

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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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.

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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
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 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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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.

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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				

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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				

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				ug/Kg



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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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				

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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				

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.989	
	unknown-01		U			5.135	
000770-35-4	1-Phenoxypropan-2-ol		U			11.598	
000613-12-7	Anthracene, 2-methyl-		U			18.308	
000203-64-5	4H-Cyclopenta[def]phenanthrene		U			18.496	
003079-32-1	Sulfoxide, hexadecyl methyl		U			21.339	
	(DEL) Alkane: Straight-Chain24.013		U			24.013	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.989	
	unknown-01		U			5.135	
000770-35-4	1-Phenoxypropan-2-ol		U			11.598	
000094-59-7	Safrole		U			12.315	
000532-28-5	Benzeneacetonitrile, .alpha.-hydro		U			12.538	
000610-48-0	Anthracene, 1-methyl-		U			18.308	
000613-12-7	Anthracene, 2-methyl-		U			18.349	
083469-43-6	6H-Cyclobuta[jk]phenanthrene		U			18.496	
018206-97-8	Octacosyl acetate		U			21.339	
	(DEL) Alkane: Straight-Chain22.509		U			22.509	
	(DEL) Alkane: Straight-Chain24.013		U			24.013	

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
TARGETS							
123-91-1	1,4-Dioxane		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			9.77	
000770-35-4	1-Phenoxypropan-2-ol		U			11.598	
000057-10-3	n-Hexadecanoic acid		U			18.313	
	(DEL) Alkane: Cyclic21.333		U			21.333	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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
129-00-0	Pyrene		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.99	
	unknown-01		U			5.13	
006180-61-6	1-Propanol, 3-phenoxy-		U			11.599	
000057-10-3	n-Hexadecanoic acid		U			18.309	
000203-64-5	4H-Cyclopenta[def]phenanthrene		U			18.497	
	unknown-02		U			19.278	
	(DEL) Alkane: Straight-Chain	21.335	U			21.335	
	(DEL) Alkane: Straight-Chain	24.014	U			24.014	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.728	
	unknown-01		U			14.621	
000111-37-5	1,2-Ethanediamine, N-ethyl-N-meth		U			16.425	
000057-10-3	n-Hexadecanoic acid		U			18.311	
000400-57-7	Heptafluorobutyric acid, n-octadec		U			21.331	
1000351-83-7	Tetracosyl heptafluorobutyrate		U			22.512	
035599-77-0	Tridecane, 1-iodo-		U			24.005	
	(DEL) Alkane: Straight-Chain26.108		U			26.108	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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				

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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				

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		U				ug/L
100-52-7	Benzaldehyde		U				ug/L
110-86-1	Pyridine		U				ug/L
108-95-2	Phenol		U				ug/L
111-44-4	Bis(2-Chloroethyl)ether		U				ug/L
95-57-8	2-Chlorophenol		U				ug/L
95-48-7	2-Methylphenol		U				ug/L
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/L
98-86-2	Acetophenone		U				ug/L
106-44-5	4-Methylphenol		U				ug/L
621-64-7	N-Nitroso-di-n-propylamine		U				ug/L
67-72-1	Hexachloroethane		U				ug/L
98-95-3	Nitrobenzene		U				ug/L
78-59-1	Isophorone		U				ug/L
88-75-5	2-Nitrophenol		U				ug/L
105-67-9	2,4-Dimethylphenol		U				ug/L
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/L
120-83-2	2,4-Dichlorophenol		U				ug/L
91-20-3	Naphthalene		U				ug/L
106-47-8	4-Chloroaniline		U				ug/L
87-68-3	Hexachlorobutadiene		U				ug/L
105-60-2	Caprolactam		U				ug/L
59-50-7	4-Chloro-3-methylphenol		U				ug/L
90-12-0	1-Methylnaphthalene		U				ug/L
91-57-6	2-Methylnaphthalene		U				ug/L
77-47-4	Hexachlorocyclopentadiene		U				ug/L
88-06-2	2,4,6-Trichlorophenol		U				ug/L
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/L
91-58-7	2-Chloronaphthalene		U				ug/L
88-74-4	2-Nitroaniline		U				ug/L
131-11-3	Dimethylphthalate		U				ug/L
606-20-2	2,6-Dinitrotoluene		U				ug/L
208-96-8	Acenaphthylene		U				ug/L
99-09-2	3-Nitroaniline		U				ug/L
83-32-9	Acenaphthene		U				ug/L
51-28-5	2,4-Dinitrophenol		U				ug/L
100-02-7	4-Nitrophenol		U				ug/L
132-64-9	Dibenzofuran		U				ug/L
121-14-2	2,4-Dinitrotoluene		U				ug/L
84-66-2	Diethylphthalate		U				ug/L
86-73-7	Fluorene		U				ug/L
7005-72-3	4-Chlorophenyl-phenylether		U				ug/L
100-01-6	4-Nitroaniline		U				ug/L
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/L
86-30-6	N-Nitrosodiphenylamine		U				ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/L
101-55-3	4-Bromophenyl-phenylether		U				ug/L
118-74-1	Hexachlorobenzene		U				ug/L
1912-24-9	Atrazine		U				ug/L
87-86-5	Pentachlorophenol		U				ug/L
85-01-8	Phenanthrene		U				ug/L
608-93-5	Pentachlorobenzene		U				ug/L
120-12-7	Anthracene		U				ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/L
86-74-8	Carbazole		U				ug/L
84-74-2	Di-n-butylphthalate		U				ug/L
206-44-0	Fluoranthene		U				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		U				ug/L
85-68-7	Butylbenzylphthalate		U				ug/L
91-94-1	3,3-Dichlorobenzidine		U				ug/L
56-55-3	Benzo(a)anthracene		U				ug/L
218-01-9	Chrysene		U				ug/L
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/L
117-84-0	Di-n-octyl phthalate		U				ug/L
205-99-2	Benzo(b)fluoranthene		U				ug/L
207-08-9	Benzo(k)fluoranthene		U				ug/L
50-32-8	Benzo(a)pyrene		U				ug/L
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/L
53-70-3	Dibenzo(a,h)anthracene		U				ug/L
191-24-2	Benzo(g,h,i)perylene		U				ug/L
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	25-120			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	20-130			SPK: -40
190780-66-6	4-Methylphenol-d8		U	25-125			SPK: -40
4165-60-0	Nitrobenzene-d5		U	20-125			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	20-130			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	20-120			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-146			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	25-130			SPK: -40
93951-97-4	Acenaphthylene-d8		U	10-130			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	25-125			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	25-130			SPK: -40
1718-52-1	Pyrene-d10		U	15-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	20-130			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		U			3.338	
	(DEL) Alkane: Straight-Chain3.374		U			3.374	
033284-50-3	1,1-Biphenyl, 2,4-dichloro-		U			16.652	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-		U			17.299	
015862-07-4	1,1-Biphenyl, 2,4,5-trichloro-		U			17.592	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-		U			18.015	
038444-86-9	1,1-Biphenyl, 2,3,4-trichloro-		U			18.151	
051908-16-8	1,1-Biphenyl, 2,2,3,4,5,5-hexa		U			20.313	
033979-03-2	1,1-Biphenyl, 2,2,4,4,6,6-hexa		U			20.589	
041411-63-6	2,3,4,4,5,6-Hexachloro-1,1-biphe		U			20.906	

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		U				ug/L
100-52-7	Benzaldehyde		U				ug/L
110-86-1	Pyridine		U				ug/L
108-95-2	Phenol		U				ug/L
111-44-4	Bis(2-Chloroethyl)ether		U				ug/L
95-57-8	2-Chlorophenol		U				ug/L
95-48-7	2-Methylphenol		U				ug/L
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/L
98-86-2	Acetophenone		U				ug/L
106-44-5	4-Methylphenol		U				ug/L
621-64-7	N-Nitroso-di-n-propylamine		U				ug/L
67-72-1	Hexachloroethane		U				ug/L
98-95-3	Nitrobenzene		U				ug/L
78-59-1	Isophorone		U				ug/L
88-75-5	2-Nitrophenol		U				ug/L
105-67-9	2,4-Dimethylphenol		U				ug/L
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/L
120-83-2	2,4-Dichlorophenol		U				ug/L
91-20-3	Naphthalene		U				ug/L
106-47-8	4-Chloroaniline		U				ug/L
87-68-3	Hexachlorobutadiene		U				ug/L
105-60-2	Caprolactam		U				ug/L
59-50-7	4-Chloro-3-methylphenol		U				ug/L
90-12-0	1-Methylnaphthalene		U				ug/L
91-57-6	2-Methylnaphthalene		U				ug/L
77-47-4	Hexachlorocyclopentadiene		U				ug/L
88-06-2	2,4,6-Trichlorophenol		U				ug/L
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/L
91-58-7	2-Chloronaphthalene		U				ug/L
88-74-4	2-Nitroaniline		U				ug/L
131-11-3	Dimethylphthalate		U				ug/L
606-20-2	2,6-Dinitrotoluene		U				ug/L
208-96-8	Acenaphthylene		U				ug/L
99-09-2	3-Nitroaniline		U				ug/L
83-32-9	Acenaphthene		U				ug/L
51-28-5	2,4-Dinitrophenol		U				ug/L
100-02-7	4-Nitrophenol		U				ug/L
132-64-9	Dibenzofuran		U				ug/L
121-14-2	2,4-Dinitrotoluene		U				ug/L
84-66-2	Diethylphthalate		U				ug/L
86-73-7	Fluorene		U				ug/L
7005-72-3	4-Chlorophenyl-phenylether		U				ug/L
100-01-6	4-Nitroaniline		U				ug/L
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/L
86-30-6	N-Nitrosodiphenylamine		U				ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/L
101-55-3	4-Bromophenyl-phenylether		U				ug/L
118-74-1	Hexachlorobenzene		U				ug/L
1912-24-9	Atrazine		U				ug/L
87-86-5	Pentachlorophenol		U				ug/L
85-01-8	Phenanthrene		U				ug/L
608-93-5	Pentachlorobenzene		U				ug/L
120-12-7	Anthracene		U				ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/L
86-74-8	Carbazole		U				ug/L
84-74-2	Di-n-butylphthalate		U				ug/L
206-44-0	Fluoranthene		U				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		U				ug/L
85-68-7	Butylbenzylphthalate		U				ug/L
91-94-1	3,3-Dichlorobenzidine		U				ug/L
56-55-3	Benzo(a)anthracene		U				ug/L
218-01-9	Chrysene		U				ug/L
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/L
117-84-0	Di-n-octyl phthalate		U				ug/L
205-99-2	Benzo(b)fluoranthene		U				ug/L
207-08-9	Benzo(k)fluoranthene		U				ug/L
50-32-8	Benzo(a)pyrene		U				ug/L
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/L
53-70-3	Dibenzo(a,h)anthracene		U				ug/L
191-24-2	Benzo(g,h,i)perylene		U				ug/L
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	25-120			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	20-130			SPK: -40
190780-66-6	4-Methylphenol-d8		U	25-125			SPK: -40
4165-60-0	Nitrobenzene-d5		U	20-125			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	20-130			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	20-120			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-146			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	25-130			SPK: -40
93951-97-4	Acenaphthylene-d8		U	10-130			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	25-125			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	25-130			SPK: -40
1718-52-1	Pyrene-d10		U	15-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	20-130			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		U			3.335	
	(DEL) Alkane: Straight-Chain3.376		U			3.376	
036559-22-5	1,1-Biphenyl, 2,2,3,4-tetrachlo		U			18.487	
056558-16-8	1,1-Biphenyl, 2,2,4,6,6-Pentach		U			19.61	
060233-25-2	1,1-Biphenyl, 2,2,3,4,6-Pentach		U			20.05	
074472-37-0	1,1-Biphenyl, 2,3,4,4,5-Pentachl		U			20.362	

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		U				ug/L
100-52-7	Benzaldehyde		U				ug/L
110-86-1	Pyridine		U				ug/L
108-95-2	Phenol		U				ug/L
111-44-4	Bis(2-Chloroethyl)ether		U				ug/L
95-57-8	2-Chlorophenol		U				ug/L
95-48-7	2-Methylphenol		U				ug/L
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/L
98-86-2	Acetophenone		U				ug/L
106-44-5	4-Methylphenol		U				ug/L
621-64-7	N-Nitroso-di-n-propylamine		U				ug/L
67-72-1	Hexachloroethane		U				ug/L
98-95-3	Nitrobenzene		U				ug/L
78-59-1	Isophorone		U				ug/L
88-75-5	2-Nitrophenol		U				ug/L
105-67-9	2,4-Dimethylphenol		U				ug/L
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/L
120-83-2	2,4-Dichlorophenol		U				ug/L
91-20-3	Naphthalene		U				ug/L
106-47-8	4-Chloroaniline		U				ug/L
87-68-3	Hexachlorobutadiene		U				ug/L
105-60-2	Caprolactam		U				ug/L
59-50-7	4-Chloro-3-methylphenol		U				ug/L
90-12-0	1-Methylnaphthalene		U				ug/L
91-57-6	2-Methylnaphthalene		U				ug/L
77-47-4	Hexachlorocyclopentadiene		U				ug/L
88-06-2	2,4,6-Trichlorophenol		U				ug/L
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/L
91-58-7	2-Chloronaphthalene		U				ug/L
88-74-4	2-Nitroaniline		U				ug/L
131-11-3	Dimethylphthalate		U				ug/L
606-20-2	2,6-Dinitrotoluene		U				ug/L
208-96-8	Acenaphthylene		U				ug/L
99-09-2	3-Nitroaniline		U				ug/L
83-32-9	Acenaphthene		U				ug/L
51-28-5	2,4-Dinitrophenol		U				ug/L
100-02-7	4-Nitrophenol		U				ug/L
132-64-9	Dibenzofuran		U				ug/L
121-14-2	2,4-Dinitrotoluene		U				ug/L
84-66-2	Diethylphthalate		U				ug/L
86-73-7	Fluorene		U				ug/L
7005-72-3	4-Chlorophenyl-phenylether		U				ug/L
100-01-6	4-Nitroaniline		U				ug/L
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/L
86-30-6	N-Nitrosodiphenylamine		U				ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/L
101-55-3	4-Bromophenyl-phenylether		U				ug/L
118-74-1	Hexachlorobenzene		U				ug/L
1912-24-9	Atrazine		U				ug/L
87-86-5	Pentachlorophenol		U				ug/L
85-01-8	Phenanthrene		U				ug/L
608-93-5	Pentachlorobenzene		U				ug/L
120-12-7	Anthracene		U				ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/L
86-74-8	Carbazole		U				ug/L
84-74-2	Di-n-butylphthalate		U				ug/L
206-44-0	Fluoranthene		U				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		U				ug/L
85-68-7	Butylbenzylphthalate		U				ug/L
91-94-1	3,3-Dichlorobenzidine		U				ug/L
56-55-3	Benzo(a)anthracene		U				ug/L
218-01-9	Chrysene		U				ug/L
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/L
117-84-0	Di-n-octyl phthalate		U				ug/L
205-99-2	Benzo(b)fluoranthene		U				ug/L
207-08-9	Benzo(k)fluoranthene		U				ug/L
50-32-8	Benzo(a)pyrene		U				ug/L
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/L
53-70-3	Dibenzo(a,h)anthracene		U				ug/L
191-24-2	Benzo(g,h,i)perylene		U				ug/L
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	25-120			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	20-130			SPK: -40
190780-66-6	4-Methylphenol-d8		U	25-125			SPK: -40
4165-60-0	Nitrobenzene-d5		U	20-125			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	20-130			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	20-120			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-146			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	25-130			SPK: -40
93951-97-4	Acenaphthylene-d8		U	10-130			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	25-125			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	25-130			SPK: -40
1718-52-1	Pyrene-d10		U	15-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	20-130			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		U			3.334	
	(DEL) Alkane: Straight-Chain3.370		U			3.37	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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
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
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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.719	
	unknown-02		U			5.129	
000770-35-4	1-Phenoxypropan-2-ol		U			11.598	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-		U			15.928	
016605-91-7	1,1-Biphenyl, 2,3-dichloro-		U			16.533	
033284-50-3	1,1-Biphenyl, 2,4-dichloro-		U			16.651	
001002-84-2	Pentadecanoic acid		U			16.815	
038444-78-9	2,2,3-Trichloro-1,1-biphenyl		U			16.956	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-		U			17.297	
037680-66-3	2,2,4-Trichloro-1,1-biphenyl		U			17.338	
016606-02-3	1,1-Biphenyl, 2,4,5-trichloro-		U			17.873	
055702-46-0	1,1-Biphenyl, 2,3,4-trichloro-		U			18.014	
003537-83-5	Oxacyclopentadecan-2-one		U			18.184	
000057-10-3	n-Hexadecanoic acid		U			18.314	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo		U			18.49	
060233-24-1	1,1-Biphenyl, 2,3,4,6-Tetrachlor		U			18.549	
041464-43-1	1,1-Biphenyl, 2,3,3,4-tetrachlo		U			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		U			21.022	
	(DEL) Alkane: Straight-Chain	21.334	U			21.334	
007683-64-9	Supraene		U			23.384	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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-		U			6.681	
	(DEL) Alkane: Cyclic8.338		U			8.338	
	(DEL) Alkane: Straight-Chain8.573		U			8.573	
	(DEL) Alkane: Straight-Chain8.702		U			8.702	
	(DEL) Alkane: Straight-Chain8.814		U			8.814	
000099-87-6	p-Cymene		U			9.161	
	unknown-01		U			9.408	
	(DEL) Alkane: Straight-Chain9.531		U			9.531	
	(DEL) Alkane: Straight-Chain9.695		U			9.695	
018368-95-1	1,3,8-p-Menthatriene		U			9.742	
002958-76-1	Naphthalene, decahydro-2-methyl-		U			9.778	
002958-75-0	1-Methyldecahydronaphthalene		U			10.042	
	(DEL) Alkane: Straight-Chain10.107		U			10.107	
	(DEL) Alkane: Straight-Chain10.201		U			10.201	
000527-84-4	o-Cymene		U			10.271	
	(DEL) Alkane: Straight-Chain10.383		U			10.383	
	unknown-02		U			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		U			10.718	
	(DEL) Alkane: Cyclic10.753		U			10.753	
	unknown-03		U			11.082	
	(DEL) Alkane: Straight-Chain11.141		U			11.141	
	Benzene, pentamethyl-		U			11.235	
134329-46-7	(DEL) Alkane: Straight-Chain11.352		U			11.352	
	unknown-04		U			11.417	
	1,5,6,7-Tetramethylbicyclo[3.2.0]h		U			11.488	
	unknown-05		U			11.523	
	(DEL) Alkane: Cyclic11.564		U			11.564	
017057-82-8	(DEL) Alkane: Straight-Chain11.617		U			11.617	
	(DEL) Alkane: Straight-Chain11.693		U			11.693	
	(DEL) Alkane: Straight-Chain11.775		U			11.775	
	(DEL) Alkane: Straight-Chain11.881		U			11.881	
	1H-Indene, 2,3-dihydro-1,2-dimethy		U			11.963	
	unknown-06		U			12.057	
	(DEL) Alkane: Cyclic12.357		U			12.357	
	unknown-07		U			12.41	
	unknown-08		U			12.592	
	(DEL) Alkane: Cyclic12.668		U			12.668	
	(DEL) Alkane: Straight-Chain12.903		U			12.903	
	(DEL) Alkane: Cyclic12.968		U			12.968	
	(DEL) Alkane: Straight-Chain13.174		U			13.174	
	(DEL) Alkane: Straight-Chain13.227		U			13.227	
	unknown-09		U			13.291	
000573-98-8	(DEL) Alkane: Straight-Chain13.603		U			13.603	
	unknown-10		U			13.673	
	Naphthalene, 1,2-dimethyl-		U			13.72	
000575-41-7	unknown-11		U			13.744	
	Naphthalene, 1,3-dimethyl-		U			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		U			14.167	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna		U			14.225	
	unknown-12		U			14.519	
002131-42-2	Naphthalene, 1,4,6-trimethyl-		U			15.083	
	(DEL) Alkane: Cyclic15.207		U			15.207	
000829-26-5	Naphthalene, 2,3,6-trimethyl-		U			15.307	
	unknown-13		U			15.406	
000529-05-5	Chamazulene		U			15.477	
	(DEL) Alkane: Straight-Chain15.583		U			15.583	
	(DEL) Alkane: Straight-Chain15.935		U			15.935	
	(DEL) Alkane: Cyclic16.147		U			16.147	
	(DEL) Alkane: Straight-Chain16.417		U			16.417	
002717-39-7	1,4,5,8-Tetramethylnaphthalene		U			16.975	
	(DEL) Alkane: Straight-Chain17.234		U			17.234	
	(DEL) Alkane: Straight-Chain17.839		U			17.839	
1000309-18-0	Sulfurous acid, butyl tridecyl est		U			19.977	

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		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.728	
000770-35-4	1-Phenoxypropan-2-ol		U			11.601	
	(DEL) Alkane: Straight-Chain	21.331	U			21.331	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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)-		U			6.683	
	(DEL) Alkane: Straight-Chain8.575		U			8.575	
	(DEL) Alkane: Straight-Chain8.634		U			8.634	
	(DEL) Alkane: Straight-Chain8.810		U			8.81	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-		U			9.163	
	(DEL) Alkane: Cyclic9.368		U			9.368	
	unknown-01		U			9.409	
	(DEL) Alkane: Straight-Chain9.533		U			9.533	
	(DEL) Alkane: Straight-Chain9.633		U			9.633	
	(DEL) Alkane: Straight-Chain9.691		U			9.691	
002547-27-5	trans-4a-Methyl-decahydronaphthale		U			10.044	
	(DEL) Alkane: Straight-Chain10.109		U			10.109	
	(DEL) Alkane: Straight-Chain10.197		U			10.197	
000527-84-4	o-Cymene		U			10.273	
	(DEL) Alkane: Straight-Chain10.385		U			10.385	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropy		U			10.567	
002890-62-2	Ethanone, 1-(1-methylcyclohexyl)-		U			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		U			11.078	
	unknown-03		U			11.143	
004218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)		U			11.237	
	(DEL) Alkane: Straight-Chain11.354		U			11.354	
	unknown-04		U			11.413	
	unknown-05		U			11.525	
	(DEL) Alkane: Cyclic11.566		U			11.566	
	(DEL) Alkane: Straight-Chain11.618		U			11.618	
003664-75-3	Ethanone, 1-(2,2-dimethylcyclopent		U			11.695	
	(DEL) Alkane: Straight-Chain11.777		U			11.777	
	(DEL) Alkane: Straight-Chain11.883		U			11.883	
	(DEL) Alkane: Cyclic11.918		U			11.918	
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethy		U			11.965	
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-		U			12.059	
	(DEL) Alkane: Straight-Chain12.142		U			12.142	
	(DEL) Alkane: Straight-Chain12.406		U			12.406	
	unknown-06		U			12.594	
	(DEL) Alkane: Straight-Chain12.899		U			12.899	
	(DEL) Alkane: Cyclic12.964		U			12.964	
	(DEL) Alkane: Straight-Chain13.005		U			13.005	
	(DEL) Alkane: Straight-Chain13.176		U			13.176	
	(DEL) Alkane: Straight-Chain13.223		U			13.223	
055638-51-2	3,5-Dodecadiene, 2-methyl-		U			13.287	
000575-41-7	Naphthalene, 1,3-dimethyl-		U			13.851	
000581-40-8	Naphthalene, 2,3-dimethyl-		U			14.016	
	(DEL) Alkane: Straight-Chain14.169		U			14.169	
	unknown-07		U			14.221	
	unknown-08		U			14.521	
	unknown-09		U			14.592	
002131-42-2	Naphthalene, 1,4,6-trimethyl-		U			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-		U			15.162	
	(DEL) Alkane: Straight-Chain15.203		U			15.203	
002245-38-7	Naphthalene, 1,6,7-trimethyl-		U			15.308	
	unknown-10		U			15.402	
	unknown-11		U			15.473	
	(DEL) Alkane: Straight-Chain15.579		U			15.579	
	(DEL) Alkane: Straight-Chain15.931		U			15.931	
001689-64-1	9H-Fluoren-9-ol		U			16.019	
	(DEL) Alkane: Cyclic16.143		U			16.143	
	(DEL) Alkane: Straight-Chain16.331		U			16.331	
	(DEL) Alkane: Straight-Chain16.413		U			16.413	
	unknown-12		U			16.789	
003031-15-0	Naphthalene, 1,2,3,4-tetramethyl-		U			16.971	
	(DEL) Alkane: Straight-Chain17.230		U			17.23	
	(DEL) Alkane: Straight-Chain17.835		U			17.835	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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
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
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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.722	
000770-35-4	1-Phenoxypropan-2-ol		U			11.595	
	(DEL) Alkane: Straight-Chain	21.331	U			21.331	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.728	
000770-35-4	1-Phenoxypropan-2-ol		U			11.595	
000297-35-8	Cyclotriacontane		U			21.331	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			11.593	
	(DEL) Alkane: Cyclic	21.335	U			21.335	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.725	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-		U			7.632	
000770-35-4	1-Phenoxypropan-2-ol		U			11.598	
1000309-24-5	Oxalic acid, allyl octadecyl ester		U			21.333	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			11.596	
959085-66-6	Heptadecyl heptafluorobutyrate		U			21.332	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			18.306	
000400-57-7	Heptafluorobutyric acid, n-octadec		U			21.331	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.723	
000770-35-4	1-Phenoxypropan-2-ol		U			11.596	
002136-70-1	Ethanol, 2-(tetradecyloxy)-		U			21.332	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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				

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			11.597	
000057-10-3	n-Hexadecanoic acid		U			18.307	
1010351-83-6	Octacosyl heptafluorobutyrate		U			21.333	
	(DEL) Alkane: Straight-Chain	22.491	U			22.491	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Level :	LOW
Decanted :			
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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.729	
	unknown-01		U			3.988	
	unknown-02		U			5.133	
001119-40-0	Pentanedioic acid, dimethyl ester		U			9.769	
000065-85-0	Benzoic acid		U			10.098	
000770-35-4	1-Phenoxypropan-2-ol		U			11.596	
014191-95-8	Benzeneacetonitrile, 4-hydroxy-		U			12.536	
015862-07-4	1,1-Biphenyl, 2,4,5-trichloro-		U			18.018	
000057-10-3	n-Hexadecanoic acid		U			18.306	
033025-41-1	1,1-Biphenyl, 2,3,4,4-tetrachlor		U			18.488	
032690-93-0	Biphenyl, 2,4,4,5-tetrachloro-		U			18.594	
074472-33-6	2,3,3,6-Tetrachloro-1,1-biphenyl		U			19.299	
	(DEL) Alkane: Straight-Chain21.338		U			21.338	
	(DEL) Alkane: Cyclic22.519		U			22.519	
000638-66-4	Octadecanal		U			23.541	
	(DEL) Alkane: Straight-Chain24.011		U			24.011	
	(DEL) Alkane: Straight-Chain24.070		U			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	U			26.109	

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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				

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		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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
129-00-0	Pyrene		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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				

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
TARGETS							
123-91-1	1,4-Dioxane		U				ug/Kg
100-52-7	Benzaldehyde		U				ug/Kg
110-86-1	Pyridine		U				ug/Kg
108-95-2	Phenol		U				ug/Kg
111-44-4	Bis(2-Chloroethyl)ether		U				ug/Kg
95-57-8	2-Chlorophenol		U				ug/Kg
95-48-7	2-Methylphenol		U				ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)		U				ug/Kg
98-86-2	Acetophenone		U				ug/Kg
106-44-5	4-Methylphenol		U				ug/Kg
621-64-7	N-Nitroso-di-n-propylamine		U				ug/Kg
67-72-1	Hexachloroethane		U				ug/Kg
98-95-3	Nitrobenzene		U				ug/Kg
78-59-1	Isophorone		U				ug/Kg
88-75-5	2-Nitrophenol		U				ug/Kg
105-67-9	2,4-Dimethylphenol		U				ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane		U				ug/Kg
120-83-2	2,4-Dichlorophenol		U				ug/Kg
91-20-3	Naphthalene		U				ug/Kg
106-47-8	4-Chloroaniline		U				ug/Kg
87-68-3	Hexachlorobutadiene		U				ug/Kg
105-60-2	Caprolactam		U				ug/Kg
59-50-7	4-Chloro-3-methylphenol		U				ug/Kg
90-12-0	1-Methylnaphthalene		U				ug/Kg
91-57-6	2-Methylnaphthalene		U				ug/Kg
77-47-4	Hexachlorocyclopentadiene		U				ug/Kg
88-06-2	2,4,6-Trichlorophenol		U				ug/Kg
95-95-4	2,4,5-Trichlorophenol		U				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		U				ug/Kg
91-58-7	2-Chloronaphthalene		U				ug/Kg
88-74-4	2-Nitroaniline		U				ug/Kg
131-11-3	Dimethylphthalate		U				ug/Kg
606-20-2	2,6-Dinitrotoluene		U				ug/Kg
208-96-8	Acenaphthylene		U				ug/Kg
99-09-2	3-Nitroaniline		U				ug/Kg
83-32-9	Acenaphthene		U				ug/Kg
51-28-5	2,4-Dinitrophenol		U				ug/Kg
100-02-7	4-Nitrophenol		U				ug/Kg
132-64-9	Dibenzofuran		U				ug/Kg
121-14-2	2,4-Dinitrotoluene		U				ug/Kg
84-66-2	Diethylphthalate		U				ug/Kg
86-73-7	Fluorene		U				ug/Kg
7005-72-3	4-Chlorophenyl-phenylether		U				ug/Kg
100-01-6	4-Nitroaniline		U				ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol		U				ug/Kg
86-30-6	N-Nitrosodiphenylamine		U				ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene		U				ug/Kg
101-55-3	4-Bromophenyl-phenylether		U				ug/Kg
118-74-1	Hexachlorobenzene		U				ug/Kg
1912-24-9	Atrazine		U				ug/Kg
87-86-5	Pentachlorophenol		U				ug/Kg
85-01-8	Phenanthrene		U				ug/Kg
608-93-5	Pentachlorobenzene		U				ug/Kg
120-12-7	Anthracene		U				ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene		U				ug/Kg
86-74-8	Carbazole		U				ug/Kg
84-74-2	Di-n-butylphthalate		U				ug/Kg
206-44-0	Fluoranthene		U				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		U				ug/Kg
85-68-7	Butylbenzylphthalate		U				ug/Kg
91-94-1	3,3-Dichlorobenzidine		U				ug/Kg
56-55-3	Benzo(a)anthracene		U				ug/Kg
218-01-9	Chrysene		U				ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate		U				ug/Kg
117-84-0	Di-n-octyl phthalate		U				ug/Kg
205-99-2	Benzo(b)fluoranthene		U				ug/Kg
207-08-9	Benzo(k)fluoranthene		U				ug/Kg
50-32-8	Benzo(a)pyrene		U				ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene		U				ug/Kg
53-70-3	Dibenzo(a,h)anthracene		U				ug/Kg
191-24-2	Benzo(g,h,i)perylene		U				ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol		U				ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8		U	15-120			SPK: -8
7291-22-7	Pyridine-d5		U	20-120			SPK: -40
4165-62-2	Phenol-d5		U	10-130			SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8		U	10-150			SPK: -40
93951-73-6	2-Chlorophenol-d4		U	15-120			SPK: -40
190780-66-6	4-Methylphenol-d8		U	10-140			SPK: -40
4165-60-0	Nitrobenzene-d5		U	10-135			SPK: -40
93951-78-1	2-Nitrophenol-d4		U	10-120			SPK: -40
93951-74-7	2,4-Dichlorophenol-d3		U	10-140			SPK: -40
191656-33-4	4-Chloroaniline-d4		U	1-145			SPK: -40
85448-30-2	Dimethylphthalate-d6		U	10-145			SPK: -40
93951-97-4	Acenaphthylene-d8		U	15-120			SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150			SPK: -40
81103-79-9	Fluorene-d10		U	20-140			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		U	10-130			SPK: -40
1719-06-8	Anthracene-d10		U	10-150			SPK: -40
1718-52-1	Pyrene-d10		U	10-130			SPK: -40
63466-71-7	Benzo(a)pyrene-d12		U	10-140			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		U			3.734	
000079-39-0	Methacrylamide		U			3.992	
017612-35-0	Oxirane, 2,2-dimethyl-3-propyl-		U			4.774	
1000186-02-3	Acetic acid, 3-[1,3]dioxolan-2-ylp		U			5.132	
056960-89-5	Guanidine, monothiocyanate		U			5.226	
001119-40-0	Pentanedioic acid, dimethyl ester		U			9.768	
000770-35-4	1-Phenoxypropan-2-ol		U			11.601	
	unknown-01		U			15.026	
000057-10-3	n-Hexadecanoic acid		U			18.311	
000832-64-4	Phenanthrene, 4-methyl-		U			18.346	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro		U			18.493	
	(DEL) Alkane: Straight-Chain20.308		U			20.308	
	(DEL) Alkane: Straight-Chain20.332		U			20.332	
	(DEL) Alkane: Straight-Chain21.331		U			21.331	
1000351-83-8	Heneicosyl heptafluorobutyrate		U			22.512	
002400-66-0	Eicosanal-		U			23.546	
	(DEL) Alkane: Straight-Chain24.010		U			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		U			24.069	
057402-36-5	Docosanal		U			25.485	
	(DEL) Alkane: Straight-Chain26.108		U			26.108	
	(DEL) Alkane: Straight-Chain26.237		U			26.237	



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	Parameter	Concentration	C	MDL	RDL	Units
Client ID :							

Total Concentration:

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG062024SAS No.: BG062024SDG No.: BG062024

Instrument ID: _____

Calibration Date(s): 6/20/2024 :Calibration Time(s): 13:45

LAB FILE ID:		RRF _{FAL1} = BG061604.D		RRF _{FAL2} = BG061605.D		RRF _{FAL3} = BG061606.D		
		RRF _{FAL4} = BG061607.D		RRF _{FAL5} = BG061608.D		RRF _{FAL6} = BG061609.D		
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	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.

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

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

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

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

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

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
AR1660 50PPM	AR1660 50PPM	BG061818.D	07/01/2024
AR1254 50PPM	AR1254 50PPM	BG061819.D	07/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK602

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG070124SAS No.: BG070124 SDG NO.: BG070124Lab File ID: BG061806.DLab Sample ID: PB161602BLInstrument ID: BNA_GDate Extracted: 06/20/2024Matrix: (soil/water) SolidDate Analyzed: 07/01/2024Level: (low/med) LOWTime 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
A4BQ2	P2963-04	BG061838.D	07/02/2024
A4CS3MSD	P2963-24MSD	BG061837.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



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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
			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
P2871-10	A4C60	BG061812.D	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,
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
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
P2963-21	A4B44	BG061834.D	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
			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

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
P2963-23MS	A4CS3MS	BG061836.D	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
			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