg
P2871-11	A4CJ1	Solid	Bis(2-ethylhexyl)phthalate	J	280.000	55	380	ug/Kg
P2871-11	A4CJ1	Solid	Chrysene		620.000	53	380	ug/Kg
P2871-11	A4CJ1	Solid	Dibenzo(a,h)anthracene	J	110.000	57	380	ug/Kg
P2871-11	A4CJ1	Solid	Fluoranthene		1,400.000	42	380	ug/Kg
P2871-11	A4CJ1	Solid	Indeno(1,2,3-cd)pyrene	J	270.000	62	380	ug/Kg
P2871-11	A4CJ1	Solid	Phenanthrene		560.000	60	380	ug/Kg
P2871-11	A4CJ1	Solid	Pyrene		920.000	40	380	ug/Kg
Total Svoc :				6,157.00				
Total Concentration:				11,557.00				
Client ID : A4CN8								
P2871-17	A4CN8	Solid	(DEL) Alkane: Straight-Chain26.1	*	550.000	J		
P2871-17	A4CN8	Solid	1,2-Ethanediamine, N-ethyl-N-me	*	43.000	J		
P2871-17	A4CN8	Solid	Heptafluorobutyric acid, n-octade	*	180.000	J		
P2871-17	A4CN8	Solid	Isopropyl Alcohol	*	130.000	J		
P2871-17	A4CN8	Solid	n-Hexadecanoic acid	*	61.000	J		
P2871-17	A4CN8	Solid	Tetracosyl heptafluorobutyrate	*	190.000	J		
P2871-17	A4CN8	Solid	Tridecane, 1-iodo-	*	200.000	J		
P2871-17	A4CN8	Solid	unknown-01	*	160.000	J		
P2871-17	A4CN8	Solid	Total Alkanes	*	550.000	13	88	ug/Kg
Total Tics :				2,064.00				
Total Concentration:				2,064.00				
Client ID : A4B53								
P2871-22	A4B53	Solid	(DEL) Alkane: Straight-Chain21.3	*	290.000	J		
P2871-22	A4B53	Solid	1,1-Biphenyl, 2,2,5-trichloro-	*	360.000	J		
P2871-22	A4B53	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	280.000	J		
P2871-22	A4B53	Solid	1,1-Biphenyl, 2,2-dichloro-	*	330.000	J		
P2871-22	A4B53	Solid	1,1-Biphenyl, 2,3,3,4-tetrachlo	*	120.000	J		
P2871-22	A4B53	Solid	1,1-Biphenyl, 2,3,4,6-Tetrachlor	*	190.000	J		

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SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2871-22	A4B53	Solid	1,1-Biphenyl, 2,3,4-trichloro-	*	560.000	J		
P2871-22	A4B53	Solid	1,1-Biphenyl, 2,3-dichloro-	*	180.000	J		
P2871-22	A4B53	Solid	1,1-Biphenyl, 2,4,5-trichloro-	*	120.000	J		
P2871-22	A4B53	Solid	1,1-Biphenyl, 2,4-dichloro-	*	270.000	J		
P2871-22	A4B53	Solid	1-Phenoxypropan-2-ol	*	240.000	J		
P2871-22	A4B53	Solid	2,2,3-Trichloro-1,1-biphenyl	*	160.000	J		
P2871-22	A4B53	Solid	2,2,4-Trichloro-1,1-biphenyl	*	190.000	J		
P2871-22	A4B53	Solid	n-Hexadecanoic acid	*	810.000	J		
P2871-22	A4B53	Solid	Oxacyclopentadecan-2-one	*	270.000	J		
P2871-22	A4B53	Solid	Pentadecanoic acid	*	230.000	J		
P2871-22	A4B53	Solid	Supraene	*	1,500.000	J		
P2871-22	A4B53	Solid	Triphenyl phosphate	*	690.000	J		
P2871-22	A4B53	Solid	unknown-01	*	180.000	J		
P2871-22	A4B53	Solid	unknown-02	*	350.000	J		
P2871-22	A4B53	Solid	Total Alkanes	*	290.000	46	300	ug/Kg
Total Tics :					7,610.00			
P2871-22	A4B53	Solid	Anthracene		64.000	J 44	300	ug/Kg
P2871-22	A4B53	Solid	Benzo(a)anthracene		230.000	J 41	300	ug/Kg
P2871-22	A4B53	Solid	Benzo(a)pyrene		110.000	J 55	300	ug/Kg
P2871-22	A4B53	Solid	Benzo(b)fluoranthene		300.000	65	300	ug/Kg
P2871-22	A4B53	Solid	Benzo(k)fluoranthene		93.000	J 67	300	ug/Kg
P2871-22	A4B53	Solid	Bis(2-ethylhexyl)phthalate		210.000	J 44	300	ug/Kg
P2871-22	A4B53	Solid	Chrysene		230.000	J 42	300	ug/Kg
P2871-22	A4B53	Solid	Fluoranthene		530.000	33	300	ug/Kg
P2871-22	A4B53	Solid	Indeno(1,2,3-cd)pyrene		88.000	J 49	300	ug/Kg
P2871-22	A4B53	Solid	Phenanthrene		330.000	48	300	ug/Kg
P2871-22	A4B53	Solid	Pyrene		360.000	32	300	ug/Kg
Total Svoc :					2,545.00			
Total Concentration:					10,155.00			
Client ID : C0T74								
P2962-02	C0T74	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P2962-02	C0T74	Solid	Heptadecyl heptafluorobutyrate	*	300.000	J		
P2962-02	C0T74	Solid	Total Alkanes	*	0.000	37	240	ug/Kg
Total Tics :					400.00			
Total Concentration:					400.00			
Client ID : C0T75								
P2962-03	C0T75	Solid	Heptafluorobutyric acid, n-octadec	*	130.000	J		
P2962-03	C0T75	Solid	n-Hexadecanoic acid	*	110.000	J		
P2962-03	C0T75	Solid	Total Alkanes	*	0.000	27	180	ug/Kg
Total Tics :					240.00			

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SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				240.00				
Client ID : C0T89								
P2962-15	C0T89	Solid	(DEL) Alkane: Cyclic10.718	*	150.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Cyclic10.753	*	350.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Cyclic11.564	*	1,600.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Cyclic12.357	*	190.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Cyclic12.668	*	240.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Cyclic12.968	*	520.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Cyclic15.207	*	710.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Cyclic16.147	*	340.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Cyclic8.338	*	770.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain10.1	*	310.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain10.2	*	510.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain10.3	*	490.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain11.1	*	340.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain11.3	*	350.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain11.6	*	570.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain11.6	*	850.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain11.7	*	700.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain11.8	*	3,100.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain12.9	*	300.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain13.1	*	91.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain13.2	*	1,400.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain13.6	*	330.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain14.1	*	1,900.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain15.4	*	350.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain15.9	*	1,600.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain16.4	*	6,300.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain17.2	*	2,100.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain17.8	*	770.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain8.5	*	1,400.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain8.7	*	2,000.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain8.8	*	1,200.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain9.5	*	490.000	J		
P2962-15	C0T89	Solid	(DEL) Alkane: Straight-Chain9.6	*	380.000	J		
P2962-15	C0T89	Solid	1,3,8-p-Menthatriene	*	170.000	J		
P2962-15	C0T89	Solid	1,4,5,8-Tetramethylnaphthalene	*	300.000	J		
P2962-15	C0T89	Solid	1,5,6,7-Tetramethylbicyclo[3.2.0]	*	170.000	J		
P2962-15	C0T89	Solid	1-Methyldecahydronaphthalene	*	490.000	J		
P2962-15	C0T89	Solid	1H-Indene, 2,3-dihydro-1,2-dimet	*	560.000	J		

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2962-15	C0T89	Solid	Benzene, pentamethyl-	*	200.000	J		
P2962-15	C0T89	Solid	Chamazulene	*	440.000	J		
P2962-15	C0T89	Solid	Cyclohexane, 2-propenyl-	*	870.000	J		
P2962-15	C0T89	Solid	Decahydro-1,1,4a,5,6-pentamethy	*	410.000	J		
P2962-15	C0T89	Solid	Naphthalene, 1,2-dimethyl-	*	190.000	J		
P2962-15	C0T89	Solid	Naphthalene, 1,3-dimethyl-	*	600.000	J		
P2962-15	C0T89	Solid	Naphthalene, 1,4,6-trimethyl-	*	590.000	J		
P2962-15	C0T89	Solid	Naphthalene, 2,3,6-trimethyl-	*	380.000	J		
P2962-15	C0T89	Solid	Naphthalene, decahydro-2-methyl	*	160.000	J		
P2962-15	C0T89	Solid	o-Cymene	*	740.000	J		
P2962-15	C0T89	Solid	p-Cymene	*	1,500.000	J		
P2962-15	C0T89	Solid	Sulfurous acid, butyl tridecyl est	*	270.000	J		
P2962-15	C0T89	Solid	unknown-01	*	1,800.000	J		
P2962-15	C0T89	Solid	unknown-02	*	150.000	J		
P2962-15	C0T89	Solid	unknown-03	*	570.000	J		
P2962-15	C0T89	Solid	unknown-04	*	230.000	J		
P2962-15	C0T89	Solid	unknown-05	*	290.000	J		
P2962-15	C0T89	Solid	unknown-06	*	290.000	J		
P2962-15	C0T89	Solid	unknown-07	*	430.000	J		
P2962-15	C0T89	Solid	unknown-08	*	280.000	J		
P2962-15	C0T89	Solid	unknown-09	*	220.000	J		
P2962-15	C0T89	Solid	unknown-10	*	180.000	J		
P2962-15	C0T89	Solid	unknown-11	*	220.000	J		
P2962-15	C0T89	Solid	unknown-12	*	890.000	J		
P2962-15	C0T89	Solid	unknown-13	*	280.000	J		
P2962-15	C0T89	Solid	Total Alkanes	*	33,000.000	31	200	ug/Kg
Total Tics :					79,571.00			
P2962-15	C0T89	Solid	1,1-Biphenyl		350.000	31	200	ug/Kg
P2962-15	C0T89	Solid	1-Methylnaphthalene		1,300.000	29	200	ug/Kg
P2962-15	C0T89	Solid	2-Methylnaphthalene		180.000	J 38	200	ug/Kg
P2962-15	C0T89	Solid	Acenaphthene		130.000	J 31	200	ug/Kg
P2962-15	C0T89	Solid	Anthracene		55.000	J 30	200	ug/Kg
P2962-15	C0T89	Solid	Fluoranthene		63.000	J 23	200	ug/Kg
P2962-15	C0T89	Solid	Fluorene		210.000	32	200	ug/Kg
P2962-15	C0T89	Solid	Phenanthrene		330.000	32	200	ug/Kg
P2962-15	C0T89	Solid	Pyrene		110.000	J 22	200	ug/Kg
Total Svoc :					2,728.00			
Total Concentration:					82,299.00			

Client ID : C0T90

P2962-16 C0T90 Solid (DEL) Alkane: Straight-Chain21.3 * 140.000 J

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2962-16	C0T90	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P2962-16	C0T90	Solid	Isopropyl Alcohol	*	140.000	J		
P2962-16	C0T90	Solid	Total Alkanes	*	140.000	29	190	ug/Kg
Total Tics :					550.00			
Total Concentration:					550.00			

Client ID : C0T91

P2962-17	C0T91	Solid	(DEL) Alkane: Cyclic11.566	*	1,400.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Cyclic11.918	*	460.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Cyclic12.964	*	630.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Cyclic16.143	*	260.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Cyclic9.368	*	440.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain10.1	*	260.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain10.1	*	490.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain10.2	*	480.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain11.2	*	310.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain11.6	*	550.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain11.7	*	590.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain11.8	*	3,000.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain12.1	*	380.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain12.4	*	300.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain12.8	*	230.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain13.0	*	94.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain13.1	*	88.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain13.2	*	1,400.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain14.1	*	1,800.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain15.2	*	650.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain15.4	*	280.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain15.5	*	1,500.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain16.2	*	320.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain16.4	*	5,500.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain17.2	*	2,400.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain17.8	*	650.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain8.57	*	690.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain8.62	*	410.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain8.81	*	580.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain9.52	*	480.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain9.62	*	150.000	J		
P2962-17	C0T91	Solid	(DEL) Alkane: Straight-Chain9.66	*	360.000	J		
P2962-17	C0T91	Solid	1H-Indene, 2,3-dihydro-1,2-dimet	*	540.000	J		
P2962-17	C0T91	Solid	3,5-Dodecadiene, 2-methyl-	*	240.000	J		

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SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2962-17	C0T91	Solid	9H-Fluoren-9-ol	*	300.000	J		
P2962-17	C0T91	Solid	Benzene, 1-ethyl-2,3-dimethyl-	*	1,400.000	J		
P2962-17	C0T91	Solid	Benzene, 1-ethyl-4-(1-methylethy	*	360.000	J		
P2962-17	C0T91	Solid	Benzene, 1-methyl-4-(1-methylpr	*	340.000	J		
P2962-17	C0T91	Solid	Cyclohexane, (3-methylpentyl)-	*	410.000	J		
P2962-17	C0T91	Solid	Ethanone, 1-(1-methylcyclohexyl)	*	250.000	J		
P2962-17	C0T91	Solid	Ethanone, 1-(2,2-dimethylcyclope	*	780.000	J		
P2962-17	C0T91	Solid	Naphthalene, 1,2,3,4-tetrahydro-5	*	250.000	J		
P2962-17	C0T91	Solid	Naphthalene, 1,2,3,4-tetramethyl-	*	260.000	J		
P2962-17	C0T91	Solid	Naphthalene, 1,3-dimethyl-	*	220.000	J		
P2962-17	C0T91	Solid	Naphthalene, 1,4,6-trimethyl-	*	550.000	J		
P2962-17	C0T91	Solid	Naphthalene, 1,6,7-trimethyl-	*	390.000	J		
P2962-17	C0T91	Solid	Naphthalene, 2,3,6-trimethyl-	*	140.000	J		
P2962-17	C0T91	Solid	Naphthalene, 2,3-dimethyl-	*	570.000	J		
P2962-17	C0T91	Solid	o-Cymene	*	690.000	J		
P2962-17	C0T91	Solid	trans-4a-Methyl-decahydronaphth	*	460.000	J		
P2962-17	C0T91	Solid	unknown-01	*	770.000	J		
P2962-17	C0T91	Solid	unknown-02	*	520.000	J		
P2962-17	C0T91	Solid	unknown-03	*	300.000	J		
P2962-17	C0T91	Solid	unknown-04	*	240.000	J		
P2962-17	C0T91	Solid	unknown-05	*	230.000	J		
P2962-17	C0T91	Solid	unknown-06	*	210.000	J		
P2962-17	C0T91	Solid	unknown-07	*	400.000	J		
P2962-17	C0T91	Solid	unknown-08	*	850.000	J		
P2962-17	C0T91	Solid	unknown-09	*	160.000	J		
P2962-17	C0T91	Solid	unknown-10	*	240.000	J		
P2962-17	C0T91	Solid	unknown-11	*	370.000	J		
P2962-17	C0T91	Solid	unknown-12	*	340.000	J		
P2962-17	C0T91	Solid	Total Alkanes	*	27,000.000	28	180	ug/Kg
Total Tics :				66,912.00				
P2962-17	C0T91	Solid	1,1-Biphenyl		310.000	28	180	ug/Kg
P2962-17	C0T91	Solid	1-Methylnaphthalene		1,300.000	26	180	ug/Kg
P2962-17	C0T91	Solid	2-Methylnaphthalene		61.000	J 35	180	ug/Kg
P2962-17	C0T91	Solid	Acenaphthene		130.000	J 28	180	ug/Kg
P2962-17	C0T91	Solid	Anthracene		42.000	J 27	180	ug/Kg
P2962-17	C0T91	Solid	Fluoranthene		52.000	J 21	180	ug/Kg
P2962-17	C0T91	Solid	Fluorene		190.000	29	180	ug/Kg
P2962-17	C0T91	Solid	Phenanthrene		290.000	29	180	ug/Kg
P2962-17	C0T91	Solid	Pyrene		84.000	J 19	180	ug/Kg
Total Svoc :				2,459.00				

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				69,371.00				
Client ID : C0T92								
P2962-18	C0T92	Solid	(DEL) Alkane: Straight-Chain21.3	*	150.000	J		
P2962-18	C0T92	Solid	(S)-(+)-1,2-Propanediol	*	140.000	J		
P2962-18	C0T92	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2962-18	C0T92	Solid	Total Alkanes	*	150.000	31	200	ug/Kg
Total Tics :				560.00				
Total Concentration:				560.00				
Client ID : C0T93								
P2962-19	C0T93	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P2962-19	C0T93	Solid	Cyclotriacontane	*	150.000	J		
P2962-19	C0T93	Solid	unknown-01	*	140.000	J		
P2962-19	C0T93	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :				420.00				
Total Concentration:				420.00				
Client ID : C0T98								
P2962-20	C0T98	Solid	(DEL) Alkane: Cyclic21.335	*	94.000	J		
P2962-20	C0T98	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2962-20	C0T98	Solid	Total Alkanes	*	94.000	32	210	ug/Kg
Total Tics :				298.00				
Total Concentration:				298.00				
Client ID : C0T99								
P2962-21	C0T99	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P2962-21	C0T99	Solid	Ethanol, 2-(tetradecyloxy)-	*	160.000	J		
P2962-21	C0T99	Solid	unknown-01	*	130.000	J		
P2962-21	C0T99	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :				440.00				
Total Concentration:				440.00				
Client ID : C0TA6								
P2962-22	C0TA6	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P2962-22	C0TA6	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	110.000	J		
P2962-22	C0TA6	Solid	Oxalic acid, allyl octadecyl ester	*	88.000	J		
P2962-22	C0TA6	Solid	unknown-01	*	170.000	J		
P2962-22	C0TA6	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :				548.00				
Total Concentration:				548.00				
Client ID : A4BQ2								
P2963-04	A4BQ2	Solid	(DEL) Alkane: Straight-Chain20.3	*	120.000	J		

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-04	A4BQ2	Solid	(DEL) Alkane: Straight-Chain20.3	*	130.000	J		
P2963-04	A4BQ2	Solid	(DEL) Alkane: Straight-Chain21.3	*	1,000.000	J		
P2963-04	A4BQ2	Solid	(DEL) Alkane: Straight-Chain24.1	*	3,300.000	J		
P2963-04	A4BQ2	Solid	(DEL) Alkane: Straight-Chain26.1	*	1,900.000	J		
P2963-04	A4BQ2	Solid	(DEL) Alkane: Straight-Chain26.2	*	3,000.000	J		
P2963-04	A4BQ2	Solid	1-Heneicosyl formate	*	5,800.000	J		
P2963-04	A4BQ2	Solid	1-Phenoxypropan-2-ol	*	190.000	J		
P2963-04	A4BQ2	Solid	2,2-Dichloroethyl methyl ether	*	120.000	J		
P2963-04	A4BQ2	Solid	Acetic acid, 3-[1,3]dioxolan-2-ylp	*	250.000	J		
P2963-04	A4BQ2	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	94.000	J		
P2963-04	A4BQ2	Solid	Docosanal	*	4,600.000	J		
P2963-04	A4BQ2	Solid	Eicosanal-	*	2,100.000	J		
P2963-04	A4BQ2	Solid	Guanidine, monothiocyanate	*	220.000	J		
P2963-04	A4BQ2	Solid	Heneicosyl heptafluorobutyrate	*	1,700.000	J		
P2963-04	A4BQ2	Solid	Methacrylamide	*	660.000	J		
P2963-04	A4BQ2	Solid	n-Hexadecanoic acid	*	350.000	J		
P2963-04	A4BQ2	Solid	Oxirane, 2,2-dimethyl-3-propyl-	*	200.000	J		
P2963-04	A4BQ2	Solid	Pentanedioic acid, dimethyl ester	*	120.000	J		
P2963-04	A4BQ2	Solid	Phenanthrene, 4-methyl-	*	92.000	J		
P2963-04	A4BQ2	Solid	unknown-01	*	98.000	J		
P2963-04	A4BQ2	Solid	Total Alkanes	*	9,500.000		32	210 ug/Kg
Total Tics :					35,544.00			
P2963-04	A4BQ2	Solid	Anthracene		68.000	J	31	210 ug/Kg
P2963-04	A4BQ2	Solid	Benzo(a)anthracene		290.000		28	210 ug/Kg
P2963-04	A4BQ2	Solid	Benzo(a)pyrene		180.000	J	38	210 ug/Kg
P2963-04	A4BQ2	Solid	Benzo(b)fluoranthene		480.000		45	210 ug/Kg
P2963-04	A4BQ2	Solid	Benzo(k)fluoranthene		150.000	J	47	210 ug/Kg
P2963-04	A4BQ2	Solid	Bis(2-ethylhexyl)phthalate		71.000	J	31	210 ug/Kg
P2963-04	A4BQ2	Solid	Chrysene		350.000		29	210 ug/Kg
P2963-04	A4BQ2	Solid	Fluoranthene		640.000		23	210 ug/Kg
P2963-04	A4BQ2	Solid	Indeno(1,2,3-cd)pyrene		160.000	J	34	210 ug/Kg
P2963-04	A4BQ2	Solid	Phenanthrene		350.000		33	210 ug/Kg
P2963-04	A4BQ2	Solid	Pyrene		470.000		22	210 ug/Kg
Total Svoc :					3,209.00			
Total Concentration:					38,753.00			
Client ID : A4CQ6								
P2963-05	A4CQ6	Solid	(DEL) Alkane: Straight-Chain21.3	*	770.000	J		
P2963-05	A4CQ6	Solid	(DEL) Alkane: Straight-Chain22.4	*	1,200.000	J		
P2963-05	A4CQ6	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	100.000	J		
P2963-05	A4CQ6	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	440.000	J		

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-05	A4CQ6	Solid	1,1-Biphenyl, 2,3,3,4-tetrachlo	*	140.000	J		
P2963-05	A4CQ6	Solid	1,1-Biphenyl, 2,3,6-trichloro-	*	340.000	J		
P2963-05	A4CQ6	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P2963-05	A4CQ6	Solid	2,2,4,6-Tetrachloro-1,1-bipheny	*	170.000	J		
P2963-05	A4CQ6	Solid	Anthracene, 9-methyl-	*	320.000	J		
P2963-05	A4CQ6	Solid	Oxetane, 2,2,4-trimethyl-	*	92.000	J		
P2963-05	A4CQ6	Solid	Pentanedioic acid, dimethyl ester	*	110.000	J		
P2963-05	A4CQ6	Solid	unknown-01	*	110.000	J		
P2963-05	A4CQ6	Solid	unknown-02	*	280.000	J		
P2963-05	A4CQ6	Solid	unknown-03	*	91.000	J		
P2963-05	A4CQ6	Solid	unknown-04	*	210.000	J		
P2963-05	A4CQ6	Solid	Total Alkanes	*	2,000.000	33	220	ug/Kg
Total Tics :					6,523.00			
P2963-05	A4CQ6	Solid	Acenaphthene		62.000	J 33	220	ug/Kg
P2963-05	A4CQ6	Solid	Acenaphthylene		65.000	J 37	220	ug/Kg
P2963-05	A4CQ6	Solid	Anthracene		180.000	J 32	220	ug/Kg
P2963-05	A4CQ6	Solid	Benzo(a)anthracene		780.000	30	220	ug/Kg
P2963-05	A4CQ6	Solid	Benzo(a)pyrene		410.000	40	220	ug/Kg
P2963-05	A4CQ6	Solid	Benzo(b)fluoranthene		1,000.000	47	220	ug/Kg
P2963-05	A4CQ6	Solid	Benzo(k)fluoranthene		380.000	49	220	ug/Kg
P2963-05	A4CQ6	Solid	Bis(2-ethylhexyl)phthalate		120.000	J 32	220	ug/Kg
P2963-05	A4CQ6	Solid	Carbazole		78.000	J 44	420	ug/Kg
P2963-05	A4CQ6	Solid	Chrysene		860.000	31	220	ug/Kg
P2963-05	A4CQ6	Solid	Di-n-butylphthalate		52.000	J 35	220	ug/Kg
P2963-05	A4CQ6	Solid	Dibenzo(a,h)anthracene		150.000	J 33	220	ug/Kg
P2963-05	A4CQ6	Solid	Fluoranthene		1,600.000	24	220	ug/Kg
P2963-05	A4CQ6	Solid	Fluorene		63.000	J 35	220	ug/Kg
P2963-05	A4CQ6	Solid	Indeno(1,2,3-cd)pyrene		340.000	36	220	ug/Kg
P2963-05	A4CQ6	Solid	Naphthalene		66.000	J 31	220	ug/Kg
P2963-05	A4CQ6	Solid	Phenanthrene		880.000	35	220	ug/Kg
P2963-05	A4CQ6	Solid	Pyrene		1,200.000	23	220	ug/Kg
Total Svoc :					8,286.00			
Total Concentration:					14,809.00			
Client ID : A4CQ7								
P2963-06	A4CQ7	Solid	(3,3-Dimethyloxiranyl)methanol	*	88.000	J		
P2963-06	A4CQ7	Solid	(DEL) Alkane: Straight-Chain22.5	*	1,300.000	J		
P2963-06	A4CQ7	Solid	(DEL) Alkane: Straight-Chain24.0	*	880.000	J		
P2963-06	A4CQ7	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	220.000	J		
P2963-06	A4CQ7	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	470.000	J		
P2963-06	A4CQ7	Solid	1-Phenoxypropan-2-ol	*	150.000	J		

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-06	A4CQ7	Solid	Anthracene, 1-methyl-	*	210.000	J		
P2963-06	A4CQ7	Solid	Anthracene, 2-methyl-	*	380.000	J		
P2963-06	A4CQ7	Solid	Methacrylamide	*	170.000	J		
P2963-06	A4CQ7	Solid	Oxalic acid, isobutyl pentadecyl e	*	900.000	J		
P2963-06	A4CQ7	Solid	unknown-01	*	240.000	J		
P2963-06	A4CQ7	Solid	unknown-02	*	110.000	J		
P2963-06	A4CQ7	Solid	unknown-03	*	510.000	J		
P2963-06	A4CQ7	Solid	Total Alkanes	*	2,200.000	34	220	ug/Kg
Total Tics :					7,828.00			
P2963-06	A4CQ7	Solid	Acenaphthene		100.000	J 34	220	ug/Kg
P2963-06	A4CQ7	Solid	Acenaphthylene		57.000	J 38	220	ug/Kg
P2963-06	A4CQ7	Solid	Anthracene		230.000	33	220	ug/Kg
P2963-06	A4CQ7	Solid	Benzo(a)anthracene		820.000	30	220	ug/Kg
P2963-06	A4CQ7	Solid	Benzo(a)pyrene		470.000	41	220	ug/Kg
P2963-06	A4CQ7	Solid	Benzo(b)fluoranthene		1,200.000	49	220	ug/Kg
P2963-06	A4CQ7	Solid	Benzo(g,h,i)perylene		68.000	J 42	220	ug/Kg
P2963-06	A4CQ7	Solid	Benzo(k)fluoranthene		390.000	50	220	ug/Kg
P2963-06	A4CQ7	Solid	Bis(2-ethylhexyl)phthalate		260.000	33	220	ug/Kg
P2963-06	A4CQ7	Solid	Carbazole		120.000	J 45	440	ug/Kg
P2963-06	A4CQ7	Solid	Chrysene		960.000	32	220	ug/Kg
P2963-06	A4CQ7	Solid	Dibenzo(a,h)anthracene		170.000	J 34	220	ug/Kg
P2963-06	A4CQ7	Solid	Dibenzofuran		71.000	J 36	220	ug/Kg
P2963-06	A4CQ7	Solid	Fluoranthene		1,900.000	25	220	ug/Kg
P2963-06	A4CQ7	Solid	Fluorene		92.000	J 36	220	ug/Kg
P2963-06	A4CQ7	Solid	Indeno(1,2,3-cd)pyrene		380.000	37	220	ug/Kg
P2963-06	A4CQ7	Solid	Naphthalene		74.000	J 32	220	ug/Kg
P2963-06	A4CQ7	Solid	Phenanthrene		1,200.000	36	220	ug/Kg
P2963-06	A4CQ7	Solid	Pyrene		1,400.000	24	220	ug/Kg
Total Svoc :					9,962.00			
Total Concentration:					17,790.00			
Client ID : A4CQ8								
P2963-07	A4CQ8	Solid	(DEL) Alkane: Straight-Chain16.4 *		130.000	J		
P2963-07	A4CQ8	Solid	(DEL) Alkane: Straight-Chain21.2 *		180.000	J		
P2963-07	A4CQ8	Solid	(DEL) Alkane: Straight-Chain22.5 *		350.000	J		
P2963-07	A4CQ8	Solid	[14]Annulene, 1,6:7,12-bis(metha *		89.000	J		
P2963-07	A4CQ8	Solid	1,1-Biphenyl, 2,4,5-trichloro-	*	160.000	J		
P2963-07	A4CQ8	Solid	11H-Benzo[b]fluorene	*	180.000	J		
P2963-07	A4CQ8	Solid	1H-Cyclopropa[1]phenanthrene,1a *		440.000	J		
P2963-07	A4CQ8	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	160.000	J		
P2963-07	A4CQ8	Solid	9,10-Anthracenedione	*	200.000	J		

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SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-07	A4CQ8	Solid	9H-Fluoren-9-one	*	110.000	J		
P2963-07	A4CQ8	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	570.000	J		
P2963-07	A4CQ8	Solid	Dibenzothiophene	*	140.000	J		
P2963-07	A4CQ8	Solid	Methacrylamide	*	170.000	J		
P2963-07	A4CQ8	Solid	Naphtho[2,3-b]norbornadiene	*	230.000	J		
P2963-07	A4CQ8	Solid	Phenanthrene, 1-methyl-	*	460.000	J		
P2963-07	A4CQ8	Solid	Phenanthrene, 2,5-dimethyl-	*	290.000	J		
P2963-07	A4CQ8	Solid	Phenanthrene, 2-methyl-	*	130.000	J		
P2963-07	A4CQ8	Solid	unknown-01	*	220.000	J		
P2963-07	A4CQ8	Solid	unknown-02	*	140.000	J		
P2963-07	A4CQ8	Solid	unknown-03	*	100.000	J		
P2963-07	A4CQ8	Solid	unknown-04	*	110.000	J		
P2963-07	A4CQ8	Solid	Total Alkanes	*	660.000	J	34	220 ug/Kg
Total Tics :					5,219.00			
P2963-07	A4CQ8	Solid	1-Methylnaphthalene		56.000	J	31	220 ug/Kg
P2963-07	A4CQ8	Solid	2-Methylnaphthalene		83.000	J	42	220 ug/Kg
P2963-07	A4CQ8	Solid	Acenaphthene		200.000	J	34	220 ug/Kg
P2963-07	A4CQ8	Solid	Acenaphthylene		69.000	J	38	220 ug/Kg
P2963-07	A4CQ8	Solid	Anthracene		420.000		32	220 ug/Kg
P2963-07	A4CQ8	Solid	Benzo(a)anthracene		1,300.000		30	220 ug/Kg
P2963-07	A4CQ8	Solid	Benzo(a)pyrene		740.000		40	220 ug/Kg
P2963-07	A4CQ8	Solid	Benzo(b)fluoranthene		1,600.000		48	220 ug/Kg
P2963-07	A4CQ8	Solid	Benzo(g,h,i)perylene		95.000	J	42	220 ug/Kg
P2963-07	A4CQ8	Solid	Benzo(k)fluoranthene		560.000		49	220 ug/Kg
P2963-07	A4CQ8	Solid	Bis(2-ethylhexyl)phthalate		77.000	J	32	220 ug/Kg
P2963-07	A4CQ8	Solid	Carbazole		200.000	J	44	430 ug/Kg
P2963-07	A4CQ8	Solid	Chrysene		1,400.000		31	220 ug/Kg
P2963-07	A4CQ8	Solid	Dibenzo(a,h)anthracene		270.000		34	220 ug/Kg
P2963-07	A4CQ8	Solid	Dibenzofuran		140.000	J	35	220 ug/Kg
P2963-07	A4CQ8	Solid	Fluoranthene		2,800.000		25	220 ug/Kg
P2963-07	A4CQ8	Solid	Fluorene		190.000	J	35	220 ug/Kg
P2963-07	A4CQ8	Solid	Indeno(1,2,3-cd)pyrene		550.000		36	220 ug/Kg
P2963-07	A4CQ8	Solid	Naphthalene		130.000	J	31	220 ug/Kg
P2963-07	A4CQ8	Solid	Phenanthrene		2,100.000		35	220 ug/Kg
P2963-07	A4CQ8	Solid	Pyrene		2,100.000		23	220 ug/Kg
Total Svoc :					15,080.00			
Total Concentration:					20,299.00			
Client ID : A4CR3								
P2963-10	A4CR3	Solid	1-Phenoxypropan-2-ol	*	190.000	J		
P2963-10	A4CR3	Solid	2-Butanol, 3-chloro-, (R*,S*)-	*	160.000	J		

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-10	A4CR3	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	100.000	J		
P2963-10	A4CR3	Solid	Total Alkanes	*	0.000	39	260	ug/Kg
Total Tics :				450.00				
P2963-10	A4CR3	Solid	Anthracene		56.000	J	38	260 ug/Kg
P2963-10	A4CR3	Solid	Benzo(a)anthracene		220.000	J	35	260 ug/Kg
P2963-10	A4CR3	Solid	Benzo(a)pyrene		240.000	J	47	260 ug/Kg
P2963-10	A4CR3	Solid	Benzo(b)fluoranthene		340.000		56	260 ug/Kg
P2963-10	A4CR3	Solid	Benzo(g,h,i)perylene		180.000	J	48	260 ug/Kg
P2963-10	A4CR3	Solid	Benzo(k)fluoranthene		85.000	J	57	260 ug/Kg
P2963-10	A4CR3	Solid	Bis(2-ethylhexyl)phthalate		320.000		38	260 ug/Kg
P2963-10	A4CR3	Solid	Chrysene		260.000		36	260 ug/Kg
P2963-10	A4CR3	Solid	Fluoranthene		520.000		29	260 ug/Kg
P2963-10	A4CR3	Solid	Indeno(1,2,3-cd)pyrene		140.000	J	42	260 ug/Kg
P2963-10	A4CR3	Solid	Phenanthrene		260.000		41	260 ug/Kg
P2963-10	A4CR3	Solid	Pyrene		470.000		27	260 ug/Kg
Total Svoc :				3,091.00				
Total Concentration:				3,541.00				
Client ID : A4CR5								
P2963-11	A4CR5	Solid	(DEL) Alkane: Straight-Chain21.3	*	660.000	J		
P2963-11	A4CR5	Solid	(DEL) Alkane: Straight-Chain22.5	*	910.000	J		
P2963-11	A4CR5	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2963-11	A4CR5	Solid	1H-Indene, 2-phenyl-	*	83.000	J		
P2963-11	A4CR5	Solid	Carbonic acid, ethyl 2-formyl-4,6-	*	90.000	J		
P2963-11	A4CR5	Solid	Methacrylamide	*	99.000	J		
P2963-11	A4CR5	Solid	Pentanedioic acid, dimethyl ester	*	75.000	J		
P2963-11	A4CR5	Solid	Tetradecanoic acid	*	200.000	J		
P2963-11	A4CR5	Solid	Tridecane, 1-iodo-	*	710.000	J		
P2963-11	A4CR5	Solid	unknown-01	*	160.000	J		
P2963-11	A4CR5	Solid	Total Alkanes	*	1,600.000	28	180	ug/Kg
Total Tics :				4,707.00				
P2963-11	A4CR5	Solid	Anthracene		56.000	J	27	180 ug/Kg
P2963-11	A4CR5	Solid	Benzo(a)anthracene		290.000		25	180 ug/Kg
P2963-11	A4CR5	Solid	Benzo(a)pyrene		160.000	J	33	180 ug/Kg
P2963-11	A4CR5	Solid	Benzo(b)fluoranthene		390.000		40	180 ug/Kg
P2963-11	A4CR5	Solid	Benzo(k)fluoranthene		140.000	J	41	180 ug/Kg
P2963-11	A4CR5	Solid	Bis(2-ethylhexyl)phthalate		41.000	J	27	180 ug/Kg
P2963-11	A4CR5	Solid	Chrysene		330.000		26	180 ug/Kg
P2963-11	A4CR5	Solid	Dibenzo(a,h)anthracene		61.000	J	28	180 ug/Kg
P2963-11	A4CR5	Solid	Fluoranthene		600.000		20	180 ug/Kg
P2963-11	A4CR5	Solid	Indeno(1,2,3-cd)pyrene		140.000	J	30	180 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2963-11	A4CR5	Solid	Phenanthrene	280.000		29	180	ug/Kg
P2963-11	A4CR5	Solid	Pyrene	450.000		19	180	ug/Kg
Total Svoc :				2,938.00				
Total Concentration:				7,645.00				
Client ID : A4CR8								
P2963-14	A4CR8	Solid	(DEL) Alkane: Straight-Chain21.3 *	720.000	J			
P2963-14	A4CR8	Solid	1-Phenoxypropan-2-ol *	130.000	J			
P2963-14	A4CR8	Solid	2-Propanone, 1-(1,3-dioxolan-2-yl) *	150.000	J			
P2963-14	A4CR8	Solid	Methacrylamide *	72.000	J			
P2963-14	A4CR8	Solid	Naphtho[2,3-b]norbornadiene *	110.000	J			
P2963-14	A4CR8	Solid	Total Alkanes *	720.000		28	180	ug/Kg
Total Tics :				1,902.00				
P2963-14	A4CR8	Solid	Benzo(a)anthracene	180.000		25	180	ug/Kg
P2963-14	A4CR8	Solid	Benzo(a)pyrene	110.000	J	33	180	ug/Kg
P2963-14	A4CR8	Solid	Benzo(b)fluoranthene	300.000		40	180	ug/Kg
P2963-14	A4CR8	Solid	Benzo(k)fluoranthene	100.000	J	41	180	ug/Kg
P2963-14	A4CR8	Solid	Chrysene	230.000		26	180	ug/Kg
P2963-14	A4CR8	Solid	Dibenzo(a,h)anthracene	50.000	J	28	180	ug/Kg
P2963-14	A4CR8	Solid	Fluoranthene	390.000		21	180	ug/Kg
P2963-14	A4CR8	Solid	Indeno(1,2,3-cd)pyrene	100.000	J	30	180	ug/Kg
P2963-14	A4CR8	Solid	Phenanthrene	180.000		29	180	ug/Kg
P2963-14	A4CR8	Solid	Pyrene	290.000		19	180	ug/Kg
Total Svoc :				1,930.00				
Total Concentration:				3,832.00				
Client ID : A4CR9								
P2963-15	A4CR9	Solid	(DEL) Alkane: Straight-Chain21.3 *	730.000	J			
P2963-15	A4CR9	Solid	1-Phenoxypropan-2-ol *	280.000	J			
P2963-15	A4CR9	Solid	9,10-Anthracenedione *	150.000	J			
P2963-15	A4CR9	Solid	Benzaldehyde, 3,5-dichloro-2-hyd *	260.000	J			
P2963-15	A4CR9	Solid	Pentanedioic acid, dimethyl ester *	160.000	J			
P2963-15	A4CR9	Solid	Phenanthrene, 2-methyl- *	220.000	J			
P2963-15	A4CR9	Solid	unknown-01 *	140.000	J			
P2963-15	A4CR9	Solid	unknown-02 *	280.000	J			
P2963-15	A4CR9	Solid	Total Alkanes *	730.000		52	340	ug/Kg
Total Tics :				2,950.00				
P2963-15	A4CR9	Solid	Anthracene	130.000	J	50	340	ug/Kg
P2963-15	A4CR9	Solid	Benzo(a)anthracene	720.000		46	340	ug/Kg
P2963-15	A4CR9	Solid	Benzo(a)pyrene	430.000		62	340	ug/Kg
P2963-15	A4CR9	Solid	Benzo(b)fluoranthene	1,200.000		74	340	ug/Kg
P2963-15	A4CR9	Solid	Benzo(k)fluoranthene	370.000		76	340	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P2963-15	A4CR9	Solid	Bis(2-ethylhexyl)phthalate	540.000		50	340	ug/Kg	
P2963-15	A4CR9	Solid	Butylbenzylphthalate	73.000	J	44	340	ug/Kg	
P2963-15	A4CR9	Solid	Carbazole	98.000	J	68	660	ug/Kg	
P2963-15	A4CR9	Solid	Chrysene	890.000		48	340	ug/Kg	
P2963-15	A4CR9	Solid	Dibenzo(a,h)anthracene	170.000	J	52	340	ug/Kg	
P2963-15	A4CR9	Solid	Fluoranthene	1,800.000		38	340	ug/Kg	
P2963-15	A4CR9	Solid	Indeno(1,2,3-cd)pyrene	370.000		56	340	ug/Kg	
P2963-15	A4CR9	Solid	Phenanthrene	800.000		54	340	ug/Kg	
P2963-15	A4CR9	Solid	Pyrene	1,200.000		36	340	ug/Kg	
Total Svoc :				8,791.00					
Total Concentration:				11,741.00					
Client ID : A4CS7									
P2963-16	A4CS7	Solid	1,1-Biphenyl, 2,2,3,4-tetrachlo	*	220.000	J			
P2963-16	A4CS7	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	160.000	J			
P2963-16	A4CS7	Solid	1,1-Biphenyl, 2,3,5,6-tetrachloro	*	140.000	J			
P2963-16	A4CS7	Solid	1,1-Biphenyl, 2,4,4,6-tetrachlor	*	240.000	J			
P2963-16	A4CS7	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	430.000	J			
P2963-16	A4CS7	Solid	1-Phenoxypropan-2-ol	*	190.000	J			
P2963-16	A4CS7	Solid	Anthracene, 2-methyl-	*	150.000	J			
P2963-16	A4CS7	Solid	Biphenyl, 2,4,4,5-tetrachloro-	*	340.000	J			
P2963-16	A4CS7	Solid	Heptacosane, 1-chloro-	*	1,300.000	J			
P2963-16	A4CS7	Solid	Oxalic acid, cyclobutyl octadecyl	*	1,000.000	J			
P2963-16	A4CS7	Solid	unknown-01	*	250.000	J			
P2963-16	A4CS7	Solid	unknown-02	*	130.000	J			
P2963-16	A4CS7	Solid	Total Alkanes	*	0.000	49	320	ug/Kg	
Total Tics :				4,550.00					
P2963-16	A4CS7	Solid	Anthracene		100.000	J	47	320	ug/Kg
P2963-16	A4CS7	Solid	Benzo(a)anthracene		530.000		43	320	ug/Kg
P2963-16	A4CS7	Solid	Benzo(a)pyrene	J	310.000	58	320	ug/Kg	
P2963-16	A4CS7	Solid	Benzo(b)fluoranthene		890.000	70	320	ug/Kg	
P2963-16	A4CS7	Solid	Benzo(k)fluoranthene	J	270.000	72	320	ug/Kg	
P2963-16	A4CS7	Solid	Bis(2-ethylhexyl)phthalate		420.000	47	320	ug/Kg	
P2963-16	A4CS7	Solid	Carbazole	J	64.000	64	620	ug/Kg	
P2963-16	A4CS7	Solid	Chrysene		640.000	45	320	ug/Kg	
P2963-16	A4CS7	Solid	Dibenzo(a,h)anthracene	J	110.000	49	320	ug/Kg	
P2963-16	A4CS7	Solid	Fluoranthene		1,300.000	36	320	ug/Kg	
P2963-16	A4CS7	Solid	Indeno(1,2,3-cd)pyrene	J	270.000	53	320	ug/Kg	
P2963-16	A4CS7	Solid	Phenanthrene		570.000	51	320	ug/Kg	
P2963-16	A4CS7	Solid	Pyrene		850.000	34	320	ug/Kg	
Total Svoc :				6,324.00					

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				10,874.00				
Client ID : A4CS8								
P2963-17	A4CS8	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P2963-17	A4CS8	Solid	Heptacosyl acetate	*	710.000	J		
P2963-17	A4CS8	Solid	Pentanedioic acid, dimethyl ester	*	86.000	J		
P2963-17	A4CS8	Solid	R-(-)-1,2-propanediol	*	110.000	J		
P2963-17	A4CS8	Solid	Tridecanoic acid	*	150.000	J		
P2963-17	A4CS8	Solid	unknown-01	*	180.000	J		
P2963-17	A4CS8	Solid	Total Alkanes	*	0.000		28	180 ug/Kg
Total Tics :				1,366.00				
P2963-17	A4CS8	Solid	Anthracene		38.000	J	27	180 ug/Kg
P2963-17	A4CS8	Solid	Benzo(a)anthracene		180.000		25	180 ug/Kg
P2963-17	A4CS8	Solid	Benzo(a)pyrene		110.000	J	33	180 ug/Kg
P2963-17	A4CS8	Solid	Benzo(b)fluoranthene		300.000		39	180 ug/Kg
P2963-17	A4CS8	Solid	Benzo(k)fluoranthene		88.000	J	41	180 ug/Kg
P2963-17	A4CS8	Solid	Chrysene		230.000		26	180 ug/Kg
P2963-17	A4CS8	Solid	Dibenzo(a,h)anthracene		45.000	J	28	180 ug/Kg
P2963-17	A4CS8	Solid	Fluoranthene		390.000		20	180 ug/Kg
P2963-17	A4CS8	Solid	Indeno(1,2,3-cd)pyrene		96.000	J	30	180 ug/Kg
P2963-17	A4CS8	Solid	Phenanthrene		180.000		29	180 ug/Kg
P2963-17	A4CS8	Solid	Pyrene		290.000		19	180 ug/Kg
Total Svoc :				1,947.00				
Total Concentration:				3,313.00				
Client ID : A4B44								
P2963-21	A4B44	Solid	(DEL) Alkane: Straight-Chain22.4	*	230.000	J		
P2963-21	A4B44	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P2963-21	A4B44	Solid	n-Hexadecanoic acid	*	110.000	J		
P2963-21	A4B44	Solid	Octacosyl heptafluorobutyrate	*	320.000	J		
P2963-21	A4B44	Solid	Total Alkanes	*	230.000		42	280 ug/Kg
Total Tics :				1,030.00				
P2963-21	A4B44	Solid	Benzo(a)anthracene		79.000	J	37	280 ug/Kg
P2963-21	A4B44	Solid	Benzo(a)pyrene		78.000	J	50	280 ug/Kg
P2963-21	A4B44	Solid	Benzo(b)fluoranthene		94.000	J	60	280 ug/Kg
P2963-21	A4B44	Solid	Benzo(g,h,i)perylene		62.000	J	52	280 ug/Kg
P2963-21	A4B44	Solid	Chrysene		79.000	J	39	280 ug/Kg
P2963-21	A4B44	Solid	Fluoranthene		180.000	J	31	280 ug/Kg
P2963-21	A4B44	Solid	Phenanthrene		87.000	J	44	280 ug/Kg
P2963-21	A4B44	Solid	Pyrene		160.000	J	29	280 ug/Kg
Total Svoc :				819.00				

Hit Summary Sheet SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,849.00				
Client ID :	A4CS3							
P2963-22	A4CS3	Solid	(DEL) Alkane: Cyclic22.519	*	1,600.000	J		
P2963-22	A4CS3	Solid	(DEL) Alkane: Straight-Chain21.5	*	880.000	J		
P2963-22	A4CS3	Solid	(DEL) Alkane: Straight-Chain24.0	*	890.000	J		
P2963-22	A4CS3	Solid	(DEL) Alkane: Straight-Chain24.0	*	880.000	J		
P2963-22	A4CS3	Solid	(DEL) Alkane: Straight-Chain26.1	*	1,100.000	J		
P2963-22	A4CS3	Solid	1,1-Biphenyl, 2,3,4,4-tetrachlor	*	340.000	J		
P2963-22	A4CS3	Solid	1,1-Biphenyl, 2,4,5-trichloro-	*	210.000	J		
P2963-22	A4CS3	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2963-22	A4CS3	Solid	2,3,3,6-Tetrachloro-1,1-biphenyl	*	98.000	J		
P2963-22	A4CS3	Solid	Benzeneacetonitrile, 4-hydroxy-	*	320.000	J		
P2963-22	A4CS3	Solid	Benzoic acid	*	160.000	J		
P2963-22	A4CS3	Solid	Biphenyl, 2,4,4,5-tetrachloro-	*	170.000	J		
P2963-22	A4CS3	Solid	n-Hexadecanoic acid	*	490.000	J		
P2963-22	A4CS3	Solid	Octadecanal	*	500.000	J		
P2963-22	A4CS3	Solid	Pentanedioic acid, dimethyl ester	*	88.000	J		
P2963-22	A4CS3	Solid	R-(-)-1,2-propanediol	*	140.000	J		
P2963-22	A4CS3	Solid	unknown-01	*	88.000	J		
P2963-22	A4CS3	Solid	unknown-02	*	160.000	J		
P2963-22	A4CS3	Solid	Total Alkanes	*	5,400.000	34	220	ug/Kg
Total Tics :				13,634.00				
P2963-22	A4CS3	Solid	Acenaphthylene		70.000	J	38	220 ug/Kg
P2963-22	A4CS3	Solid	Anthracene		140.000	J	33	220 ug/Kg
P2963-22	A4CS3	Solid	Benzaldehyde		180.000	J	76	430 ug/Kg
P2963-22	A4CS3	Solid	Benzo(a)anthracene		610.000		30	220 ug/Kg
P2963-22	A4CS3	Solid	Benzo(a)pyrene		350.000		41	220 ug/Kg
P2963-22	A4CS3	Solid	Benzo(b)fluoranthene		940.000		49	220 ug/Kg
P2963-22	A4CS3	Solid	Benzo(k)fluoranthene		340.000		50	220 ug/Kg
P2963-22	A4CS3	Solid	Carbazole		69.000	J	45	430 ug/Kg
P2963-22	A4CS3	Solid	Chrysene		800.000		32	220 ug/Kg
P2963-22	A4CS3	Solid	Dibenzo(a,h)anthracene		150.000	J	34	220 ug/Kg
P2963-22	A4CS3	Solid	Dibenzofuran		53.000	J	36	220 ug/Kg
P2963-22	A4CS3	Solid	Fluoranthene		1,400.000		25	220 ug/Kg
P2963-22	A4CS3	Solid	Fluorene		47.000	J	36	220 ug/Kg
P2963-22	A4CS3	Solid	Indeno(1,2,3-cd)pyrene		320.000		37	220 ug/Kg
P2963-22	A4CS3	Solid	Naphthalene		85.000	J	32	220 ug/Kg
P2963-22	A4CS3	Solid	Phenanthrene		720.000		36	220 ug/Kg
P2963-22	A4CS3	Solid	Pyrene		980.000		24	220 ug/Kg
Total Svoc :				7,254.00				



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BG070124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				20,888.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG062024 SAS No.: BG062024 SDG No.: BG062024
Instrument ID: _____ Calibration Date(s): 6/20/2024 : _____
Calibration Time(s): 13:45 : _____

LAB FILE ID:		RRFAL1 = BG061604.D		RRFAL2 = BG061605.D		RRFAL3 = BG061606.D		
		RRFAL4 = BG061607.D		RRFAL5 = BG061608.D		RRFAL6 = BG061609.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.751	0.805	0.685	0.634	0.565		0.688	13.8
Benzaldehyde		1.172	1.318	1.232	0.961	0.660	1.068	24.7
Pyridine		1.777	1.887	1.791	1.717	1.824	1.799	3.5
Hexachloroethane	0.652	0.587	0.576	0.595	0.588		0.599	5.0
Nitrobenzene	0.366	0.366	0.385	0.416	0.424		0.391	7.0
Isophorone	0.910	0.858	0.889	0.931	0.910		0.900	3.0
2-Nitrophenol	0.109	0.122	0.147	0.164	0.177		0.144	19.7
2,4-Dimethylphenol	0.381	0.405	0.405	0.414	0.406		0.402	3.1
Bis(2-Chloroethoxy)methane	0.533	0.510	0.506	0.501	0.495		0.509	2.9
2,4-Dichlorophenol	0.283	0.296	0.292	0.312	0.309		0.298	4.1
Naphthalene	1.175	1.121	1.095	1.132	1.073		1.119	3.5
4-Chloroaniline		0.504	0.481	0.509	0.497	0.454	0.489	4.6
Hexachlorobutadiene	0.208	0.197	0.212	0.210	0.204		0.206	2.8
Phenol		2.176	2.354	2.314	2.329	2.250	2.285	3.1
Caprolactam		0.113	0.125	0.135	0.130	0.114	0.123	7.8
4-Chloro-3-methylphenol	0.395	0.409	0.416	0.437	0.430		0.417	4.0
1-Methylnaphthalene	0.860	0.849	0.823	0.861	0.821		0.843	2.3
2-Methylnaphthalene	0.774	0.794	0.763	0.820	0.797		0.790	2.8
Hexachlorocyclopentadiene		0.307	0.317	0.335	0.339	0.386	0.337	9.1
2,4,6-Trichlorophenol	0.352	0.345	0.370	0.382	0.377		0.365	4.4
2,4,5-Trichlorophenol	0.370	0.378	0.412	0.416	0.414		0.398	5.6
1,1-Biphenyl	1.484	1.452	1.450	1.464	1.394		1.449	2.3
2-Chloronaphthalene	1.116	1.108	1.111	1.134	1.095		1.113	1.3
2-Nitroaniline	0.307	0.344	0.398	0.429	0.428		0.381	14.1
Bis(2-Chloroethyl)ether		1.741	1.769	1.781	1.664	1.642	1.720	3.7
Dimethylphthalate	1.582	1.600	1.521	1.496	1.443		1.528	4.2
2,6-Dinitrotoluene	0.211	0.230	0.251	0.283	0.293		0.254	13.7
Acenaphthylene	1.909	1.968	1.874	1.874	1.789		1.883	3.5
3-Nitroaniline		0.232	0.261	0.290	0.267	0.249	0.260	8.4
Acenaphthene	1.347	1.384	1.287	1.297	1.205		1.304	5.2
2,4-Dinitrophenol		0.105	0.109	0.128	0.141	0.162	0.129	18.2
4-Nitrophenol		0.262	0.268	0.292	0.273	0.269	0.273	4.2
Dibenzofuran	1.876	1.890	1.817	1.832	1.707		1.825	3.9
2,4-Dinitrotoluene	0.317	0.351	0.368	0.423	0.423		0.376	12.3
Diethylphthalate	1.586	1.645	1.576	1.582	1.481		1.574	3.8
2-Chlorophenol	1.297	1.547	1.561	1.556	1.512		1.495	7.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062024 SAS No.: BG062024 SDG No.: BG062024

Instrument ID: _____ Calibration Date(s): 6/20/2024 : _____

Calibration Time(s): 13:45 _____

LAB FILE ID:		RRFAL1 = BG061604.D		RRFAL2 = BG061605.D		RRFAL3 = BG061606.D		
		RRFAL4 = BG061607.D		RRFAL5 = BG061608.D		RRFAL6 = BG061609.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.607	1.551	1.521	1.495	1.377		1.510	5.6
4-Chlorophenyl-phenylether	0.793	0.779	0.756	0.738	0.682		0.750	5.8
4-Nitroaniline		0.260	0.294	0.302	0.271	0.249	0.275	8.2
4,6-Dinitro-2-methylphenol		0.075	0.081	0.103	0.108	0.117	0.097	18.5
N-Nitrosodiphenylamine	0.495	0.516	0.521	0.543	0.510		0.517	3.4
1,2,4,5-Tetrachlorobenzene	0.601	0.553	0.550	0.564	0.562		0.566	3.6
4-Bromophenyl-phenylether	0.212	0.208	0.194	0.213	0.203		0.206	3.7
Hexachlorobenzene	0.261	0.252	0.244	0.253	0.240		0.250	3.3
Atrazine		0.217	0.207	0.214	0.199	0.196	0.207	4.4
Pentachlorophenol		0.139	0.148	0.160	0.158	0.156	0.152	5.8
2-Methylphenol		1.523	1.611	1.676	1.616	1.567	1.599	3.6
Phenanthrene	1.109	1.089	1.039	1.060	0.964		1.052	5.3
Pentachlorobenzene	0.263	0.260	0.266	0.275	0.274		0.268	2.5
Anthracene	1.129	1.121	1.075	1.068	0.986		1.076	5.3
1,2,3,4-Tetrachlorobenzene	0.203	0.217	0.214	0.242	0.237		0.223	7.4
Carbazole		0.973	0.948	0.946	0.883	0.817	0.914	6.9
Di-n-butylphthalate	1.126	1.114	1.095	1.107	1.021		1.093	3.8
Fluoranthene	1.332	1.316	1.263	1.349	1.221		1.296	4.1
Pyrene	1.399	1.437	1.380	1.404	1.272		1.378	4.6
Butylbenzylphthalate	0.477	0.491	0.486	0.541	0.514		0.502	5.2
3,3-Dichlorobenzidine		0.452	0.447	0.468	0.408	0.340	0.423	12.2
2,2-oxybis (1-Chloropropane)		3.563	3.596	3.599	3.419	3.390	3.513	2.9
Benzo (a) anthracene	1.449	1.421	1.376	1.445	1.328		1.404	3.7
Chrysene	1.385	1.340	1.312	1.355	1.250		1.328	3.9
Bis (2-ethylhexyl) phthalate	0.708	0.718	0.738	0.779	0.744		0.738	3.7
Di-n-octyl phthalate		0.996	1.040	1.106	1.113	1.018	1.055	5.0
Benzo (b) fluoranthene	1.189	1.184	1.218	1.210	1.209		1.202	1.2
Benzo (k) fluoranthene	1.295	1.205	1.227	1.278	1.177		1.236	4.0
Benzo (a) pyrene	1.174	1.126	1.154	1.189	1.146		1.157	2.1
Indeno (1,2,3-cd) pyrene	1.424	1.446	1.400	1.483	1.459		1.442	2.2
Dibenzo (a,h) anthracene	1.187	1.176	1.166	1.244	1.224		1.199	2.8
Benzo (g,h,i) perylene	1.149	1.151	1.143	1.197	1.173		1.163	1.9
Acetophenone		2.837	2.849	2.873	2.709	2.550	2.764	4.9
2,3,4,6-Tetrachlorophenol	0.393	0.385	0.386	0.402	0.386		0.390	1.8
1,4-Dioxane-d8	0.505	0.631	0.579	0.562	0.491		0.554	10.3
Pyridine-d5		1.591	1.693	1.695	1.647	1.743	1.674	3.4

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG062024 SAS No.: BG062024 SDG No.: BG062024
Instrument ID: _____ Calibration Date(s): 6/20/2024 : _____
Calibration Time(s): 13:45 _____

LAB FILE ID:		RRFAL1 = BG061604.D			RRFAL2 = BG061605.D		RRFAL3 = BG061606.D	
		RRFAL4 = BG061607.D			RRFAL5 = BG061608.D		RRFAL6 = BG061609.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		2.082	2.173	2.246	2.212	2.144	2.171	2.9
Bis-(2-Chloroethyl)ether-d8		1.406	1.391	1.371	1.312	1.288	1.353	3.8
2-Chlorophenol-d4	1.414	1.515	1.463	1.548	1.510		1.490	3.5
4-Methylphenol-d8		1.566	1.691	1.743	1.716	1.677	1.678	4.0
Nitrobenzene-d5	0.125	0.127	0.130	0.147	0.150		0.136	8.8
2-Nitrophenol-d4	0.115	0.115	0.138	0.151	0.168		0.138	16.9
2,4-Dichlorophenol-d3	0.309	0.317	0.315	0.345	0.343		0.326	5.1
4-Chloroaniline-d4		0.490	0.485	0.510	0.510	0.470	0.493	3.5
4-Methylphenol		1.703	1.836	1.857	1.800	1.759	1.791	3.4
Dimethylphthalate-d6	1.515	1.558	1.567	1.571	1.485		1.539	2.4
Acenaphthylene-d8	1.613	1.717	1.720	1.726	1.658		1.687	2.9
4-Nitrophenol-d4		0.253	0.259	0.280	0.270	0.259	0.264	4.1
Fluorene-d10	1.338	1.399	1.359	1.366	1.275		1.347	3.4
4,6-Dinitro-2-methylphenol		0.065	0.070	0.088	0.098	0.107	0.086	20.8
Anthracene-d10	0.929	0.938	0.908	0.923	0.867		0.913	3.0
Pyrene-d10	1.124	1.122	1.114	1.171	1.055		1.117	3.7
Benzo(a)pyrene-d12	0.933	0.940	0.952	0.984	0.967		0.955	2.2
N-Nitroso-di-n-propylamine	1.391	1.479	1.546	1.544	1.464		1.485	4.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020441 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 10:43

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	40384	8.076	209095	10.89	156039	14.70
	UPPER LIMIT	80768	8.576	418190	11.391	312078	15.204
	LOWER LIMIT	20192	7.576	104547.5	10.391	78019.5	14.204
	EPA SAMPLE NO.						
01	SBLK602	67838	8.05	319508	10.87	211441	14.68
02	A4C66	76952	8.06	371641	10.87	241134	14.68
03	A4C66MS	74045	8.05	348523	10.87	229089	14.68
04	A4C66MSD	68464	8.05	313074	10.87	204622	14.69
05	A4C54	66046	8.06	315275	10.87	199569	14.69
06	A4C57	61574	8.06	282212	10.87	180850	14.68
07	A4C60	61084	8.06	286568	10.87	183797	14.69
08	A4CJ1	63072	8.06	294729	10.87	192704	14.68
09	A4CN8	72865	8.06	346007	10.87	218298	14.69
10	SLCS602	72076	8.06	332540	10.87	222311	14.69
11	SBLK627	78570	8.06	369691	10.87	254119	14.68
12	AR1660 50PPM	83936 *	8.05	353188	10.87	230500	14.68
13	AR1254 50PPM	77402	8.05	328001	10.87	215190	14.68
14	SBLK553	88037 *	8.05	357795	10.87	237824	14.68
15	A4B53	57485	8.06	278042	10.86	186967	14.68
16	C0T89	79456	8.06	345955	10.87	219702	14.69
17	C0T90	76717	8.05	346645	10.87	232981	14.68
18	C0T91	76772	8.05	333567	10.87	222210	14.69
19	C0T92	73168	8.05	337346	10.87	226087	14.68
20	C0T93	75935	8.05	348209	10.87	236790	14.68
21	C0T98	68994	8.06	333513	10.87	222150	14.68
22	C0TA6	75211	8.06	363821	10.87	236291	14.68
23	C0T74	67096	8.05	320632	10.86	209567	14.68



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020441 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 02:58

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	40384	8.076	209095	10.89	156039	14.70
	UPPER LIMIT	80768	8.576	418190	11.391	312078	15.204
	LOWER LIMIT	20192	7.576	104547.5	10.391	78019.5	14.204
	EPA SAMPLE NO.						
24	C0T75	77804	8.05	375509	10.86	250355	14.68
25	C0T99	73848	8.05	353942	10.86	229724	14.68
26	SBLK652	58001	8.05	273659	10.86	180029	14.68
27	A4B44	78389	8.05	374780	10.86	246829	14.68
28	A4CS3	82012 *	8.05	374165	10.86	236103	14.68
29	A4CS3MS	72562	8.06	345967	10.87	218923	14.68
30	A4CS3MSD	74457	8.06	320313	10.87	204978	14.69
31	A4BQ2	71231	8.06	325071	10.87	205668	14.69
32	A4CQ6	69741	8.06	314544	10.87	199161	14.69
33	A4CQ7	77007	8.06	352062	10.87	224754	14.68
34	A4CQ8	68652	8.06	323609	10.87	207803	14.69
35	A4CR3	68426	8.06	314950	10.87	199874	14.69
36	A4CR5	67861	8.06	315671	10.87	193102	14.69
37	A4CS7	76963	8.06	350205	10.87	221637	14.69
38	A4CS8	69289	8.06	328131	10.87	202839	14.69
39	A4CR8	70540	8.06	312842	10.87	197897	14.69
40	A4CR9	68870	8.06	307559	10.87	193716	14.69



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020441 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 15:04

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	40384	8.076	209095	10.89	156039	14.70
UPPER LIMIT	80768	8.576	418190	11.391	312078	15.204
LOWER LIMIT	20192	7.576	104547.5	10.391	78019.5	14.204
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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020547 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BG061805.D Time Analyzed: 10:43

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	86765	8.059	427354	10.87	281627	14.69
UPPER LIMIT	173530	8.559	854708	11.368	563254	15.187
LOWER LIMIT	43382.5	7.559	213677	10.368	140813.5	14.187
EPA SAMPLE NO.						
01 SBLK602	67838	8.05	319508	10.87	211441	14.68
02 A4C66	76952	8.06	371641	10.87	241134	14.68
03 A4C66MS	74045	8.05	348523	10.87	229089	14.68
04 A4C66MSD	68464	8.05	313074	10.87	204622	14.69
05 A4C54	66046	8.06	315275	10.87	199569	14.69
06 A4C57	61574	8.06	282212	10.87	180850	14.68
07 A4C60	61084	8.06	286568	10.87	183797	14.69
08 A4CJ1	63072	8.06	294729	10.87	192704	14.68
09 A4CN8	72865	8.06	346007	10.87	218298	14.69
10 SLCS602	72076	8.06	332540	10.87	222311	14.69

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020548 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BG061816.D Time Analyzed: 18:09

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	85691	8.059	404873	10.87	264116	14.69
UPPER LIMIT	171382	8.559	809746	11.367	528232	15.186
LOWER LIMIT	42845.5	7.559	202436.5	10.367	132058	14.186
EPA SAMPLE NO.						
01 SBLK627	78570	8.06	369691	10.87	254119	14.68
02 AR1660 50PPM	83936	8.05	353188	10.87	230500	14.68
03 AR1254 50PPM	77402	8.05	328001	10.87	215190	14.68
04 SBLK553	88037	8.05	357795	10.87	237824	14.68
05 A4B53	57485	8.06	278042	10.86	186967	14.68
06 C0T89	79456	8.06	345955	10.87	219702	14.69
07 C0T90	76717	8.05	346645	10.87	232981	14.68
08 C0T91	76772	8.05	333567	10.87	222210	14.69
09 C0T92	73168	8.05	337346	10.87	226087	14.68
10 C0T93	75935	8.05	348209	10.87	236790	14.68
11 C0T98	68994	8.06	333513	10.87	222150	14.68
12 C0TA6	75211	8.06	363821	10.87	236291	14.68
13 C0T74	67096	8.05	320632	10.86	209567	14.68
14 C0T75	77804	8.05	375509	10.86	250355	14.68
15 C0T99	73848	8.05	353942	10.86	229724	14.68

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020549 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BG061832.D Time Analyzed: 05:39

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	86124	8.05	405616	10.86	264398	14.68
UPPER LIMIT	172248	8.55	811232	11.364	528796	15.183
LOWER LIMIT	43062	7.55	202808	10.364	132199	14.183
EPA SAMPLE NO.						
01 SBLK652	58001	8.05	273659	10.86	180029	14.68
02 A4B44	78389	8.05	374780	10.86	246829	14.68
03 A4CS3	82012	8.05	374165	10.86	236103	14.68
04 A4CS3MS	72562	8.06	345967	10.87	218923	14.68
05 A4CS3MSD	74457	8.06	320313	10.87	204978	14.69
06 A4BQ2	71231	8.06	325071	10.87	205668	14.69
07 A4CQ6	69741	8.06	314544	10.87	199161	14.69
08 A4CQ7	77007	8.06	352062	10.87	224754	14.68
09 A4CQ8	68652	8.06	323609	10.87	207803	14.69
10 A4CR3	68426	8.06	314950	10.87	199874	14.69
11 A4CR5	67861	8.06	315671	10.87	193102	14.69
12 A4CS7	76963	8.06	350205	10.87	221637	14.69
13 A4CS8	69289	8.06	328131	10.87	202839	14.69
14 A4CR8	70540	8.06	312842	10.87	197897	14.69
15 A4CR9	68870	8.06	307559	10.87	193716	14.69

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020441 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 10:43

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	398475	17.442	379358	21.713	440710	24.939
	UPPER LIMIT	796950	17.942	758716	22.213	881420	25.439
	LOWER LIMIT	199237.5	16.942	189679	21.213	220355	24.439
	EPA SAMPLE NO.						
01	SBLK602	457534	17.43	363190	21.69	425417	24.90
02	A4C66	508536	17.42	391957	21.68	449314	24.90
03	A4C66MS	496818	17.43	376699	21.69	442652	24.90
04	A4C66MSD	466291	17.43	349341	21.70	413906	24.90
05	A4C54	440602	17.43	340138	21.69	402992	24.91
06	A4C57	393351	17.43	299248	21.69	354179	24.91
07	A4C60	408275	17.43	328800	21.69	378060	24.91
08	A4CJ1	428347	17.43	321440	21.69	379070	24.91
09	A4CN8	478036	17.43	376509	21.69	438523	24.90
10	SLCS602	485318	17.43	378838	21.69	440569	24.91
11	SBLK627	553668	17.43	439656	21.69	523973	24.90
12	AR1660 50PPM	506555	17.43	420552	21.69	492796	24.90
13	AR1254 50PPM	482712	17.42	399409	21.68	457008	24.90
14	SBLK553	541588	17.43	435399	21.69	512268	24.90
15	A4B53	433020	17.43	336711	21.69	385939	24.90
16	C0T89	468131	17.43	395626	21.69	458466	24.91
17	C0T90	514364	17.42	408591	21.68	476612	24.90
18	C0T91	458982	17.43	385918	21.69	460815	24.90
19	C0T92	513393	17.42	419150	21.68	496042	24.90
20	C0T93	508995	17.42	405650	21.68	475231	24.90
21	C0T98	496089	17.43	418274	21.68	485953	24.90

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020441 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 01:37

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	398475	17.442	379358	21.713	440710	24.939
	UPPER LIMIT	796950	17.942	758716	22.213	881420	25.439
	LOWER LIMIT	199237.5	16.942	189679	21.213	220355	24.439
	EPA SAMPLE NO.						
22	C0TA6	525982	17.43	436787	21.69	509819	24.90
23	C0T74	484084	17.43	401174	21.68	470168	24.90
24	C0T75	556696	17.42	446336	21.68	520572	24.90
25	C0T99	527749	17.42	426008	21.68	496432	24.89
26	SBLK652	396920	17.42	327541	21.68	384048	24.90
27	A4B44	555325	17.43	452983	21.69	514382	24.89
28	A4CS3	494575	17.43	374846	21.69	447676	24.91
29	A4CS3MS	467400	17.43	349869	21.69	424335	24.92
30	A4CS3MSD	438226	17.43	315890	21.69	389418	24.92
31	A4BQ2	426943	17.43	326672	21.69	381008	24.91
32	A4CQ6	434063	17.43	322367	21.70	394610	24.92
33	A4CQ7	468992	17.43	350960	21.69	420954	24.92
34	A4CQ8	442886	17.43	332986	21.70	398994	24.93
35	A4CR3	422934	17.43	313964	21.69	380020	24.92
36	A4CR5	401720	17.43	304094	21.69	360657	24.91
37	A4CS7	466913	17.44	346491	21.70	414930	24.93
38	A4CS8	430128	17.44	330931	21.70	395060	24.93
39	A4CR8	413568	17.44	317101	21.70	378040	24.93
40	A4CR9	392907	17.43	307366	21.70	368992	24.92

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020441 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 15:04

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	398475	17.442	379358	21.713	440710	24.939
UPPER LIMIT	796950	17.942	758716	22.213	881420	25.439
LOWER LIMIT	199237.5	16.942	189679	21.213	220355	24.439
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020547 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BG061805.D Time Analyzed: 10:43

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	604009	17.431	459791	21.69	540770	24.904
UPPER LIMIT	1208018	17.931	919582	22.19	1081540	25.404
LOWER LIMIT	302004.5	16.931	229895.5	21.19	270385	24.404
EPA SAMPLE NO.						
01 SBLK602	457534	17.43	363190	21.69	425417	24.90
02 A4C66	508536	17.42	391957	21.68	449314	24.90
03 A4C66MS	496818	17.43	376699	21.69	442652	24.90
04 A4C66MSD	466291	17.43	349341	21.70	413906	24.90
05 A4C54	440602	17.43	340138	21.69	402992	24.91
06 A4C57	393351	17.43	299248	21.69	354179	24.91
07 A4C60	408275	17.43	328800	21.69	378060	24.91
08 A4CJ1	428347	17.43	321440	21.69	379070	24.91
09 A4CN8	478036	17.43	376509	21.69	438523	24.90
10 SLCS602	485318	17.43	378838	21.69	440569	24.91

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020548 Date Analyzed: Jul 1 2024 12:00AM

Lab File ID: BG061816.D Time Analyzed: 18:09

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	571362	17.43	453301	21.69	531078	24.903
	UPPER LIMIT	1142724	17.93	906602	22.19	1062156	25.403
	LOWER LIMIT	285681	16.93	226650.5	21.19	265539	24.403
	EPA SAMPLE NO.						
01	SBLK627	553668	17.43	439656	21.69	523973	24.90
02	AR1660 50PPM	506555	17.43	420552	21.69	492796	24.90
03	AR1254 50PPM	482712	17.42	399409	21.68	457008	24.90
04	SBLK553	541588	17.43	435399	21.69	512268	24.90
05	A4B53	433020	17.43	336711	21.69	385939	24.90
06	C0T89	468131	17.43	395626	21.69	458466	24.91
07	C0T90	514364	17.42	408591	21.68	476612	24.90
08	C0T91	458982	17.43	385918	21.69	460815	24.90
09	C0T92	513393	17.42	419150	21.68	496042	24.90
10	C0T93	508995	17.42	405650	21.68	475231	24.90
11	C0T98	496089	17.43	418274	21.68	485953	24.90
12	C0TA6	525982	17.43	436787	21.69	509819	24.90
13	C0T74	484084	17.43	401174	21.68	470168	24.90
14	C0T75	556696	17.42	446336	21.68	520572	24.90
15	C0T99	527749	17.42	426008	21.68	496432	24.89

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020548 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BG061816.D Time Analyzed: 03:38

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	571362	17.43	453301	21.69	531078	24.903
UPPER LIMIT	1142724	17.93	906602	22.19	1062156	25.403
LOWER LIMIT	285681	16.93	226650.5	21.19	265539	24.403
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020549 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BG061832.D Time Analyzed: 05:39

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	602306	17.427	507185	21.687	595592	24.895
	UPPER LIMIT	1204612	17.927	1014370	22.187	1191184	25.395
	LOWER LIMIT	301153	16.927	253592.5	21.187	297796	24.395
	EPA SAMPLE NO.						
01	SBLK652	396920	17.42	327541	21.68	384048	24.90
02	A4B44	555325	17.43	452983	21.69	514382	24.89
03	A4CS3	494575	17.43	374846	21.69	447676	24.91
04	A4CS3MS	467400	17.43	349869	21.69	424335	24.92
05	A4CS3MSD	438226	17.43	315890	21.69	389418	24.92
06	A4BQ2	426943	17.43	326672	21.69	381008	24.91
07	A4CQ6	434063	17.43	322367	21.70	394610	24.92
08	A4CQ7	468992	17.43	350960	21.69	420954	24.92
09	A4CQ8	442886	17.43	332986	21.70	398994	24.93
10	A4CR3	422934	17.43	313964	21.69	380020	24.92
11	A4CR5	401720	17.43	304094	21.69	360657	24.91
12	A4CS7	466913	17.44	346491	21.70	414930	24.93
13	A4CS8	430128	17.44	330931	21.70	395060	24.93
14	A4CR8	413568	17.44	317101	21.70	378040	24.93
15	A4CR9	392907	17.43	307366	21.70	368992	24.92

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG070124 SAS No.: BG070124 SDG NO.: BG070124

EPA Sample No.: SSTD020549 Date Analyzed: Jul 2 2024 12:00AM

Lab File ID: BG061832.D Time Analyzed: 15:04

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	602306	17.427	507185	21.687	595592	24.895
UPPER LIMIT	1204612	17.927	1014370	22.187	1191184	25.395
LOWER LIMIT	301153	16.927	253592.5	21.187	297796	24.395
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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161602BS	1,4-Dioxane	530	330	ug/Kg	62				0	0		
	Benzaldehyde	1300	1100	ug/Kg	85				0	0		
	Pyridine	1300	810	ug/Kg	62				0	0		
	Phenol	1300	940	ug/Kg	72				0	0		
	Bis(2-chloroethyl)ether	1300	910	ug/Kg	70				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	960	ug/Kg	74				0	0		
	2,2-oxybis(1-Chloropropane)	1300	930	ug/Kg	72				0	0		
	Acetophenone	1300	910	ug/Kg	70				0	0		
	4-Methylphenol	1300	910	ug/Kg	70				0	0		
	N-Nitroso-di-n-propylamine	1300	860	ug/Kg	66				0	0		
	Hexachloroethane	1300	1000	ug/Kg	77				0	0		
	Nitrobenzene	1300	1100	ug/Kg	85				0	0		
	Isophorone	1300	910	ug/Kg	70				0	0		
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	2,4-Dimethylphenol	1300	800	ug/Kg	62				0	0		
	Bis(2-chloroethoxy)methane	1300	970	ug/Kg	75				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	970	ug/Kg	75				0	0		
	4-Chloroaniline	1300	820	ug/Kg	63				0	0		
	Hexachlorobutadiene	1300	1100	ug/Kg	85				0	0		
	Caprolactam	1300	920	ug/Kg	71				0	0		
	4-Chloro-3-methylphenol	1300	960	ug/Kg	74				0	0		
	1-Methylnaphthalene	1300	920	ug/Kg	71				0	0		
	2-Methylnaphthalene	1300	980	ug/Kg	75				0	0		
	Hexachlorocyclopentadiene	1300	530	ug/Kg	41				0	0		
	2,4,6-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	1,1'-Biphenyl	1300	1100	ug/Kg	85				0	0		
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Nitroaniline	1300	1300	ug/Kg	100				0	0		
	Dimethylphthalate	1300	960	ug/Kg	74				0	0		
	2,6-Dinitrotoluene	1300	1200	ug/Kg	92				0	0		
	Acenaphthylene	1300	990	ug/Kg	76				0	0		
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Acenaphthene	1300	980	ug/Kg	75				0	0		
	2,4-Dinitrophenol	1300	890	ug/Kg	68				0	0		
	4-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	Dibenzofuran	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrotoluene	1300	1200	ug/Kg	92				0	0		
	Diethylphthalate	1300	980	ug/Kg	75				0	0		
	Fluorene	1300	980	ug/Kg	75				0	0		
	4-Chlorophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	4-Nitroaniline	1300	1200	ug/Kg	92				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161602BS	4,6-Dinitro-2-methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	4-Bromophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Atrazine	1300	570	ug/Kg	44				0	0		
	Pentachlorophenol	1300	880	ug/Kg	68				0	0		
	Phenanthrene	1300	1000	ug/Kg	77				0	0		
	Pentachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Anthracene	1300	1000	ug/Kg	77				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluoranthene	1300	1200	ug/Kg	92				0	0		
	Pyrene	1300	1200	ug/Kg	92				0	0		
	Butylbenzylphthalate	1300	1300	ug/Kg	100				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0		
	Chrysene	1300	1100	ug/Kg	85				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1200	ug/Kg	92				0	0		
	Di-n-octylphthalate	1300	1300	ug/Kg	100				0	0		
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(a)pyrene	1300	990	ug/Kg	76				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0		
	2,3,4,6-Tetrachlorophenol	1300	940	ug/Kg	72				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK553

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG070124

SAS No.: BG070124 SDG NO.: BG070124

Lab File ID: BG061820.D

Lab Sample ID: PB161553BL

Instrument ID: BNA_G

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 07/01/2024

Level: (low/med) LOW

Time Analyzed: 20:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
AR1254 50PPM	AR1254 50PPM	BG061819.D	07/01/2024
AR1660 50PPM	AR1660 50PPM	BG061818.D	07/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK602

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG070124

SAS No.: BG070124 SDG NO.: BG070124

Lab File ID: BG061806.D

Lab Sample ID: PB161602BL

Instrument ID: BNA_G

Date Extracted: 06/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/01/2024

Level: (low/med) LOW

Time Analyzed: 10:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4C66	P2871-01	BG061807.D	07/01/2024
A4C66MS	P2871-02MS	BG061808.D	07/01/2024
A4C66MSD	P2871-03MSD	BG061809.D	07/01/2024
A4C54	P2871-06	BG061810.D	07/01/2024
A4C57	P2871-08	BG061811.D	07/01/2024
A4C60	P2871-10	BG061812.D	07/01/2024
A4CJ1	P2871-11	BG061813.D	07/01/2024
A4CN8	P2871-17	BG061814.D	07/01/2024
PB161602BS	PB161602BS	BG061815.D	07/01/2024
A4B53	P2871-22	BG061821.D	07/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK627

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG070124

SAS No.: BG070124 SDG NO.: BG070124

Lab File ID: BG061817.D

Lab Sample ID: PB161627BL

Instrument ID: BNA_G

Date Extracted: 06/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/01/2024

Level: (low/med) LOW

Time Analyzed: 18:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0T89	P2962-15	BG061822.D	07/01/2024
C0T90	P2962-16	BG061823.D	07/01/2024
C0T91	P2962-17	BG061824.D	07/01/2024
C0T92	P2962-18	BG061825.D	07/01/2024
C0T93	P2962-19	BG061826.D	07/02/2024
C0T98	P2962-20	BG061827.D	07/02/2024
C0TA6	P2962-22	BG061828.D	07/02/2024
C0T74	P2962-02	BG061829.D	07/02/2024
C0T75	P2962-03	BG061830.D	07/02/2024
C0T99	P2962-21	BG061831.D	07/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK652

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG070124

SAS No.: BG070124 SDG NO.: BG070124

Lab File ID: BG061833.D

Lab Sample ID: PB161652BL

Instrument ID: BNA_G

Date Extracted: 06/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/02/2024

Level: (low/med) LOW

Time Analyzed: 05:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4B44	P2963-21	BG061834.D	07/02/2024
A4CS3	P2963-22	BG061835.D	07/02/2024
A4CS3MS	P2963-23MS	BG061836.D	07/02/2024
A4CS3MSD	P2963-24MSD	BG061837.D	07/02/2024
A4CR5	P2963-11	BG061843.D	07/02/2024
A4CS7	P2963-16	BG061844.D	07/02/2024
A4CS8	P2963-17	BG061845.D	07/02/2024
A4CR8	P2963-14	BG061846.D	07/02/2024
A4CR9	P2963-15	BG061847.D	07/02/2024
A4BQ2	P2963-04	BG061838.D	07/02/2024
A4CQ6	P2963-05	BG061839.D	07/02/2024
A4CQ7	P2963-06	BG061840.D	07/02/2024
A4CQ8	P2963-07	BG061841.D	07/02/2024
A4CR3	P2963-10	BG061842.D	07/02/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2871-02MS	Client Sample ID:	A4C66MS				DataFile:	BG061808.D			
1,4-Dioxane	670		510	ug/Kg	76				15	120	
Benzaldehyde	1700		1100	ug/Kg	65				0	0	
Pyridine	1700		420	ug/Kg	25				0	0	
Phenol	1700	49	1600	ug/Kg	91	*			26	90	
Bis(2-chloroethyl)ether	1700		1400	ug/Kg	82				0	0	
2-Chlorophenol	1700		1600	ug/Kg	94				25	102	
2-Methylphenol	1700		1400	ug/Kg	82				0	0	
2,2-oxybis(1-Chloropropane)	1700		1500	ug/Kg	88				0	0	
Acetophenone	1700	0	1500	ug/Kg	88				0	0	
4-Methylphenol	1700	170	1700	ug/Kg	90				0	0	
N-Nitroso-di-n-propylamine	1700		1400	ug/Kg	82				41	126	
Hexachloroethane	1700		1300	ug/Kg	76				0	0	
Nitrobenzene	1700		1700	ug/Kg	100				0	0	
Isophorone	1700		1500	ug/Kg	88				0	0	
2-Nitrophenol	1700		2100	ug/Kg	124				0	0	
2,4-Dimethylphenol	1700		640	ug/Kg	38				0	0	
Bis(2-chloroethoxy)methane	1700		1500	ug/Kg	88				0	0	
2,4-Dichlorophenol	1700		1700	ug/Kg	100				0	0	
Naphthalene	1700		1600	ug/Kg	94				0	0	
4-Chloroaniline	1700		980	ug/Kg	58				0	0	
Hexachlorobutadiene	1700		1800	ug/Kg	106				0	0	
Caprolactam	1700		1200	ug/Kg	71				0	0	
4-Chloro-3-methylphenol	1700		1500	ug/Kg	88				26	103	
1-Methylnaphthalene	1700		1500	ug/Kg	88				0	0	
2-Methylnaphthalene	1700		1600	ug/Kg	94				0	0	
Hexachlorocyclopentadiene	1700		790	ug/Kg	46				0	0	
2,4,6-Trichlorophenol	1700		1800	ug/Kg	106				0	0	
2,4,5-Trichlorophenol	1700		1800	ug/Kg	106				0	0	
1,1'-Biphenyl	1700		1700	ug/Kg	100				0	0	
2-Chloronaphthalene	1700		1700	ug/Kg	100				0	0	
2-Nitroaniline	1700		2100	ug/Kg	124				0	0	
Dimethylphthalate	1700		1600	ug/Kg	94				0	0	
2,6-Dinitrotoluene	1700		2100	ug/Kg	124				0	0	
Acenaphthylene	1700		1600	ug/Kg	94				0	0	
3-Nitroaniline	1700		1900	ug/Kg	112				0	0	
Acenaphthene	1700		1600	ug/Kg	94				31	137	
2,4-Dinitrophenol	1700		1600	ug/Kg	94				0	0	
4-Nitrophenol	1700		1700	ug/Kg	100				11	114	
Dibenzofuran	1700		1700	ug/Kg	100				0	0	
2,4-Dinitrotoluene	1700		2000	ug/Kg	118	*			28	89	
Diethylphthalate	1700		1600	ug/Kg	94				0	0	
Fluorene	1700		1600	ug/Kg	94				0	0	
4-Chlorophenyl-phenylether	1700		1600	ug/Kg	94				0	0	
4-Nitroaniline	1700		1800	ug/Kg	106				0	0	
4,6-Dinitro-2-methylphenol	1700		1800	ug/Kg	106				0	0	
N-Nitrosodiphenylamine	1700		1800	ug/Kg	106				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1800	ug/Kg	106				0	0	
4-Bromophenyl-phenylether	1700		1900	ug/Kg	112				0	0	
Hexachlorobenzene	1700		1400	ug/Kg	82				0	0	
Atrazine	1700		1300	ug/Kg	76				0	0	
Pentachlorophenol	1700		1300	ug/Kg	76				17	109	
Phenanthrene	1700	250	1900	ug/Kg	97				0	0	
Pentachlorobenzene	1700		1600	ug/Kg	94				0	0	
Anthracene	1700	49	1700	ug/Kg	97				0	0	
1,2,3,4-Tetrachlorobenzene	1700		2200	ug/Kg	129				0	0	
Carbazole	1700		1500	ug/Kg	88				0	0	
Di-n-butylphthalate	1700		1800	ug/Kg	106				0	0	
Fluoranthene	1700	570	2400	ug/Kg	108				0	0	
Pyrene	1700	400	1900	ug/Kg	88				35	142	
Butylbenzylphthalate	1700		2100	ug/Kg	124				0	0	
3,3'-Dichlorobenzidine	1700		1300	ug/Kg	76				0	0	
Benzo(a)anthracene	1700	210	1900	ug/Kg	99				0	0	
Chrysene	1700	240	1900	ug/Kg	98				0	0	
Bis(2-ethylhexyl)phthalate	1700	53	2100	ug/Kg	120				0	0	
Di-n-octylphthalate	1700		2100	ug/Kg	124				0	0	
Benzo(b)fluoranthene	1700	290	1900	ug/Kg	95				0	0	
Benzo(k)fluoranthene	1700	100	1800	ug/Kg	100				0	0	
Benzo(a)pyrene	1700	130	950	ug/Kg	48				0	0	
Indeno(1,2,3-cd)pyrene	1700	90	1400	ug/Kg	77				0	0	
Dibenzo(a,h)anthracene	1700		1800	ug/Kg	106				0	0	
Benzo(g,h,i)perylene	1700		190	ug/Kg	11				0	0	
2,3,4,6-Tetrachlorophenol	1700		1600	ug/Kg	94				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2871-03MSD	Client Sample ID:	A4C66MSD					DataFile:	BG061809.D		
1,4-Dioxane	670		420	ug/Kg	63		19		15	120	50
Benzaldehyde	1700		990	ug/Kg	58		11	*	0	0	0
Pyridine	1700		530	ug/Kg	31		21	*	0	0	0
Phenol	1700	49	1500	ug/Kg	85		7		26	90	35
Bis(2-chloroethyl)ether	1700		1300	ug/Kg	76		8	*	0	0	0
2-Chlorophenol	1700		1500	ug/Kg	88		7		25	102	50
2-Methylphenol	1700		1300	ug/Kg	76		8	*	0	0	0
2,2-oxybis(1-Chloropropane)	1700		1400	ug/Kg	82		7	*	0	0	0
Acetophenone	1700	0	1300	ug/Kg	76		15	*	0	0	0
4-Methylphenol	1700	170	1500	ug/Kg	78		14	*	0	0	0
N-Nitroso-di-n-propylamine	1700		1300	ug/Kg	76		8		41	126	38
Hexachloroethane	1700		1200	ug/Kg	71		7	*	0	0	0
Nitrobenzene	1700		1700	ug/Kg	100		0		0	0	0
Isophorone	1700		1400	ug/Kg	82		7	*	0	0	0
2-Nitrophenol	1700		1900	ug/Kg	112		10	*	0	0	0
2,4-Dimethylphenol	1700		600	ug/Kg	35		8	*	0	0	0
Bis(2-chloroethoxy)methane	1700		1400	ug/Kg	82		7	*	0	0	0
2,4-Dichlorophenol	1700		1700	ug/Kg	100		0		0	0	0
Naphthalene	1700		1500	ug/Kg	88		7	*	0	0	0
4-Chloroaniline	1700		800	ug/Kg	47		21	*	0	0	0
Hexachlorobutadiene	1700		1700	ug/Kg	100		6	*	0	0	0
Caprolactam	1700		1200	ug/Kg	71		0		0	0	0
4-Chloro-3-methylphenol	1700		1400	ug/Kg	82		7		26	103	33
1-Methylnaphthalene	1700		1400	ug/Kg	82		7	*	0	0	0
2-Methylnaphthalene	1700		1500	ug/Kg	88		7	*	0	0	0
Hexachlorocyclopentadiene	1700		730	ug/Kg	43		7	*	0	0	0
2,4,6-Trichlorophenol	1700		1800	ug/Kg	106		0		0	0	0
2,4,5-Trichlorophenol	1700		1800	ug/Kg	106		0		0	0	0
1,1'-Biphenyl	1700		1700	ug/Kg	100		0		0	0	0
2-Chloronaphthalene	1700		1600	ug/Kg	94		6	*	0	0	0
2-Nitroaniline	1700		2000	ug/Kg	118		5	*	0	0	0
Dimethylphthalate	1700		1500	ug/Kg	88		7	*	0	0	0
2,6-Dinitrotoluene	1700		2000	ug/Kg	118		5	*	0	0	0
Acenaphthylene	1700		1500	ug/Kg	88		7	*	0	0	0
3-Nitroaniline	1700		1700	ug/Kg	100		11	*	0	0	0
Acenaphthene	1700		1500	ug/Kg	88		7		31	137	19
2,4-Dinitrophenol	1700		1600	ug/Kg	94		0		0	0	0
4-Nitrophenol	1700		1700	ug/Kg	100		0		11	114	50
Dibenzofuran	1700		1600	ug/Kg	94		6	*	0	0	0
2,4-Dinitrotoluene	1700		2000	ug/Kg	118	*	0		28	89	47
Diethylphthalate	1700		1500	ug/Kg	88		7	*	0	0	0
Fluorene	1700		1600	ug/Kg	94		0		0	0	0
4-Chlorophenyl-phenylether	1700		1500	ug/Kg	88		7	*	0	0	0
4-Nitroaniline	1700		1800	ug/Kg	106		0		0	0	0
4,6-Dinitro-2-methylphenol	1700		1700	ug/Kg	100		6	*	0	0	0
N-Nitrosodiphenylamine	1700		1700	ug/Kg	100		6	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1800	ug/Kg	106	0			0	0	0
4-Bromophenyl-phenylether	1700		1700	ug/Kg	100	11	*		0	0	0
Hexachlorobenzene	1700		1300	ug/Kg	76	8	*		0	0	0
Atrazine	1700		1300	ug/Kg	76	0			0	0	0
Pentachlorophenol	1700		1300	ug/Kg	76	0			17	109	47
Phenanthrene	1700	250	1700	ug/Kg	85	13	*		0	0	0
Pentachlorobenzene	1700		1500	ug/Kg	88	7	*		0	0	0
Anthracene	1700	49	1500	ug/Kg	85	13	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		2000	ug/Kg	118	9	*		0	0	0
Carbazole	1700		1400	ug/Kg	82	7	*		0	0	0
Di-n-butylphthalate	1700		1700	ug/Kg	100	6	*		0	0	0
Fluoranthene	1700	570	2400	ug/Kg	108	0			0	0	0
Pyrene	1700	400	1800	ug/Kg	82	7			35	142	36
Butylbenzylphthalate	1700		2000	ug/Kg	118	5	*		0	0	0
3,3'-Dichlorobenzidine	1700		1300	ug/Kg	76	0			0	0	0
Benzo(a)anthracene	1700	210	1900	ug/Kg	99	0			0	0	0
Chrysene	1700	240	1800	ug/Kg	92	6	*		0	0	0
Bis(2-ethylhexyl)phthalate	1700	53	2000	ug/Kg	115	4	*		0	0	0
Di-n-octylphthalate	1700		2000	ug/Kg	118	5	*		0	0	0
Benzo(b)fluoranthene	1700	290	1900	ug/Kg	95	0			0	0	0
Benzo(k)fluoranthene	1700	100	1700	ug/Kg	94	6	*		0	0	0
Benzo(a)pyrene	1700	130	910	ug/Kg	46	4	*		0	0	0
Indeno(1,2,3-cd)pyrene	1700	90	1400	ug/Kg	77	0			0	0	0
Dibenzo(a,h)anthracene	1700		1700	ug/Kg	100	6	*		0	0	0
Benzo(g,h,i)perylene	1700		180	ug/Kg	11	0			0	0	0
2,3,4,6-Tetrachlorophenol	1700		1500	ug/Kg	88	7	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2963-23MS	Client Sample ID:	A4CS3MS					DataFile:	BG061836.D		
1,4-Dioxane	700		480	ug/Kg	69				15	120	
Benzaldehyde	1800	180	1300	ug/Kg	62				0	0	
Pyridine	1800		550	ug/Kg	31				0	0	
Phenol	1800		1600	ug/Kg	89				26	90	
Bis(2-chloroethyl)ether	1800		1400	ug/Kg	78				0	0	
2-Chlorophenol	1800		1700	ug/Kg	94				25	102	
2-Methylphenol	1800		1600	ug/Kg	89				0	0	
2,2-oxybis(1-Chloropropane)	1800		1600	ug/Kg	89				0	0	
Acetophenone	1800	0	1500	ug/Kg	83				0	0	
4-Methylphenol	1800		1500	ug/Kg	83				0	0	
N-Nitroso-di-n-propylamine	1800		1400	ug/Kg	78				41	126	
Hexachloroethane	1800		1300	ug/Kg	72				0	0	
Nitrobenzene	1800		1800	ug/Kg	100				0	0	
Isophorone	1800		1500	ug/Kg	83				0	0	
2-Nitrophenol	1800		2100	ug/Kg	117				0	0	
2,4-Dimethylphenol	1800		1600	ug/Kg	89				0	0	
Bis(2-chloroethoxy)methane	1800		1500	ug/Kg	83				0	0	
2,4-Dichlorophenol	1800		1800	ug/Kg	100				0	0	
Naphthalene	1800	85	1600	ug/Kg	84				0	0	
4-Chloroaniline	1800		430	ug/Kg	24				0	0	
Hexachlorobutadiene	1800		1800	ug/Kg	100				0	0	
Caprolactam	1800		1300	ug/Kg	72				0	0	
4-Chloro-3-methylphenol	1800		1500	ug/Kg	83				26	103	
1-Methylnaphthalene	1800		1500	ug/Kg	83				0	0	
2-Methylnaphthalene	1800		1600	ug/Kg	89				0	0	
Hexachlorocyclopentadiene	1800		960	ug/Kg	53				0	0	
2,4,6-Trichlorophenol	1800		1900	ug/Kg	106				0	0	
2,4,5-Trichlorophenol	1800		1900	ug/Kg	106				0	0	
1,1'-Biphenyl	1800		1800	ug/Kg	100				0	0	
2-Chloronaphthalene	1800		1700	ug/Kg	94				0	0	
2-Nitroaniline	1800		2200	ug/Kg	122				0	0	
Dimethylphthalate	1800		1600	ug/Kg	89				0	0	
2,6-Dinitrotoluene	1800		2100	ug/Kg	117				0	0	
Acenaphthylene	1800	70	1700	ug/Kg	91				0	0	
3-Nitroaniline	1800		1300	ug/Kg	72				0	0	
Acenaphthene	1800		1600	ug/Kg	89				31	137	
2,4-Dinitrophenol	1800		1700	ug/Kg	94				0	0	
4-Nitrophenol	1800		1800	ug/Kg	100				11	114	
Dibenzofuran	1800	53	1700	ug/Kg	92				0	0	
2,4-Dinitrotoluene	1800		2100	ug/Kg	117	*			28	89	
Diethylphthalate	1800		1600	ug/Kg	89				0	0	
Fluorene	1800	47	1700	ug/Kg	92				0	0	
4-Chlorophenyl-phenylether	1800		1600	ug/Kg	89				0	0	
4-Nitroaniline	1800		1500	ug/Kg	83				0	0	
4,6-Dinitro-2-methylphenol	1800		1800	ug/Kg	100				0	0	
N-Nitrosodiphenylamine	1800		1900	ug/Kg	106				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1800		1900	ug/Kg	106				0	0	
4-Bromophenyl-phenylether	1800		1900	ug/Kg	106				0	0	
Hexachlorobenzene	1800		1400	ug/Kg	78				0	0	
Atrazine	1800		1300	ug/Kg	72				0	0	
Pentachlorophenol	1800		1700	ug/Kg	94				17	109	
Phenanthrene	1800	720	2300	ug/Kg	88				0	0	
Pentachlorobenzene	1800		1700	ug/Kg	94				0	0	
Anthracene	1800	140	1800	ug/Kg	92				0	0	
1,2,3,4-Tetrachlorobenzene	1800		2200	ug/Kg	122				0	0	
Carbazole	1800	69	1500	ug/Kg	80				0	0	
Di-n-butylphthalate	1800		1800	ug/Kg	100				0	0	
Fluoranthene	1800	1400	3100	ug/Kg	94				0	0	
Pyrene	1800	980	2300	ug/Kg	73				35	142	
Butylbenzylphthalate	1800		2100	ug/Kg	117				0	0	
3,3'-Dichlorobenzidine	1800			ug/Kg	0				0	0	
Benzo(a)anthracene	1800	610	2300	ug/Kg	94				0	0	
Chrysene	1800	800	2400	ug/Kg	89				0	0	
Bis(2-ethylhexyl)phthalate	1800		2200	ug/Kg	122				0	0	
Di-n-octylphthalate	1800		2100	ug/Kg	117				0	0	
Benzo(b)fluoranthene	1800	940	2500	ug/Kg	87				0	0	
Benzo(k)fluoranthene	1800	340	2000	ug/Kg	92				0	0	
Benzo(a)pyrene	1800	350	1100	ug/Kg	42				0	0	
Indeno(1,2,3-cd)pyrene	1800	320	1600	ug/Kg	71				0	0	
Dibenzo(a,h)anthracene	1800	150	1900	ug/Kg	97				0	0	
Benzo(g,h,i)perylene	1800		210	ug/Kg	12				0	0	
2,3,4,6-Tetrachlorophenol	1800		1700	ug/Kg	94				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2963-24MSD	Client Sample ID:	A4CS3MSD					DataFile:	BG061837.D		
1,4-Dioxane	700		460	ug/Kg	66		4		15	120	50
Benzaldehyde	1800	180	1300	ug/Kg	62		0		0	0	0
Pyridine	1800		540	ug/Kg	30		3	*	0	0	0
Phenol	1800		1600	ug/Kg	89		0		26	90	35
Bis(2-chloroethyl)ether	1800		1400	ug/Kg	78		0		0	0	0
2-Chlorophenol	1800		1600	ug/Kg	89		5		25	102	50
2-Methylphenol	1800		1500	ug/Kg	83		7	*	0	0	0
2,2-oxybis(1-Chloropropane)	1800		1500	ug/Kg	83		7	*	0	0	0
Acetophenone	1800	0	1400	ug/Kg	78		6	*	0	0	0
4-Methylphenol	1800		1500	ug/Kg	83		0		0	0	0
N-Nitroso-di-n-propylamine	1800		1300	ug/Kg	72		8		41	126	38
Hexachloroethane	1800		1300	ug/Kg	72		0		0	0	0
Nitrobenzene	1800		1900	ug/Kg	106		6	*	0	0	0
Isophorone	1800		1600	ug/Kg	89		7	*	0	0	0
2-Nitrophenol	1800		2200	ug/Kg	122		4	*	0	0	0
2,4-Dimethylphenol	1800		1600	ug/Kg	89		0		0	0	0
Bis(2-chloroethoxy)methane	1800		1600	ug/Kg	89		7	*	0	0	0
2,4-Dichlorophenol	1800		1900	ug/Kg	106		6	*	0	0	0
Naphthalene	1800	85	1700	ug/Kg	90		7	*	0	0	0
4-Chloroaniline	1800		480	ug/Kg	27		12	*	0	0	0
Hexachlorobutadiene	1800		2000	ug/Kg	111		10	*	0	0	0
Caprolactam	1800		1300	ug/Kg	72		0		0	0	0
4-Chloro-3-methylphenol	1800		1700	ug/Kg	94		12		26	103	33
1-Methylnaphthalene	1800		1600	ug/Kg	89		7	*	0	0	0
2-Methylnaphthalene	1800		1700	ug/Kg	94		5	*	0	0	0
Hexachlorocyclopentadiene	1800		950	ug/Kg	53		0		0	0	0
2,4,6-Trichlorophenol	1800		2000	ug/Kg	111		5	*	0	0	0
2,4,5-Trichlorophenol	1800		2000	ug/Kg	111		5	*	0	0	0
1,1'-Biphenyl	1800		1900	ug/Kg	106		6	*	0	0	0
2-Chloronaphthalene	1800		1800	ug/Kg	100		6	*	0	0	0
2-Nitroaniline	1800		2200	ug/Kg	122		0		0	0	0
Dimethylphthalate	1800		1600	ug/Kg	89		0		0	0	0
2,6-Dinitrotoluene	1800		2200	ug/Kg	122		4	*	0	0	0
Acenaphthylene	1800	70	1700	ug/Kg	91		0		0	0	0
3-Nitroaniline	1800		1400	ug/Kg	78		8	*	0	0	0
Acenaphthene	1800		1700	ug/Kg	94		5		31	137	19
2,4-Dinitrophenol	1800		1600	ug/Kg	89		5	*	0	0	0
4-Nitrophenol	1800		1800	ug/Kg	100		0		11	114	50
Dibenzofuran	1800	53	1800	ug/Kg	97		5	*	0	0	0
2,4-Dinitrotoluene	1800		2200	ug/Kg	122	*	4		28	89	47
Diethylphthalate	1800		1700	ug/Kg	94		5	*	0	0	0
Fluorene	1800	47	1700	ug/Kg	92		0		0	0	0
4-Chlorophenyl-phenylether	1800		1700	ug/Kg	94		5	*	0	0	0
4-Nitroaniline	1800		1600	ug/Kg	89		7	*	0	0	0
4,6-Dinitro-2-methylphenol	1800		1800	ug/Kg	100		0		0	0	0
N-Nitrosodiphenylamine	1800		1900	ug/Kg	106		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1800		1900	ug/Kg	106		0		0	0	0
4-Bromophenyl-phenylether	1800		2000	ug/Kg	111		5	*	0	0	0
Hexachlorobenzene	1800		1400	ug/Kg	78		0		0	0	0
Atrazine	1800		1300	ug/Kg	72		0		0	0	0
Pentachlorophenol	1800		1700	ug/Kg	94		0		17	109	47
Phenanthrene	1800	720	2400	ug/Kg	93		6	*	0	0	0
Pentachlorobenzene	1800		1700	ug/Kg	94		0		0	0	0
Anthracene	1800	140	1800	ug/Kg	92		0		0	0	0
1,2,3,4-Tetrachlorobenzene	1800		2400	ug/Kg	133		9	*	0	0	0
Carbazole	1800	69	1600	ug/Kg	85		6	*	0	0	0
Di-n-butylphthalate	1800		1900	ug/Kg	106		6	*	0	0	0
Fluoranthene	1800	1400	3300	ug/Kg	106		12	*	0	0	0
Pyrene	1800	980	2500	ug/Kg	84		14		35	142	36
Butylbenzylphthalate	1800		2300	ug/Kg	128		9	*	0	0	0
3,3'-Dichlorobenzidine	1800			ug/Kg	0				0	0	0
Benzo(a)anthracene	1800	610	2500	ug/Kg	105		11	*	0	0	0
Chrysene	1800	800	2600	ug/Kg	100		12	*	0	0	0
Bis(2-ethylhexyl)phthalate	1800		2300	ug/Kg	128		5	*	0	0	0
Di-n-octylphthalate	1800		2100	ug/Kg	117		0		0	0	0
Benzo(b)fluoranthene	1800	940	2600	ug/Kg	92		6	*	0	0	0
Benzo(k)fluoranthene	1800	340	2200	ug/Kg	103		11	*	0	0	0
Benzo(a)pyrene	1800	350	1100	ug/Kg	42		0		0	0	0
Indeno(1,2,3-cd)pyrene	1800	320	1700	ug/Kg	77		8	*	0	0	0
Dibenzo(a,h)anthracene	1800	150	2000	ug/Kg	103		6	*	0	0	0
Benzo(g,h,i)perylene	1800		210	ug/Kg	12		0		0	0	0
2,3,4,6-Tetrachlorophenol	1800		1700	ug/Kg	94		0		0	0	0

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
AR1254 50PPM	AR1254 50PPM	BG061819.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
AR1660 50PPM	AR1660 50PPM	BG061818.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
PB161553BL	PB161553BL	BG061820.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161553BL	PB161553BL	BG061820.D	Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2871-01	A4C66	BG061807.D	1,4-Dioxane-d8	8	4.94	62		15	120
			Pyridine-d5	40	5.76	14	*	20	120
			Phenol-d5	40	26.14	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.04	65		10	150
			2-Chlorophenol-d4	40	27.18	68		15	120
			4-Methylphenol-d8	40	18.63	47		10	140
			Nitrobenzene-d5	40	31.23	78		10	135
			2-Nitrophenol-d4	40	35.48	89		10	120
			2,4-Dichlorophenol-d3	40	27.93	70		10	140
			4-Chloroaniline-d4	40	12.94	32		1	145
			Dimethylphthalate-d6	40	27.91	70		10	145
			Acenaphthylene-d8	40	29.26	73		15	120
			4-Nitrophenol-d4	40	22.37	56		10	150
			Fluorene-d10	40	28.52	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.14	50		10	130
			Anthracene-d10	40	29.61	74		10	150
			Pyrene-d10	40	28.69	72		10	130
			Benzo(a)pyrene-d12	40	21.04	53		10	140
P2871-02MS	A4C66MS	BG061808.D	1,4-Dioxane-d8	8	4.90	61		15	120
			Pyridine-d5	40	16.79	42		20	120
			Phenol-d5	40	29.42	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.91	70		10	150
			2-Chlorophenol-d4	40	29.38	73		15	120
			4-Methylphenol-d8	40	27.44	69		10	140
			Nitrobenzene-d5	40	36.73	92		10	135
			2-Nitrophenol-d4	40	41.11	103		10	120
			2,4-Dichlorophenol-d3	40	32.37	81		10	140
			4-Chloroaniline-d4	40	21.35	53		1	145
			Dimethylphthalate-d6	40	31.95	80		10	145
			Acenaphthylene-d8	40	32.62	82		15	120
			4-Nitrophenol-d4	40	28.22	71		10	150
			Fluorene-d10	40	32.00	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.27	83		10	130
			Anthracene-d10	40	32.71	82		10	150
			Pyrene-d10	40	32.02	80		10	130
			Benzo(a)pyrene-d12	40	22.42	56		10	140
P2871-03MSD	A4C66MSD	BG061809.D	1,4-Dioxane-d8	8	4.86	61		15	120
			Pyridine-d5	40	11.34	28		20	120
			Phenol-d5	40	26.25	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.88	65		10	150
			2-Chlorophenol-d4	40	27.64	69		15	120
			4-Methylphenol-d8	40	24.31	61		10	140
			Nitrobenzene-d5	40	31.84	80		10	135
			2-Nitrophenol-d4	40	38.45	96		10	120
			2,4-Dichlorophenol-d3	40	30.88	77		10	140
			4-Chloroaniline-d4	40	16.38	41		1	145
			Dimethylphthalate-d6	40	29.60	74		10	145
			Acenaphthylene-d8	40	30.89	77		15	120
			4-Nitrophenol-d4	40	27.07	68		10	150

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2871-03MSD	A4C66MSD	BG061809.D	Fluorene-d10	40	30.79	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.73	77		10	130
			Anthracene-d10	40	29.36	73		10	150
			Pyrene-d10	40	30.26	76		10	130
			Benzo(a)pyrene-d12	40	21.38	53		10	140
P2871-06	A4C54	BG061810.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Pyridine-d5	40	1.47	4	*	20	120
			Phenol-d5	40	22.13	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.71	57		10	150
			2-Chlorophenol-d4	40	22.87	57		15	120
			4-Methylphenol-d8	40	16.18	40		10	140
			Nitrobenzene-d5	40	26.95	67		10	135
			2-Nitrophenol-d4	40	30.00	75		10	120
			2,4-Dichlorophenol-d3	40	22.96	57		10	140
			4-Chloroaniline-d4	40	10.23	26		1	145
			Dimethylphthalate-d6	40	24.53	61		10	145
			Acenaphthylene-d8	40	24.97	62		15	120
			4-Nitrophenol-d4	40	20.54	51		10	150
			Fluorene-d10	40	24.57	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.28	41		10	130
			Anthracene-d10	40	25.02	63		10	150
			Pyrene-d10	40	25.66	64		10	130
			Benzo(a)pyrene-d12	40	18.23	46		10	140
			1,4-Dioxane-d8	8	3.83	48		15	120
			Pyridine-d5	40	0.00	0	*	20	120
P2871-08	A4C57	BG061811.D	Phenol-d5	40	22.41	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.36	56		10	150
			2-Chlorophenol-d4	40	23.39	58		15	120
			4-Methylphenol-d8	40	21.88	55		10	140
			Nitrobenzene-d5	40	28.90	72		10	135
			2-Nitrophenol-d4	40	31.66	79		10	120
			2,4-Dichlorophenol-d3	40	25.37	63		10	140
			4-Chloroaniline-d4	40	6.10	15		1	145
			Dimethylphthalate-d6	40	26.45	66		10	145
			Acenaphthylene-d8	40	26.68	67		15	120
			4-Nitrophenol-d4	40	22.01	55		10	150
			Fluorene-d10	40	26.30	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.08	45		10	130
			Anthracene-d10	40	26.30	66		10	150
			Pyrene-d10	40	27.05	68		10	130
			Benzo(a)pyrene-d12	40	19.29	48		10	140
P2871-10	A4C60	BG061812.D	1,4-Dioxane-d8	8	5.99	75		15	120
			Pyridine-d5	40	29.92	75		20	120
			Phenol-d5	40	35.24	88		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.59	84		10	150
			2-Chlorophenol-d4	40	34.51	86		15	120
			4-Methylphenol-d8	40	34.16	85		10	140
			Nitrobenzene-d5	40	41.06	103		10	135
			2-Nitrophenol-d4	40	48.85	122	*	10	120

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2871-10	A4C60	BG061812.D	2,4-Dichlorophenol-d3	40	37.85	95		10	140
			4-Chloroaniline-d4	40	32.59	81		1	145
			Dimethylphthalate-d6	40	42.17	105		10	145
			Acenaphthylene-d8	40	42.80	107		15	120
			4-Nitrophenol-d4	40	39.77	99		10	150
			Fluorene-d10	40	42.61	107		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.10	80		10	130
			Anthracene-d10	40	43.07	108		10	150
			Pyrene-d10	40	46.56	116		10	130
			Benzo(a)pyrene-d12	40	44.31	111		10	140
P2871-11	A4CJ1	BG061813.D	1,4-Dioxane-d8	8	4.01	50		15	120
			Pyridine-d5	40	2.55	6	*	20	120
			Phenol-d5	40	21.12	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.58	56		10	150
			2-Chlorophenol-d4	40	23.38	58		15	120
			4-Methylphenol-d8	40	17.62	44		10	140
			Nitrobenzene-d5	40	27.66	69		10	135
			2-Nitrophenol-d4	40	29.40	74		10	120
			2,4-Dichlorophenol-d3	40	23.80	60		10	140
			4-Chloroaniline-d4	40	8.55	21		1	145
			Dimethylphthalate-d6	40	24.09	60		10	145
			Acenaphthylene-d8	40	24.76	62		15	120
			4-Nitrophenol-d4	40	20.45	51		10	150
			Fluorene-d10	40	24.61	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.25	41		10	130
			Anthracene-d10	40	24.32	61		10	150
			Pyrene-d10	40	26.07	65		10	130
			Benzo(a)pyrene-d12	40	18.70	47		10	140
P2871-17	A4CN8	BG061814.D	1,4-Dioxane-d8	8	1.97	25		15	120
			Pyridine-d5	40	6.64	17	*	20	120
			Phenol-d5	40	13.79	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.27	33		10	150
			2-Chlorophenol-d4	40	13.80	35		15	120
			4-Methylphenol-d8	40	14.53	36		10	140
			Nitrobenzene-d5	40	16.47	41		10	135
			2-Nitrophenol-d4	40	19.34	48		10	120
			2,4-Dichlorophenol-d3	40	15.88	40		10	140
			4-Chloroaniline-d4	40	9.50	24		1	145
			Dimethylphthalate-d6	40	16.52	41		10	145
			Acenaphthylene-d8	40	16.98	42		15	120
			4-Nitrophenol-d4	40	11.98	30		10	150
			Fluorene-d10	40	16.57	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.95	30		10	130
			Anthracene-d10	40	16.79	42		10	150
			Pyrene-d10	40	18.25	46		10	130
			Benzo(a)pyrene-d12	40	17.38	43		10	140
P2871-22	A4B53	BG061821.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	4.28	11	*	20	120
			Phenol-d5	40	25.01	63		10	130

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2871-22	A4B53	BG061821.D	Bis(2-Chloroethyl)ether-d8	40	25.63	64		10	150
			2-Chlorophenol-d4	40	26.58	66		15	120
			4-Methylphenol-d8	40	19.40	49		10	140
			Nitrobenzene-d5	40	31.29	78		10	135
			2-Nitrophenol-d4	40	34.65	87		10	120
			2,4-Dichlorophenol-d3	40	27.52	69		10	140
			4-Chloroaniline-d4	40	11.20	28		1	145
			Dimethylphthalate-d6	40	27.96	70		10	145
			Acenaphthylene-d8	40	28.30	71		15	120
			4-Nitrophenol-d4	40	26.27	66		10	150
			Fluorene-d10	40	28.65	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.04	53		10	130
			Anthracene-d10	40	28.58	71		10	150
			Pyrene-d10	40	29.92	75		10	130
			Benzo(a)pyrene-d12	40	21.28	53		10	140
PB161602BL	PB161602BL	BG061806.D	Pyridine-d5	40	30.38	76		20	120
			1,4-Dioxane-d8	8	5.59	70		15	120
			Phenol-d5	40	29.26	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.54	69		10	150
			2-Chlorophenol-d4	40	28.69	72		15	120
			4-Methylphenol-d8	40	28.07	70		10	140
			Nitrobenzene-d5	40	34.41	86		10	135
			2-Nitrophenol-d4	40	39.31	98		10	120
			2,4-Dichlorophenol-d3	40	31.90	80		10	140
			4-Chloroaniline-d4	40	29.10	73		1	145
			Dimethylphthalate-d6	40	30.70	77		10	145
			Acenaphthylene-d8	40	31.45	79		15	120
			4-Nitrophenol-d4	40	25.51	64		10	150
			Fluorene-d10	40	30.42	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.73	59		10	130
			Anthracene-d10	40	31.41	79		10	150
			Pyrene-d10	40	34.24	86		10	130
PB161602BS	PB161602BS	BG061815.D	Benzo(a)pyrene-d12	40	33.07	83		10	140
			1,4-Dioxane-d8	8	5.94	74		15	120
			Pyridine-d5	40	26.84	67		20	120
			Phenol-d5	40	29.04	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.13	70		10	150
			2-Chlorophenol-d4	40	29.82	75		15	120
			4-Methylphenol-d8	40	27.86	70		10	140
			Nitrobenzene-d5	40	36.25	91		10	135
			2-Nitrophenol-d4	40	42.31	106		10	120
			2,4-Dichlorophenol-d3	40	33.08	83		10	140
			4-Chloroaniline-d4	40	27.04	68		1	145
			Dimethylphthalate-d6	40	30.05	75		10	145
			Acenaphthylene-d8	40	31.64	79		15	120
			4-Nitrophenol-d4	40	31.72	79		10	150
			Fluorene-d10	40	30.47	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.51	84		10	130
			Anthracene-d10	40	31.73	79		10	150



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161602BS	PB161602BS	BG061815.D	Pyrene-d10	40	34.95	87		10	130
			Benzo(a)pyrene-d12	40	33.29	83		10	140

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2962-02	C0T74	BG061829.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	2.32	6	*	20	120
			Phenol-d5	40	20.42	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.25	46		10	150
			2-Chlorophenol-d4	40	19.83	50		15	120
			4-Methylphenol-d8	40	21.06	53		10	140
			Nitrobenzene-d5	40	24.47	61		10	135
			2-Nitrophenol-d4	40	29.81	75		10	120
			2,4-Dichlorophenol-d3	40	23.35	58		10	140
			4-Chloroaniline-d4	40	17.98	45		1	145
			Dimethylphthalate-d6	40	26.60	66		10	145
			Acenaphthylene-d8	40	26.66	67		15	120
			4-Nitrophenol-d4	40	23.12	58		10	150
			Fluorene-d10	40	27.40	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.04	48		10	130
			Anthracene-d10	40	28.23	71		10	150
			Pyrene-d10	40	30.57	76		10	130
			Benzo(a)pyrene-d12	40	28.90	72		10	140
P2962-03	C0T75	BG061830.D	1,4-Dioxane-d8	8	3.21	40		15	120
			Pyridine-d5	40	17.29	43		20	120
			Phenol-d5	40	19.91	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.86	50		10	150
			2-Chlorophenol-d4	40	20.36	51		15	120
			4-Methylphenol-d8	40	20.64	52		10	140
			Nitrobenzene-d5	40	24.09	60		10	135
			2-Nitrophenol-d4	40	28.05	70		10	120
			2,4-Dichlorophenol-d3	40	21.66	54		10	140
			4-Chloroaniline-d4	40	20.13	50		1	145
			Dimethylphthalate-d6	40	22.77	57		10	145
			Acenaphthylene-d8	40	22.80	57		15	120
			4-Nitrophenol-d4	40	19.85	50		10	150
			Fluorene-d10	40	23.03	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.45	41		10	130
			Anthracene-d10	40	23.75	59		10	150
			Pyrene-d10	40	26.12	65		10	130
			Benzo(a)pyrene-d12	40	24.99	62		10	140
P2962-15	C0T89	BG061822.D	1,4-Dioxane-d8	8	6.53	82		15	120
			Pyridine-d5	40	28.24	71		20	120
			Phenol-d5	40	34.38	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.59	91		10	150
			2-Chlorophenol-d4	40	35.50	89		15	120
			4-Methylphenol-d8	40	32.24	81		10	140
			Nitrobenzene-d5	40	45.99	115		10	135
			2-Nitrophenol-d4	40	52.54	131	*	10	120
			2,4-Dichlorophenol-d3	40	39.27	98		10	140
			4-Chloroaniline-d4	40	43.68	109		1	145
			Dimethylphthalate-d6	40	38.07	95		10	145
			Acenaphthylene-d8	40	41.21	103		15	120
			4-Nitrophenol-d4	40	42.52	106		10	150

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2962-15	C0T89	BG061822.D	Fluorene-d10	40	39.64	99		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.58	74		10	130
			Anthracene-d10	40	40.86	102		10	150
			Pyrene-d10	40	42.57	106		10	130
			Benzo(a)pyrene-d12	40	42.86	107		10	140
P2962-16	C0T90	BG061823.D	1,4-Dioxane-d8	8	3.29	41		15	120
			Pyridine-d5	40	16.40	41		20	120
			Phenol-d5	40	20.21	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.10	45		10	150
			2-Chlorophenol-d4	40	19.61	49		15	120
			4-Methylphenol-d8	40	18.51	46		10	140
			Nitrobenzene-d5	40	23.62	59		10	135
			2-Nitrophenol-d4	40	27.97	70		10	120
			2,4-Dichlorophenol-d3	40	22.35	56		10	140
			4-Chloroaniline-d4	40	20.89	52		1	145
			Dimethylphthalate-d6	40	24.15	60		10	145
			Acenaphthylene-d8	40	23.77	59		15	120
			4-Nitrophenol-d4	40	19.71	49		10	150
			Fluorene-d10	40	23.95	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.66	37		10	130
			Anthracene-d10	40	24.78	62		10	150
			Pyrene-d10	40	27.12	68		10	130
			Benzo(a)pyrene-d12	40	26.80	67		10	140
P2962-17	C0T91	BG061824.D	1,4-Dioxane-d8	8	3.48	44		15	120
			Pyridine-d5	40	18.16	45		20	120
			Phenol-d5	40	20.61	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.48	54		10	150
			2-Chlorophenol-d4	40	22.05	55		15	120
			4-Methylphenol-d8	40	20.31	51		10	140
			Nitrobenzene-d5	40	28.12	70		10	135
			2-Nitrophenol-d4	40	30.71	77		10	120
			2,4-Dichlorophenol-d3	40	23.73	59		10	140
			4-Chloroaniline-d4	40	32.09	80		1	145
			Dimethylphthalate-d6	40	22.43	56		10	145
			Acenaphthylene-d8	40	24.76	62		15	120
			4-Nitrophenol-d4	40	20.47	51		10	150
			Fluorene-d10	40	23.22	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.67	39		10	130
			Anthracene-d10	40	25.72	64		10	150
			Pyrene-d10	40	26.80	67		10	130
			Benzo(a)pyrene-d12	40	25.81	65		10	140
P2962-18	C0T92	BG061825.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Pyridine-d5	40	15.80	39		20	120
			Phenol-d5	40	17.93	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.77	42		10	150
			2-Chlorophenol-d4	40	18.13	45		15	120
			4-Methylphenol-d8	40	18.10	45		10	140
			Nitrobenzene-d5	40	22.45	56		10	135
			2-Nitrophenol-d4	40	25.46	64		10	120

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2962-18	C0T92	BG061825.D	2,4-Dichlorophenol-d3	40	20.70	52		10	140
			4-Chloroaniline-d4	40	19.45	49		1	145
			Dimethylphthalate-d6	40	22.47	56		10	145
			Acenaphthylene-d8	40	22.33	56		15	120
			4-Nitrophenol-d4	40	19.93	50		10	150
			Fluorene-d10	40	22.95	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.50	39		10	130
			Anthracene-d10	40	23.82	60		10	150
			Pyrene-d10	40	26.32	66		10	130
			Benzo(a)pyrene-d12	40	24.94	62		10	140
P2962-19	C0T93	BG061826.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Pyridine-d5	40	19.01	48		20	120
			Phenol-d5	40	21.67	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.86	52		10	150
			2-Chlorophenol-d4	40	22.15	55		15	120
			4-Methylphenol-d8	40	21.94	55		10	140
			Nitrobenzene-d5	40	27.68	69		10	135
			2-Nitrophenol-d4	40	30.52	76		10	120
			2,4-Dichlorophenol-d3	40	23.73	59		10	140
			4-Chloroaniline-d4	40	22.33	56		1	145
			Dimethylphthalate-d6	40	24.46	61		10	145
			Acenaphthylene-d8	40	24.47	61		15	120
			4-Nitrophenol-d4	40	20.88	52		10	150
			Fluorene-d10	40	24.11	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.05	40		10	130
			Anthracene-d10	40	25.51	64		10	150
			Pyrene-d10	40	27.73	69		10	130
			Benzo(a)pyrene-d12	40	26.90	67		10	140
P2962-20	C0T98	BG061827.D	1,4-Dioxane-d8	8	3.36	42		15	120
			Pyridine-d5	40	14.72	37		20	120
			Phenol-d5	40	19.83	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.62	47		10	150
			2-Chlorophenol-d4	40	19.64	49		15	120
			4-Methylphenol-d8	40	18.96	47		10	140
			Nitrobenzene-d5	40	22.57	56		10	135
			2-Nitrophenol-d4	40	26.28	66		10	120
			2,4-Dichlorophenol-d3	40	20.17	50		10	140
			4-Chloroaniline-d4	40	19.65	49		1	145
			Dimethylphthalate-d6	40	21.44	54		10	145
			Acenaphthylene-d8	40	21.40	53		15	120
			4-Nitrophenol-d4	40	18.66	47		10	150
			Fluorene-d10	40	21.46	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.16	33		10	130
			Anthracene-d10	40	22.54	56		10	150
			Pyrene-d10	40	24.26	61		10	130
			Benzo(a)pyrene-d12	40	23.19	58		10	140
P2962-21	C0T99	BG061831.D	1,4-Dioxane-d8	8	4.20	52		15	120
			Pyridine-d5	40	21.42	54		20	120
			Phenol-d5	40	24.21	61		10	130

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2962-21	C0T99	BG061831.D	Bis(2-Chloroethyl)ether-d8	40	23.56	59		10	150
			2-Chlorophenol-d4	40	24.27	61		15	120
			4-Methylphenol-d8	40	22.06	55		10	140
			Nitrobenzene-d5	40	28.33	71		10	135
			2-Nitrophenol-d4	40	31.84	80		10	120
			2,4-Dichlorophenol-d3	40	25.02	63		10	140
			4-Chloroaniline-d4	40	23.76	59		1	145
			Dimethylphthalate-d6	40	28.08	70		10	145
			Acenaphthylene-d8	40	28.22	71		15	120
			4-Nitrophenol-d4	40	24.76	62		10	150
			Fluorene-d10	40	27.83	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.59	54		10	130
			Anthracene-d10	40	28.79	72		10	150
			Pyrene-d10	40	31.41	79		10	130
			Benzo(a)pyrene-d12	40	30.66	77		10	140
P2962-22	C0TA6	BG061828.D	1,4-Dioxane-d8	8	3.91	49		15	120
			Pyridine-d5	40	19.71	49		20	120
			Phenol-d5	40	21.84	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.25	51		10	150
			2-Chlorophenol-d4	40	22.07	55		15	120
			4-Methylphenol-d8	40	21.43	54		10	140
			Nitrobenzene-d5	40	25.72	64		10	135
			2-Nitrophenol-d4	40	28.06	70		10	120
			2,4-Dichlorophenol-d3	40	22.99	57		10	140
			4-Chloroaniline-d4	40	21.29	53		1	145
			Dimethylphthalate-d6	40	23.67	59		10	145
			Acenaphthylene-d8	40	24.33	61		15	120
			4-Nitrophenol-d4	40	20.35	51		10	150
			Fluorene-d10	40	24.04	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.97	42		10	130
			Anthracene-d10	40	25.02	63		10	150
			Pyrene-d10	40	26.76	67		10	130
PB161627BL	PB161627BL	BG061817.D	Benzo(a)pyrene-d12	40	25.69	64		10	140
			1,4-Dioxane-d8	8	6.08	76		15	120
			Pyridine-d5	40	29.85	75		20	120
			Phenol-d5	40	30.17	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.41	71		10	150
			2-Chlorophenol-d4	40	29.92	75		15	120
			4-Methylphenol-d8	40	29.13	73		10	140
			Nitrobenzene-d5	40	36.20	91		10	135
			2-Nitrophenol-d4	40	41.14	103		10	120
			2,4-Dichlorophenol-d3	40	31.63	79		10	140
			4-Chloroaniline-d4	40	29.09	73		1	145
			Dimethylphthalate-d6	40	30.59	76		10	145
			Acenaphthylene-d8	40	31.27	78		15	120
			4-Nitrophenol-d4	40	28.04	70		10	150
			Fluorene-d10	40	31.33	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.85	65		10	130
			Anthracene-d10	40	31.50	79		10	150



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161627BL	PB161627BL	BG061817.D	Pyrene-d10	40	34.83	87		10	130
			Benzo(a)pyrene-d12	40	33.13	83		10	140

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2963-04	A4BQ2	BG061838.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Pyridine-d5	40	3.13	8	*	20	120
			Phenol-d5	40	29.91	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.23	76		10	150
			2-Chlorophenol-d4	40	32.01	80		15	120
			4-Methylphenol-d8	40	23.29	58		10	140
			Nitrobenzene-d5	40	39.24	98		10	135
			2-Nitrophenol-d4	40	43.59	109		10	120
			2,4-Dichlorophenol-d3	40	34.07	85		10	140
			4-Chloroaniline-d4	40	2.25	6		1	145
			Dimethylphthalate-d6	40	35.56	89		10	145
			Acenaphthylene-d8	40	35.05	88		15	120
			4-Nitrophenol-d4	40	27.82	70		10	150
			Fluorene-d10	40	34.12	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.83	67		10	130
			Anthracene-d10	40	33.52	84		10	150
			Pyrene-d10	40	32.71	82		10	130
			Benzo(a)pyrene-d12	40	21.93	55		10	140
P2963-05	A4CQ6	BG061839.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	2.16	5	*	20	120
			Phenol-d5	40	26.04	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.53	61		10	150
			2-Chlorophenol-d4	40	26.84	67		15	120
			4-Methylphenol-d8	40	24.01	60		10	140
			Nitrobenzene-d5	40	33.01	83		10	135
			2-Nitrophenol-d4	40	36.63	92		10	120
			2,4-Dichlorophenol-d3	40	28.94	72		10	140
			4-Chloroaniline-d4	40	4.17	10		1	145
			Dimethylphthalate-d6	40	30.39	76		10	145
			Acenaphthylene-d8	40	31.12	78		15	120
			4-Nitrophenol-d4	40	27.31	68		10	150
			Fluorene-d10	40	30.21	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.70	49		10	130
			Anthracene-d10	40	30.64	77		10	150
			Pyrene-d10	40	30.58	76		10	130
			Benzo(a)pyrene-d12	40	20.11	50		10	140
P2963-06	A4CQ7	BG061840.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Pyridine-d5	40	4.86	12	*	20	120
			Phenol-d5	40	24.87	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.05	60		10	150
			2-Chlorophenol-d4	40	26.52	66		15	120
			4-Methylphenol-d8	40	24.89	62		10	140
			Nitrobenzene-d5	40	30.77	77		10	135
			2-Nitrophenol-d4	40	34.22	86		10	120
			2,4-Dichlorophenol-d3	40	27.83	70		10	140
			4-Chloroaniline-d4	40	5.38	13		1	145
			Dimethylphthalate-d6	40	28.42	71		10	145
			Acenaphthylene-d8	40	28.25	71		15	120
			4-Nitrophenol-d4	40	22.80	57		10	150

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2963-06	A4CQ7	BG061840.D	Fluorene-d10	40	28.05	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.22	48		10	130
			Anthracene-d10	40	30.14	75		10	150
			Pyrene-d10	40	28.87	72		10	130
			Benzo(a)pyrene-d12	40	20.84	52		10	140
P2963-07	A4CQ8	BG061841.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	30.16	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.83	75		10	150
			2-Chlorophenol-d4	40	31.11	78		15	120
			4-Methylphenol-d8	40	27.82	70		10	140
			Nitrobenzene-d5	40	37.02	93		10	135
			2-Nitrophenol-d4	40	41.84	105		10	120
			2,4-Dichlorophenol-d3	40	32.27	81		10	140
			4-Chloroaniline-d4	40	2.42	6		1	145
			Dimethylphthalate-d6	40	32.40	81		10	145
			Acenaphthylene-d8	40	32.71	82		15	120
			4-Nitrophenol-d4	40	29.84	75		10	150
			Fluorene-d10	40	32.35	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.78	54		10	130
			Anthracene-d10	40	34.96	87		10	150
			Pyrene-d10	40	34.01	85		10	130
			Benzo(a)pyrene-d12	40	24.74	62		10	140
P2963-10	A4CR3	BG061842.D	1,4-Dioxane-d8	8	3.77	47		15	120
			Pyridine-d5	40	15.01	38		20	120
			Phenol-d5	40	26.49	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.84	77		10	150
			2-Chlorophenol-d4	40	31.15	78		15	120
			4-Methylphenol-d8	40	29.06	73		10	140
			Nitrobenzene-d5	40	40.09	100		10	135
			2-Nitrophenol-d4	40	47.52	119		10	120
			2,4-Dichlorophenol-d3	40	35.14	88		10	140
			4-Chloroaniline-d4	40	11.40	29		1	145
			Dimethylphthalate-d6	40	38.49	96		10	145
			Acenaphthylene-d8	40	40.02	100		15	120
			4-Nitrophenol-d4	40	22.62	57		10	150
			Fluorene-d10	40	38.71	97		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.71	59		10	130
			Anthracene-d10	40	39.80	99		10	150
			Pyrene-d10	40	44.43	111		10	130
			Benzo(a)pyrene-d12	40	42.36	106		10	140
P2963-11	A4CR5	BG061843.D	1,4-Dioxane-d8	8	4.33	54		15	120
			Pyridine-d5	40	1.08	3	*	20	120
			Phenol-d5	40	29.81	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.66	74		10	150
			2-Chlorophenol-d4	40	32.52	81		15	120
			4-Methylphenol-d8	40	28.03	70		10	140
			Nitrobenzene-d5	40	38.64	97		10	135
			2-Nitrophenol-d4	40	42.76	107		10	120

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2963-11	A4CR5	BG061843.D	2,4-Dichlorophenol-d3	40	32.53	81		10	140
			4-Chloroaniline-d4	40	2.20	6		1	145
			Dimethylphthalate-d6	40	35.09	88		10	145
			Acenaphthylene-d8	40	36.23	91		15	120
			4-Nitrophenol-d4	40	24.13	60		10	150
			Fluorene-d10	40	34.61	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.96	47		10	130
			Anthracene-d10	40	36.22	91		10	150
			Pyrene-d10	40	35.55	89		10	130
			Benzo(a)pyrene-d12	40	25.57	64		10	140
P2963-14	A4CR8	BG061846.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Pyridine-d5	40	1.31	3	*	20	120
			Phenol-d5	40	23.77	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.60	64		10	150
			2-Chlorophenol-d4	40	26.28	66		15	120
			4-Methylphenol-d8	40	22.32	56		10	140
			Nitrobenzene-d5	40	33.85	85		10	135
			2-Nitrophenol-d4	40	37.89	95		10	120
			2,4-Dichlorophenol-d3	40	28.99	72		10	140
			4-Chloroaniline-d4	40	1.32	3		1	145
			Dimethylphthalate-d6	40	29.67	74		10	145
			Acenaphthylene-d8	40	31.04	78		15	120
			4-Nitrophenol-d4	40	12.88	32		10	150
			Fluorene-d10	40	30.74	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.02	33		10	130
			Anthracene-d10	40	30.37	76		10	150
			Pyrene-d10	40	29.59	74		10	130
			Benzo(a)pyrene-d12	40	20.28	51		10	140
P2963-15	A4CR9	BG061847.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	28.12	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.79	69		10	150
			2-Chlorophenol-d4	40	29.32	73		15	120
			4-Methylphenol-d8	40	26.48	66		10	140
			Nitrobenzene-d5	40	36.11	90		10	135
			2-Nitrophenol-d4	40	41.37	103		10	120
			2,4-Dichlorophenol-d3	40	32.10	80		10	140
			4-Chloroaniline-d4	40	3.53	9		1	145
			Dimethylphthalate-d6	40	31.86	80		10	145
			Acenaphthylene-d8	40	33.08	83		15	120
			4-Nitrophenol-d4	40	22.28	56		10	150
			Fluorene-d10	40	31.75	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.59	41		10	130
			Anthracene-d10	40	33.24	83		10	150
			Pyrene-d10	40	31.64	79		10	130
			Benzo(a)pyrene-d12	40	22.36	56		10	140
P2963-16	A4CS7	BG061844.D	1,4-Dioxane-d8	8	3.72	46		15	120
			Pyridine-d5	40	0.72	2	*	20	120
			Phenol-d5	40	26.26	66		10	130

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2963-16	A4CS7	BG061844.D	Bis(2-Chloroethyl)ether-d8	40	25.84	65		10	150
			2-Chlorophenol-d4	40	27.48	69		15	120
			4-Methylphenol-d8	40	23.96	60		10	140
			Nitrobenzene-d5	40	32.42	81		10	135
			2-Nitrophenol-d4	40	38.81	97		10	120
			2,4-Dichlorophenol-d3	40	29.34	73		10	140
			4-Chloroaniline-d4	40	2.73	7		1	145
			Dimethylphthalate-d6	40	29.08	73		10	145
			Acenaphthylene-d8	40	30.09	75		15	120
			4-Nitrophenol-d4	40	22.01	55		10	150
			Fluorene-d10	40	28.74	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.48	36		10	130
			Anthracene-d10	40	28.70	72		10	150
			Pyrene-d10	40	27.37	68		10	130
			Benzo(a)pyrene-d12	40	19.40	48		10	140
P2963-17	A4CS8	BG061845.D	1,4-Dioxane-d8	8	4.81	60		15	120
			Pyridine-d5	40	1.29	3	*	20	120
			Phenol-d5	40	33.43	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.26	81		10	150
			2-Chlorophenol-d4	40	34.47	86		15	120
			4-Methylphenol-d8	40	33.09	83		10	140
			Nitrobenzene-d5	40	39.67	99		10	135
			2-Nitrophenol-d4	40	47.46	119		10	120
			2,4-Dichlorophenol-d3	40	35.82	90		10	140
			4-Chloroaniline-d4	40	7.96	20		1	145
			Dimethylphthalate-d6	40	36.13	90		10	145
			Acenaphthylene-d8	40	36.94	92		15	120
			4-Nitrophenol-d4	40	33.64	84		10	150
			Fluorene-d10	40	36.30	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.00	55		10	130
			Anthracene-d10	40	36.46	91		10	150
			Pyrene-d10	40	34.86	87		10	130
P2963-21	A4B44	BG061834.D	Benzo(a)pyrene-d12	40	24.11	60		10	140
			1,4-Dioxane-d8	8	4.54	57		15	120
			Pyridine-d5	40	19.27	48		20	120
			Phenol-d5	40	28.37	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.57	71		10	150
			2-Chlorophenol-d4	40	28.44	71		15	120
			4-Methylphenol-d8	40	28.61	72		10	140
			Nitrobenzene-d5	40	34.41	86		10	135
			2-Nitrophenol-d4	40	37.84	95		10	120
			2,4-Dichlorophenol-d3	40	30.92	77		10	140
			4-Chloroaniline-d4	40	16.10	40		1	145
			Dimethylphthalate-d6	40	31.12	78		10	145
			Acenaphthylene-d8	40	32.80	82		15	120
			4-Nitrophenol-d4	40	27.78	69		10	150
			Fluorene-d10	40	31.55	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.86	72		10	130
			Anthracene-d10	40	32.51	81		10	150

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2963-21	A4B44	BG061834.D	Pyrene-d10	40	34.75	87		10	130
			Benzo(a)pyrene-d12	40	34.68	87		10	140
P2963-22	A4CS3	BG061835.D	1,4-Dioxane-d8	8	4.50	56		15	120
			Pyridine-d5	40	1.17	3	*	20	120
			Phenol-d5	40	30.93	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.36	76		10	150
			2-Chlorophenol-d4	40	31.70	79		15	120
			4-Methylphenol-d8	40	30.15	75		10	140
			Nitrobenzene-d5	40	39.02	98		10	135
			2-Nitrophenol-d4	40	42.54	106		10	120
			2,4-Dichlorophenol-d3	40	35.04	88		10	140
			4-Chloroaniline-d4	40	1.31	3		1	145
			Dimethylphthalate-d6	40	34.58	86		10	145
			Acenaphthylene-d8	40	34.95	87		15	120
			4-Nitrophenol-d4	40	30.31	76		10	150
			Fluorene-d10	40	33.96	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.66	79		10	130
			Anthracene-d10	40	35.16	88		10	150
			Pyrene-d10	40	33.14	83		10	130
			Benzo(a)pyrene-d12	40	22.64	57		10	140
P2963-23MS	A4CS3MS	BG061836.D	1,4-Dioxane-d8	8	4.91	61		15	120
			Pyridine-d5	40	6.34	16	*	20	120
			Phenol-d5	40	31.31	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.26	76		10	150
			2-Chlorophenol-d4	40	32.12	80		15	120
			4-Methylphenol-d8	40	30.39	76		10	140
			Nitrobenzene-d5	40	37.92	95		10	135
			2-Nitrophenol-d4	40	41.90	105		10	120
			2,4-Dichlorophenol-d3	40	35.27	88		10	140
			4-Chloroaniline-d4	40	4.37	11		1	145
			Dimethylphthalate-d6	40	33.50	84		10	145
			Acenaphthylene-d8	40	34.26	86		15	120
			4-Nitrophenol-d4	40	33.11	83		10	150
			Fluorene-d10	40	33.36	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	39.48	99		10	130
			Anthracene-d10	40	34.63	87		10	150
			Pyrene-d10	40	32.64	82		10	130
			Benzo(a)pyrene-d12	40	21.52	54		10	140
P2963-24MSD	A4CS3MSD	BG061837.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Pyridine-d5	40	6.85	17	*	20	120
			Phenol-d5	40	29.68	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.18	73		10	150
			2-Chlorophenol-d4	40	30.90	77		15	120
			4-Methylphenol-d8	40	29.58	74		10	140
			Nitrobenzene-d5	40	39.84	100		10	135
			2-Nitrophenol-d4	40	45.03	113		10	120
			2,4-Dichlorophenol-d3	40	37.18	93		10	140
			4-Chloroaniline-d4	40	4.70	12		1	145
			Dimethylphthalate-d6	40	35.35	88		10	145



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BG070124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2963-24MSD	A4CS3MSD	BG061837.D	Acenaphthylene-d8	40	35.90	90		15	120
			4-Nitrophenol-d4	40	33.63	84		10	150
			Fluorene-d10	40	34.81	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.31	93		10	130
			Anthracene-d10	40	35.53	89		10	150
			Pyrene-d10	40	34.08	85		10	130
			Benzo(a)pyrene-d12	40	22.30	56		10	140
PB161652BL	PB161652BL	BG061833.D	1,4-Dioxane-d8	8	6.30	79		15	120
			Pyridine-d5	40	31.21	78		20	120
			Phenol-d5	40	31.83	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.30	76		10	150
			2-Chlorophenol-d4	40	32.26	81		15	120
			4-Methylphenol-d8	40	30.90	77		10	140
			Nitrobenzene-d5	40	39.23	98		10	135
			2-Nitrophenol-d4	40	43.27	108		10	120
			2,4-Dichlorophenol-d3	40	33.36	83		10	140
			4-Chloroaniline-d4	40	31.37	78		1	145
			Dimethylphthalate-d6	40	33.83	85		10	145
			Acenaphthylene-d8	40	35.22	88		15	120
			4-Nitrophenol-d4	40	30.41	76		10	150
			Fluorene-d10	40	33.84	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.66	69		10	130
			Anthracene-d10	40	36.33	91		10	150
			Pyrene-d10	40	39.05	98		10	130
			Benzo(a)pyrene-d12	40	37.12	93		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG070124

Lab Code: CHEM

SAS No.: BG070124

SDG NO.: BG070124

Lab File ID: BG061804.D

DFTPP Injection Date: 07/01/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	55.1
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	41.3
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	45.1
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	6.5
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	13.7
442	Greater than 50% of mass 198	83.3
443	15.0 - 24.0% of mass 442	16.9 (20.2) 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
SSTD020547	SSTDCCC020	BG061805.D	07/01/2024	09:59
SBLK602	PB161602BL	BG061806.D	07/01/2024	10:43
A4C66	P2871-01	BG061807.D	07/01/2024	11:24
A4C66MS	P2871-02MS	BG061808.D	07/01/2024	12:04
A4C66MSD	P2871-03MSD	BG061809.D	07/01/2024	12:45
A4C54	P2871-06	BG061810.D	07/01/2024	13:25
A4C57	P2871-08	BG061811.D	07/01/2024	14:05
A4C60	P2871-10	BG061812.D	07/01/2024	14:46
A4CJ1	P2871-11	BG061813.D	07/01/2024	15:26
A4CN8	P2871-17	BG061814.D	07/01/2024	16:06
SLCS602	PB161602BS	BG061815.D	07/01/2024	16:47
SSTD020548	SSTDCCC020	BG061816.D	07/01/2024	17:28
SBLK627	PB161627BL	BG061817.D	07/01/2024	18:09
AR1660 50PPM	AR1660 50PPM	BG061818.D	07/01/2024	18:50
AR1254 50PPM	AR1254 50PPM	BG061819.D	07/01/2024	19:31
SBLK553	PB161553BL	BG061820.D	07/01/2024	20:12
A4B53	P2871-22	BG061821.D	07/01/2024	20:53
C0T89	P2962-15	BG061822.D	07/01/2024	21:34

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG070124

Lab Code: CHEM

SAS No.: BG070124

SDG NO.: BG070124

Lab File ID: BG061804.D

DFTPP Injection Date: 07/01/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	55.1
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	41.3
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	45.1
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	6.5
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	13.7
442	Greater than 50% of mass 198	83.3
443	15.0 - 24.0% of mass 442	16.9 (20.2) 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
C0T90	P2962-16	BG061823.D	07/01/2024	22:14
C0T91	P2962-17	BG061824.D	07/01/2024	22:55
C0T92	P2962-18	BG061825.D	07/01/2024	23:35
C0T93	P2962-19	BG061826.D	07/02/2024	00:16
C0T98	P2962-20	BG061827.D	07/02/2024	00:56
C0TA6	P2962-22	BG061828.D	07/02/2024	01:37
C0T74	P2962-02	BG061829.D	07/02/2024	02:17
C0T75	P2962-03	BG061830.D	07/02/2024	02:58
C0T99	P2962-21	BG061831.D	07/02/2024	03:38
SSTD020549	SSTDCCC020	BG061832.D	07/02/2024	04:59
SBLK652	PB161652BL	BG061833.D	07/02/2024	05:39
A4B44	P2963-21	BG061834.D	07/02/2024	06:20
A4CS3	P2963-22	BG061835.D	07/02/2024	07:00
A4CS3MS	P2963-23MS	BG061836.D	07/02/2024	07:40
A4CS3MSD	P2963-24MSD	BG061837.D	07/02/2024	08:20
A4BQ2	P2963-04	BG061838.D	07/02/2024	09:01
A4CQ6	P2963-05	BG061839.D	07/02/2024	09:41
A4CQ7	P2963-06	BG061840.D	07/02/2024	10:22

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG070124

Lab Code: CHEM

SAS No.: BG070124

SDG NO.: BG070124

Lab File ID: BG061804.D

DFTPP Injection Date: 07/01/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	55.1
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	41.3
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	45.1
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	6.5
275	10.0 - 60.0% of mass 198	27.6
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	13.7
442	Greater than 50% of mass 198	83.3
443	15.0 - 24.0% of mass 442	16.9 (20.2) 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
A4CQ8	P2963-07	BG061841.D	07/02/2024	11:02
A4CR3	P2963-10	BG061842.D	07/02/2024	11:42
A4CR5	P2963-11	BG061843.D	07/02/2024	12:23
A4CS7	P2963-16	BG061844.D	07/02/2024	13:03
A4CS8	P2963-17	BG061845.D	07/02/2024	13:43
A4CR8	P2963-14	BG061846.D	07/02/2024	14:23
A4CR9	P2963-15	BG061847.D	07/02/2024	15:04
SSTD020550	SSTDCCC020EC	BG061848.D	07/02/2024	15:44