

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062124 SAS No.: BG062124 SDG No.: BG062124

Instrument ID: BNA_G Calibration Date/Time: 6/21/2024 1:09:09

Lab File ID: BG061612.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020527 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	0.650	0.010	-5.4897	40.0
Benzaldehyde	1.068	1.261	0.010	18.0681	40.0
Pyridine	1.799	1.726	0.010	-4.0849	40.0
Phenol	2.285	2.219	0.080	-2.8933	20.0
Bis(2-Chloroethyl)ether	1.720	1.751	0.100	1.8415	20.0
2-Chlorophenol	1.495	1.541	0.200	3.0906	20.0
2-Methylphenol	1.599	1.608	0.010	0.5979	20.0
2,2-oxybis(1-Chloropropane)	3.513	3.586	0.010	2.081	40.0
Acetophenone	2.764	2.783	0.060	0.6966	20.0
4-Methylphenol	1.791	1.847	0.010	3.1361	20.0
N-Nitroso-di-n-propylamine	1.485	1.458	0.050	-1.7681	30.0
Hexachloroethane	0.599	0.595	0.100	-0.7124	20.0
Nitrobenzene	0.391	0.401	0.050	2.5074	25.0
Isophorone	0.900	0.920	0.050	2.222	25.0
2-Nitrophenol	0.144	0.150	0.050	4.614	25.0
2,4-Dimethylphenol	0.402	0.413	0.050	2.6043	25.0
Bis(2-Chloroethoxy)methane	0.509	0.522	0.050	2.645	20.0
2,4-Dichlorophenol	0.298	0.301	0.060	0.9001	20.0
Naphthalene	1.119	1.095	0.200	-2.1815	20.0
4-Chloroaniline	0.489	0.491	0.010	0.3705	40.0
Hexachlorobutadiene	0.206	0.221	0.040	7.4084	30.0
Caprolactam	0.123	0.137	0.010	10.644	40.0
4-Chloro-3-methylphenol	0.417	0.416	0.040	-0.3732	25.0
1-Methylnaphthalene	0.843	0.823	0.100	-2.2767	20.0
2-Methylnaphthalene	0.790	0.803	0.100	1.6334	20.0
Hexachlorocyclopentadiene	0.337	0.309	0.010	-8.1378	40.0
2,4,6-Trichlorophenol	0.365	0.365	0.090	-0.1387	25.0
2,4,5-Trichlorophenol	0.398	0.406	0.100	2.062	25.0
1,1-Biphenyl	1.449	1.426	0.200	-1.5851	20.0
2-Chloronaphthalene	1.113	1.096	0.300	-1.4803	20.0
2-Nitroaniline	0.381	0.365	0.050	-4.2815	40.0
Dimethylphthalate	1.528	1.492	0.300	-2.3806	20.0
2,6-Dinitrotoluene	0.254	0.247	0.080	-2.424	30.0
Acenaphthylene	1.883	1.848	0.400	-1.8564	20.0
3-Nitroaniline	0.260	0.278	0.010	6.9553	40.0
Acenaphthene	1.304	1.311	0.200	0.576	20.0
2,4-Dinitrophenol	0.129	0.107	0.010	-17.2253	40.0
4-Nitrophenol	0.273	0.258	0.010	-5.6215	40.0
Dibenzofuran	1.825	1.811	0.300	-0.7287	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062124 SAS No.: BG062124 SDG No.: BG062124

Instrument ID: BNA_G Calibration Date/Time: 6/21/2024 1:09:09

Lab File ID: BG061612.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020527 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	0.392	0.070	4.1297	30.0
Diethylphthalate	1.574	1.602	0.300	1.7967	20.0
Fluorene	1.510	1.552	0.200	2.8093	20.0
4-Chlorophenyl-phenylether	0.750	0.749	0.100	-0.1236	20.0
4-Nitroaniline	0.275	0.302	0.010	9.8872	40.0
4,6-Dinitro-2-methylphenol	0.097	0.084	0.010	-13.6916	40.0
N-Nitrosodiphenylamine	0.517	0.526	0.050	1.6241	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.552	0.100	-2.5612	20.0
4-Bromophenyl-phenylether	0.206	0.203	0.070	-1.3922	20.0
Hexachlorobenzene	0.250	0.243	0.050	-2.8796	25.0
Atrazine	0.207	0.215	0.010	4.2711	25.0
Pentachlorophenol	0.152	0.134	0.010	-11.8213	40.0
Phenanthrene	1.052	1.052	0.200	-0.0651	20.0
Pentachlorobenzene	0.268	0.260	0.050	-2.8666	20.0
Anthracene	1.076	1.091	0.200	1.4415	20.0
1,2,3,4-Tetrachlorobenzene	0.223	0.220	0.050	-1.3642	20.0
Carbazole	0.914	0.974	0.050	6.5719	40.0
Di-n-butylphthalate	1.093	1.134	0.500	3.8152	25.0
Fluoranthene	1.296	1.311	0.400	1.1638	25.0
Pyrene	1.378	1.391	0.400	0.9349	25.0
Butylbenzylphthalate	0.502	0.532	0.100	6.0324	40.0
3,3-Dichlorobenzidine	0.423	0.453	0.010	7.1272	40.0
Benzo (a) anthracene	1.404	1.426	0.300	1.5764	30.0
Chrysene	1.328	1.333	0.200	0.3652	30.0
Bis(2-ethylhexyl)phthalate	0.738	0.746	0.200	1.1433	40.0
Di-n-octyl phthalate	1.055	1.054	0.010	-0.1131	40.0
Benzo (b) fluoranthene	1.202	1.219	0.200	1.3907	25.0
Benzo (k) fluoranthene	1.236	1.235	0.200	-0.0916	25.0
Benzo (a) pyrene	1.157	1.159	0.200	0.1301	20.0
Indeno (1,2,3-cd) pyrene	1.442	1.403	0.200	-2.7072	25.0
Dibenzo (a,h) anthracene	1.199	1.187	0.200	-1.0578	30.0
Benzo (g,h,i) perylene	1.163	1.148	0.200	-1.2584	30.0
2,3,4,6-Tetrachlorophenol	0.390	0.385	0.040	-1.4373	20.0
1,4-Dioxane-d8	0.554	0.603	0.010	8.9282	25.0
Pyridine-d5	1.674	1.754	0.010	4.7789	40.0
Phenol-d5	2.171	2.151	0.010	-0.9465	25.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.337	0.050	-1.2471	25.0
2-Chlorophenol-d4	1.490	1.494	0.200	0.256	20.0
4-Methylphenol-d8	1.678	1.664	0.010	-0.8904	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG062124 SAS No.: BG062124 SDG No.: BG062124
Instrument ID: BNA_G Calibration Date/Time: 6/21/2024 1:09:09
Lab File ID: BG061612.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020527 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.136	0.050	-0.0757	20.0
2-Nitrophenol-d4	0.138	0.142	0.050	3.5873	30.0
2,4-Dichlorophenol-d3	0.326	0.319	0.060	-2.0306	20.0
4-Chloroaniline-d4	0.493	0.502	0.010	1.8014	40.0
Dimethylphthalate-d6	1.539	1.584	0.300	2.9359	20.0
Acenaphthylene-d8	1.687	1.685	0.400	-0.0773	20.0
4-Nitrophenol-d4	0.264	0.279	0.010	5.4872	40.0
Fluorene-d10	1.347	1.362	0.100	1.0598	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.067	0.010	-22.1995	40.0
Anthracene-d10	0.913	0.936	0.300	2.4759	20.0
Pyrene-d10	1.117	1.137	0.300	1.7803	25.0
Benzo(a)pyrene-d12	0.955	0.949	0.010	-0.6302	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.: BG062124 SAS No.: BG062124 SDG No.: BG062124

Instrument ID: BNA_G Calibration Date/Time: 6/21/2024 1:16:52

Lab File ID: BG061623.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020528 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	0.551	0.010	-19.9157	40.0
Benzaldehyde	1.068	1.210	0.010	13.2839	40.0
Pyridine	1.799	1.750	0.010	-2.7678	40.0
Phenol	2.285	2.138	0.080	-6.4165	20.0
Bis(2-Chloroethyl)ether	1.720	1.602	0.100	-6.8226	20.0
2-Chlorophenol	1.495	1.450	0.200	-3.0205	20.0
2-Methylphenol	1.599	1.505	0.010	-5.8499	20.0
2,2-oxybis(1-Chloropropane)	3.513	3.433	0.010	-2.2891	40.0
Acetophenone	2.764	2.620	0.060	-5.2032	20.0
4-Methylphenol	1.791	1.606	0.010	-10.2958	20.0
N-Nitroso-di-n-propylamine	1.485	1.349	0.050	-9.171	30.0
Hexachloroethane	0.599	0.630	0.100	5.0722	20.0
Nitrobenzene	0.391	0.415	0.050	5.9766	25.0
Isophorone	0.900	0.816	0.050	-9.2675	25.0
2-Nitrophenol	0.144	0.163	0.050	13.675	25.0
2,4-Dimethylphenol	0.402	0.390	0.050	-2.9187	25.0
Bis(2-Chloroethoxy)methane	0.509	0.469	0.050	-7.8025	20.0
2,4-Dichlorophenol	0.298	0.299	0.060	0.2108	20.0
Naphthalene	1.119	1.077	0.200	-3.8022	20.0
4-Chloroaniline	0.489	0.464	0.010	-5.1229	40.0
Hexachlorobutadiene	0.206	0.219	0.040	6.4257	30.0
Caprolactam	0.123	0.117	0.010	-5.3461	40.0
4-Chloro-3-methylphenol	0.417	0.399	0.040	-4.4311	25.0
1-Methylnaphthalene	0.843	0.781	0.100	-7.342	20.0
2-Methylnaphthalene	0.790	0.762	0.100	-3.5055	20.0
Hexachlorocyclopentadiene	0.337	0.339	0.010	0.5266	40.0
2,4,6-Trichlorophenol	0.365	0.380	0.090	4.1905	25.0
2,4,5-Trichlorophenol	0.398	0.430	0.100	7.9526	25.0
1,1-Biphenyl	1.449	1.479	0.200	2.0758	20.0
2-Chloronaphthalene	1.113	1.162	0.300	4.4253	20.0
2-Nitroaniline	0.381	0.428	0.050	12.4191	40.0
Dimethylphthalate	1.528	1.443	0.300	-5.6115	20.0
2,6-Dinitrotoluene	0.254	0.280	0.080	10.4813	30.0
Acenaphthylene	1.883	1.866	0.400	-0.9095	20.0
3-Nitroaniline	0.260	0.290	0.010	11.8047	40.0
Acenaphthene	1.304	1.281	0.200	-1.7305	20.0
2,4-Dinitrophenol	0.129	0.108	0.010	-16.3416	40.0
4-Nitrophenol	0.273	0.278	0.010	1.9764	40.0
Dibenzofuran	1.825	1.797	0.300	-1.5269	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062124 SAS No.: BG062124 SDG No.: BG062124

Instrument ID: BNA_G Calibration Date/Time: 6/21/2024 1:16:52

Lab File ID: BG061623.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020528 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	0.405	0.070	7.6986	30.0
Diethylphthalate	1.574	1.528	0.300	-2.9153	20.0
Fluorene	1.510	1.513	0.200	0.1693	20.0
4-Chlorophenyl-phenylether	0.750	0.749	0.100	-0.0421	20.0
4-Nitroaniline	0.275	0.294	0.010	6.9831	40.0
4,6-Dinitro-2-methylphenol	0.097	0.087	0.010	-10.448	40.0
N-Nitrosodiphenylamine	0.517	0.520	0.050	0.446	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.585	0.100	3.4121	20.0
4-Bromophenyl-phenylether	0.206	0.210	0.070	2.2014	20.0
Hexachlorobenzene	0.250	0.253	0.050	1.138	25.0
Atrazine	0.207	0.196	0.010	-4.9629	25.0
Pentachlorophenol	0.152	0.153	0.010	0.228	40.0
Phenanthrene	1.052	1.017	0.200	-3.3416	20.0
Pentachlorobenzene	0.268	0.275	0.050	2.5931	20.0
Anthracene	1.076	1.039	0.200	-3.4648	20.0
1,2,3,4-Tetrachlorobenzene	0.223	0.246	0.050	10.3056	20.0
Carbazole	0.914	0.926	0.050	1.3493	40.0
Di-n-butylphthalate	1.093	1.078	0.500	-1.3547	25.0
Fluoranthene	1.296	1.352	0.400	4.305	25.0
Pyrene	1.378	1.403	0.400	1.8134	25.0
Butylbenzylphthalate	0.502	0.568	0.100	13.1772	40.0
3,3-Dichlorobenzidine	0.423	0.497	0.010	17.6312	40.0
Benzo (a) anthracene	1.404	1.444	0.300	2.8757	30.0
Chrysene	1.328	1.339	0.200	0.7731	30.0
Bis(2-ethylhexyl)phthalate	0.738	0.811	0.200	10.0082	40.0
Di-n-octyl phthalate	1.055	1.161	0.010	10.0568	40.0
Benzo (b) fluoranthene	1.202	1.199	0.200	-0.2983	25.0
Benzo (k) fluoranthene	1.236	1.239	0.200	0.2233	25.0
Benzo (a) pyrene	1.157	1.144	0.200	-1.17	20.0
Indeno (1,2,3-cd) pyrene	1.442	1.455	0.200	0.8906	25.0
Dibenzo (a,h) anthracene	1.199	1.210	0.200	0.9262	30.0
Benzo (g,h,i) perylene	1.163	1.182	0.200	1.6641	30.0
2,3,4,6-Tetrachlorophenol	0.390	0.399	0.040	2.2995	20.0
1,4-Dioxane-d8	0.554	0.539	0.010	-2.5787	25.0
Pyridine-d5	1.674	1.640	0.010	-2.0351	40.0
Phenol-d5	2.171	2.055	0.010	-5.3557	25.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.291	0.050	-4.626	25.0
2-Chlorophenol-d4	1.490	1.431	0.200	-3.9798	20.0
4-Methylphenol-d8	1.678	1.609	0.010	-4.1186	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG062124 SAS No.: BG062124 SDG No.: BG062124
 Instrument ID: BNA_G Calibration Date/Time: 6/21/2024 1:16:52
 Lab File ID: BG061623.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020528 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.145	0.050	7.1313	20.0
2-Nitrophenol-d4	0.138	0.160	0.050	16.2539	30.0
2,4-Dichlorophenol-d3	0.326	0.311	0.060	-4.6142	20.0
4-Chloroaniline-d4	0.493	0.465	0.010	-5.7835	40.0
Dimethylphthalate-d6	1.539	1.497	0.300	-2.759	20.0
Acenaphthylene-d8	1.687	1.721	0.400	2.0393	20.0
4-Nitrophenol-d4	0.264	0.279	0.010	5.4031	40.0
Fluorene-d10	1.347	1.357	0.100	0.7091	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.077	0.010	-9.6256	40.0
Anthracene-d10	0.913	0.902	0.300	-1.149	20.0
Pyrene-d10	1.117	1.149	0.300	2.8908	25.0
Benzo(a)pyrene-d12	0.955	0.983	0.010	2.9046	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.: BG062124 SAS No.: BG062124 SDG No.: BG062124

Instrument ID: BNA_G Calibration Date/Time: 6/22/2024 1:04:30

Lab File ID: BG061639.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020529 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	0.623	0.010	-9.4797	50.0
Benzaldehyde	1.068	1.281	0.010	19.9128	50.0
Pyridine	1.799	1.652	0.010	-8.1905	50.0
Phenol	2.285	2.234	0.080	-2.2159	50.0
Bis(2-Chloroethyl)ether	1.720	1.601	0.100	-6.8813	50.0
2-Chlorophenol	1.495	1.551	0.200	3.789	50.0
2-Methylphenol	1.599	1.583	0.010	-0.9547	50.0
2,2-oxybis(1-Chloropropane)	3.513	3.433	0.010	-2.2887	50.0
Acetophenone	2.764	2.590	0.060	-6.2927	50.0
4-Methylphenol	1.791	1.749	0.010	-2.3409	50.0
N-Nitroso-di-n-propylamine	1.485	1.352	0.050	-8.9044	50.0
Hexachloroethane	0.599	0.621	0.100	3.6055	50.0
Nitrobenzene	0.391	0.421	0.050	7.4903	50.0
Isophorone	0.900	0.826	0.050	-8.2331	50.0
2-Nitrophenol	0.144	0.166	0.050	15.4731	50.0
2,4-Dimethylphenol	0.402	0.401	0.050	-0.2704	50.0
Bis(2-Chloroethoxy)methane	0.509	0.491	0.050	-3.5228	50.0
2,4-Dichlorophenol	0.298	0.304	0.060	1.9015	50.0
Naphthalene	1.119	1.099	0.200	-1.7684	50.0
4-Chloroaniline	0.489	0.477	0.010	-2.4932	50.0
Hexachlorobutadiene	0.206	0.222	0.040	7.8466	50.0
Caprolactam	0.123	0.120	0.010	-2.5085	50.0
4-Chloro-3-methylphenol	0.417	0.428	0.040	2.517	50.0
1-Methylnaphthalene	0.843	0.794	0.100	-5.7985	50.0
2-Methylnaphthalene	0.790	0.780	0.100	-1.2383	50.0
Hexachlorocyclopentadiene	0.337	0.249	0.010	-26.1816	50.0
2,4,6-Trichlorophenol	0.365	0.387	0.090	6.0317	50.0
2,4,5-Trichlorophenol	0.398	0.428	0.100	7.5205	50.0
1,1-Biphenyl	1.449	1.431	0.200	-1.2121	50.0
2-Chloronaphthalene	1.113	1.136	0.300	2.0958	50.0
2-Nitroaniline	0.381	0.456	0.050	19.6353	50.0
Dimethylphthalate	1.528	1.407	0.300	-7.9373	50.0
2,6-Dinitrotoluene	0.254	0.285	0.080	12.1979	50.0
Acenaphthylene	1.883	1.875	0.400	-0.4384	50.0
3-Nitroaniline	0.260	0.301	0.010	15.9125	50.0
Acenaphthene	1.304	1.285	0.200	-1.4311	50.0
2,4-Dinitrophenol	0.129	0.125	0.010	-2.7896	50.0
4-Nitrophenol	0.273	0.285	0.010	4.4768	50.0
Dibenzofuran	1.825	1.816	0.300	-0.47	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG062124 SAS No.: BG062124 SDG No.: BG062124
Instrument ID: BNA_G Calibration Date/Time: 6/22/2024 1:04:30
Lab File ID: BG061639.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020529 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	0.445	0.070	18.1552	50.0
Diethylphthalate	1.574	1.489	0.300	-5.4048	50.0
Fluorene	1.510	1.502	0.200	-0.5423	50.0
4-Chlorophenyl-phenylether	0.750	0.743	0.100	-0.9137	50.0
4-Nitroaniline	0.275	0.302	0.010	9.919	50.0
4,6-Dinitro-2-methylphenol	0.097	0.099	0.010	2.2214	50.0
N-Nitrosodiphenylamine	0.517	0.530	0.050	2.495	50.0
1,2,4,5-Tetrachlorobenzene	0.566	0.559	0.100	-1.2976	50.0
4-Bromophenyl-phenylether	0.206	0.210	0.070	1.8812	50.0
Hexachlorobenzene	0.250	0.253	0.050	1.3414	50.0
Atrazine	0.207	0.200	0.010	-3.3562	50.0
Pentachlorophenol	0.152	0.156	0.010	2.7222	50.0
Phenanthrene	1.052	1.037	0.200	-1.4752	50.0
Pentachlorobenzene	0.268	0.280	0.050	4.603	50.0
Anthracene	1.076	1.058	0.200	-1.7085	50.0
1,2,3,4-Tetrachlorobenzene	0.223	0.245	0.050	9.8116	50.0
Carbazole	0.914	0.914	0.050	0.0444	50.0
Di-n-butylphthalate	1.093	1.094	0.500	0.1356	50.0
Fluoranthene	1.296	1.325	0.400	2.183	50.0
Pyrene	1.378	1.411	0.400	2.3599	50.0
Butylbenzylphthalate	0.502	0.555	0.100	10.5229	50.0
3,3-Dichlorobenzidine	0.423	0.499	0.010	18.0573	50.0
Benzo (a) anthracene	1.404	1.402	0.300	-0.1235	50.0
Chrysene	1.328	1.299	0.200	-2.2025	50.0
Bis(2-ethylhexyl)phthalate	0.738	0.799	0.200	8.253	50.0
Di-n-octyl phthalate	1.055	1.153	0.010	9.2929	50.0
Benzo (b) fluoranthene	1.202	1.186	0.200	-1.3364	50.0
Benzo (k) fluoranthene	1.236	1.218	0.200	-1.5156	50.0
Benzo (a) pyrene	1.157	1.148	0.200	-0.8515	50.0
Indeno (1,2,3-cd) pyrene	1.442	1.464	0.200	1.5104	50.0
Dibenzo (a,h) anthracene	1.199	1.190	0.200	-0.8124	50.0
Benzo (g,h,i) perylene	1.163	1.180	0.200	1.4658	50.0
2,3,4,6-Tetrachlorophenol	0.390	0.398	0.040	2.0694	50.0
1,4-Dioxane-d8	0.554	0.541	0.010	-2.3018	50.0
Pyridine-d5	1.674	1.605	0.010	-4.1269	50.0
Phenol-d5	2.171	2.205	0.010	1.5343	50.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.275	0.050	-5.7854	50.0
2-Chlorophenol-d4	1.490	1.545	0.200	3.6783	50.0
4-Methylphenol-d8	1.678	1.660	0.010	-1.1104	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062124 SAS No.: BG062124 SDG No.: BG062124

Instrument ID: BNA_G Calibration Date/Time: 6/22/2024 1:04:30

Lab File ID: BG061639.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020529 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.150	0.050	10.6156	50.0
2-Nitrophenol-d4	0.138	0.165	0.050	19.8801	50.0
2,4-Dichlorophenol-d3	0.326	0.335	0.060	2.9672	50.0
4-Chloroaniline-d4	0.493	0.492	0.010	-0.2818	50.0
Dimethylphthalate-d6	1.539	1.446	0.300	-6.0696	50.0
Acenaphthylene-d8	1.687	1.730	0.400	2.5778	50.0
4-Nitrophenol-d4	0.264	0.277	0.010	4.6449	50.0
Fluorene-d10	1.347	1.360	0.100	0.9517	50.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.089	0.010	4.368	50.0
Anthracene-d10	0.913	0.913	0.300	0.0082	50.0
Pyrene-d10	1.117	1.139	0.300	1.923	50.0
Benzo(a)pyrene-d12	0.955	0.978	0.010	2.3614	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SBLK409	SDG No.:	BG062124
Lab Sample ID:	PB161409BL	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
BG061613.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

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

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SBLK409	SDG No.:	BG062124
Lab Sample ID:	PB161409BL	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
BG061613.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

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

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SBLK409	SDG No.:	BG062124
Lab Sample ID:	PB161409BL	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
BG061613.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.127		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	30.04		20-120		75	SPK: -40
4165-62-2	Phenol-d5	28.53		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.936		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.017		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.413		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	31.517		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.206		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.37		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.723		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.249		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	30.339		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.05		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	31.297		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SBLK409	SDG No.:	BG062124
Lab Sample ID:	PB161409BL	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
BG061613.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.667		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	31.746		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	31.721		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.922		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35164	8.075				
1146-65-2	Naphthalene-d8	168608	10.884				
15067-26-2	Acenaphthene-d10	125448	14.703				
1517-22-2	Phenanthrene-d10	330360	17.447				
1719-03-5	Chrysene-d12	334074	21.706				
1520-96-3	Perylene-d12	400869	24.932				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4DG4	SDG No.:	BG062124
Lab Sample ID:	P2754-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061614.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	66	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82	330	ug/Kg
110-86-1	Pyridine	76	U	76	160	330	ug/Kg
108-95-2	Phenol	940		30	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4700		29	82	330	ug/Kg
95-57-8	2-Chlorophenol	3800	E	28	42.2	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5100	E	78	42.2	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.2	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.2	170	ug/Kg
78-59-1	Isophorone	5100	E	66	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	3000	E	60	42.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	7100	E	38	42.2	170	ug/Kg
91-20-3	Naphthalene	4800	E	24	42.2	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.2	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.2	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		41	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	5300	E	32	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		24	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2600		33	42.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4DG4	SDG No.:	BG062124
Lab Sample ID:	P2754-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061614.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.2	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.2	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	11000	E	20	42.2	170	ug/Kg
208-96-8	Acenaphthylene	3600	E	29	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82	330	ug/Kg
83-32-9	Acenaphthene	5100	E	26	42.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82	330	ug/Kg
100-02-7	4-Nitrophenol	2000		44	82	330	ug/Kg
132-64-9	Dibenzofuran	2900	E	27	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	2600		35	42.2	170	ug/Kg
84-66-2	Diethylphthalate	5800	E	33	42.2	170	ug/Kg
86-73-7	Fluorene	3500	E	27	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3400	E	20	42.2	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2800	E	26	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.2	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82	330	ug/Kg
87-86-5	Pentachlorophenol	4700		87	82	330	ug/Kg
85-01-8	Phenanthrene	1800		27	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.2	170	ug/Kg
120-12-7	Anthracene	4100	E	25	42.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.2	170	ug/Kg
86-74-8	Carbazole	34	U	34	82	330	ug/Kg
84-74-2	Di-n-butylphthalate	4100	E	27	42.2	170	ug/Kg
206-44-0	Fluoranthene	3200	E	19	82	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4DG4	SDG No.:	BG062124
Lab Sample ID:	P2754-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061614.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	920		22	42.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82	330	ug/Kg
56-55-3	Benzo(a)anthracene	2400		23	42.2	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	9000	E	25	42.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	5400	E	48	82	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		37	42.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		38	42.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		31	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		26	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2900	E	32	42.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.835		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	27.354		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.001		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.874		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	29.537		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	28.006		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.533		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.505		10-140		99	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.729		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.214		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	33.874		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.043		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	34.54		20-140		86	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4DG4	SDG No.:	BG062124
Lab Sample ID:	P2754-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061614.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.312		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	33.84		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	35.299		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.698		10-140		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47838	8.074				
1146-65-2	Naphthalene-d8	240267	10.894				
15067-26-2	Acenaphthene-d10	169512	14.701				
1517-22-2	Phenanthrene-d10	406921	17.445				
1719-03-5	Chrysene-d12	351748	21.71				
1520-96-3	Perylene-d12	430643	24.936				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	560	J			8.432	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	190	J			10.112	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.622	
004453-90-1	1,4-Methanonaphthalene, 1,4-dihydr	81	J			12.756	
005129-56-6	Undecanoic acid, 10-methyl-, methy	78	J			14.824	
000111-81-9	10-Undecenoic acid, methyl ester	99	J			17.222	
	unknown-01	75	J			18.05	
005129-58-8	Tridecanoic acid, 12-methyl-, meth	150	J			18.115	
000057-10-3	n-Hexadecanoic acid	210	J			18.338	
108708-61-8	Methyl trans-9-(2-butylcyclopentyl	78	J			18.691	
000084-65-1	9,10-Anthracenedione	320	J			18.849	
1000427-68-4	cis-12-Octadecenoic acid methyl es	110	J			19.284	
	(DEL) Alkane: Straight-Chain24.090	120	J			24.09	
005348-82-3	Acetic acid, chloro-, octadecyl es	100	J			24.137	
	(DEL) Alkane: Straight-Chain26.235	150	J			26.235	
	(DEL) Alkane: Straight-Chain26.340	240	J			26.34	
	unknown-02	180	J			30.359	

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4DG4	SDG No.:	BG062124
Lab Sample ID:	P2754-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061614.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	510				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4DG4DL	SDG No.:	BG062124
Lab Sample ID:	P2754-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061615.D	5	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	130	U	130	32.8	330	ug/Kg
100-52-7	Benzaldehyde	290	U	290	410	1600	ug/Kg
110-86-1	Pyridine	380	U	380	820	1600	ug/Kg
108-95-2	Phenol	900	JD	150	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4600	D	140	410	1600	ug/Kg
95-57-8	2-Chlorophenol	3800	D	140	210	840	ug/Kg
95-48-7	2-Methylphenol	150	U	150	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	410	1600	ug/Kg
98-86-2	Acetophenone	330	U	330	410	1600	ug/Kg
106-44-5	4-Methylphenol	260	U	260	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5100	D	390	210	840	ug/Kg
67-72-1	Hexachloroethane	300	U	300	210	840	ug/Kg
98-95-3	Nitrobenzene	320	U	320	210	840	ug/Kg
78-59-1	Isophorone	5200	D	330	210	840	ug/Kg
88-75-5	2-Nitrophenol	2600	D	300	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	220	U	220	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	7000	D	190	210	840	ug/Kg
91-20-3	Naphthalene	5200	D	120	210	840	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	210	840	ug/Kg
105-60-2	Caprolactam	320	U	320	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	D	200	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	5600	D	160	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	D	120	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2600	D	160	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4DG4DL	SDG No.:	BG062124
Lab Sample ID:	P2754-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061615.D	5	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	130	U	130	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	160	210	840	ug/Kg
88-74-4	2-Nitroaniline	220	U	220	210	840	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	11000	D	99	210	840	ug/Kg
208-96-8	Acenaphthylene	3900	D	140	210	840	ug/Kg
99-09-2	3-Nitroaniline	330	U	330	410	1600	ug/Kg
83-32-9	Acenaphthene	5900	D	130	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	650	U	650	410	1600	ug/Kg
100-02-7	4-Nitrophenol	2000	D	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	3100	D	130	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	2500	D	170	210	840	ug/Kg
84-66-2	Diethylphthalate	6800	D	160	210	840	ug/Kg
86-73-7	Fluorene	4200	D	130	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3900	D	99	210	840	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	210	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	170	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2800	D	130	210	840	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	210	840	ug/Kg
1912-24-9	Atrazine	140	U	140	410	1600	ug/Kg
87-86-5	Pentachlorophenol	4900	D	440	410	1600	ug/Kg
85-01-8	Phenanthrene	1900	D	130	210	840	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	210	840	ug/Kg
120-12-7	Anthracene	4700	D	120	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	84	U	84	210	840	ug/Kg
86-74-8	Carbazole	170	U	170	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	4900	D	130	210	840	ug/Kg
206-44-0	Fluoranthene	3700	D	94	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4DG4DL	SDG No.:	BG062124
Lab Sample ID:	P2754-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061615.D	5	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	89	U	89	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	910	D	110	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	U	260	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	2500	D	110	210	840	ug/Kg
218-01-9	Chrysene	120	U	120	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	12000	D	120	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	6200	D	240	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000	D	180	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500	D	190	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	1500	D	150	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100	D	130	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2800	D	160	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	180	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.24		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	27.295		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.81		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.015		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.675		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	29.04		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.455		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.655		10-140		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.975		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.22		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	34.855		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.305		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	36.04		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4DG4DL	SDG No.:	BG062124
Lab Sample ID:	P2754-16DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061615.D	5	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.9		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	35.715		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	36.105		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.1		10-140		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44992	8.073				
1146-65-2	Naphthalene-d8	217830	10.888				
15067-26-2	Acenaphthene-d10	155330	14.701				
1517-22-2	Phenanthrene-d10	405895	17.445				
1719-03-5	Chrysene-d12	377274	21.71				
1520-96-3	Perylene-d12	443647	24.936				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	5200	JD			8.426	
000084-65-1	9,10-Anthracenedione	350	JD			18.849	
E966796	Total Alkanes	130	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP2	SDG No.:	BG062124
Lab Sample ID:	P2754-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.2
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
BG061616.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	63	U	63	15.4	160	ug/Kg
100-52-7	Benzaldehyde	140	U	140	190	770	ug/Kg
110-86-1	Pyridine	180	U	180	390	770	ug/Kg
108-95-2	Phenol	70	U	70	190	770	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	68	U	68	190	770	ug/Kg
95-57-8	2-Chlorophenol	65	U	65	99.3	400	ug/Kg
95-48-7	2-Methylphenol	72	U	72	190	770	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93	U	93	190	770	ug/Kg
98-86-2	Acetophenone	160	J	150	190	770	ug/Kg
106-44-5	4-Methylphenol	120	U	120	190	770	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	180	U	180	99.3	400	ug/Kg
67-72-1	Hexachloroethane	140	U	140	99.3	400	ug/Kg
98-95-3	Nitrobenzene	150	U	150	99.3	400	ug/Kg
78-59-1	Isophorone	150	U	150	99.3	400	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	99.3	400	ug/Kg
105-67-9	2,4-Dimethylphenol	75	U	75	99.3	400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	99.3	400	ug/Kg
120-83-2	2,4-Dichlorophenol	89	U	89	99.3	400	ug/Kg
91-20-3	Naphthalene	56	U	56	99.3	400	ug/Kg
106-47-8	4-Chloroaniline	84	U	84	99.3	770	ug/Kg
87-68-3	Hexachlorobutadiene	82	U	82	99.3	400	ug/Kg
105-60-2	Caprolactam	150	U	150	190	770	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	99.3	400	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	99.3	400	ug/Kg
91-57-6	2-Methylnaphthalene	75	U	75	99.3	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	U	230	190	770	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	99.3	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77	U	77	99.3	400	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP2	SDG No.:	BG062124
Lab Sample ID:	P2754-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.2
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
BG061616.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	99.3	400	ug/Kg
91-58-7	2-Chloronaphthalene	77	U	77	99.3	400	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	99.3	400	ug/Kg
131-11-3	Dimethylphthalate	70	U	70	99.3	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	99.3	400	ug/Kg
208-96-8	Acenaphthylene	68	U	68	99.3	400	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	190	770	ug/Kg
83-32-9	Acenaphthene	61	U	61	99.3	400	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	190	770	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	190	770	ug/Kg
132-64-9	Dibenzofuran	63	U	63	99.3	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	82	U	82	99.3	400	ug/Kg
84-66-2	Diethylphthalate	77	U	77	99.3	400	ug/Kg
86-73-7	Fluorene	63	U	63	99.3	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	99.3	400	ug/Kg
100-01-6	4-Nitroaniline	56	U	56	190	770	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89	U	89	190	770	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	99.3	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	79	U	79	99.3	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61	U	61	99.3	400	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	99.3	400	ug/Kg
1912-24-9	Atrazine	65	U	65	190	770	ug/Kg
87-86-5	Pentachlorophenol	210	U	210	190	770	ug/Kg
85-01-8	Phenanthrene	360	J	63	99.3	400	ug/Kg
608-93-5	Pentachlorobenzene	86	U	86	99.3	400	ug/Kg
120-12-7	Anthracene	58	U	58	99.3	400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	99.3	400	ug/Kg
86-74-8	Carbazole	79	U	79	190	770	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	99.3	400	ug/Kg
206-44-0	Fluoranthene	840		44	190	400	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP2	SDG No.:	BG062124
Lab Sample ID:	P2754-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.2
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
BG061616.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	570		42	99.3	400	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	99.3	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	190	770	ug/Kg
56-55-3	Benzo(a)anthracene	330	J	54	99.3	400	ug/Kg
218-01-9	Chrysene	440		56	99.3	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	J	58	99.3	400	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	190	770	ug/Kg
205-99-2	Benzo(b)fluoranthene	590		86	99.3	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	89	99.3	400	ug/Kg
50-32-8	Benzo(a)pyrene	210	J	72	99.3	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	65	99.3	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	99.3	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	75	U	75	99.3	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84	U	84	99.3	400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.162		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	25.67		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.671		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.714		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.05		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	28.681		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.044		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.168		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.11		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.038		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	31.091		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.966		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	32.114		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP2	SDG No.:	BG062124
Lab Sample ID:	P2754-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.2
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
BG061616.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.548		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	30.218		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	28.355		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.489		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44892	8.072				
1146-65-2	Naphthalene-d8	210109	10.887				
15067-26-2	Acenaphthene-d10	152525	14.7				
1517-22-2	Phenanthrene-d10	384994	17.444				
1719-03-5	Chrysene-d12	346063	21.703				
1520-96-3	Perylene-d12	415833	24.929				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	260	J			5.146	
000057-10-3	n-Hexadecanoic acid	770	J			18.337	
000057-11-4	Octadecanoic acid	240	J			19.6	
	(DEL) Alkane: Cyclic21.369	550	J			21.369	
	(DEL) Alkane: Straight-Chain22.561	430	J			22.561	
E966796	Total Alkanes	980				99	ug/Kg

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6537			SDG No.:	BG062124		
Lab Sample ID:	SP6537			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
BG061617.D	1		6/21/2024 12:00:00 AM	

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

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SP6537	SDG No.:	BG062124
Lab Sample ID:	SP6537	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
BG061617.D	1		6/21/2024 12:00:00 AM	

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

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6537			SDG No.:	BG062124		
Lab Sample ID:	SP6537			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
BG061617.D	1		6/21/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530	U	530	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	970	U	970	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	560	U	560	2500	5000	ug/L
218-01-9	Chrysene	750	U	750	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	870	U	870	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	1500	U	1500	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1100	U	1100	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1100	U	1100	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1200	U	1200	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1000	U	1000	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	15329	*	15-120		191613	SPK: -8
7291-22-7	Pyridine-d5	77003	*	20-120		192507	SPK: -40
4165-62-2	Phenol-d5	81919	*	10-130		204797	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	83455	*	25-120		208638	SPK: -40
93951-73-6	2-Chlorophenol-d4	84189	*	20-130		210473	SPK: -40
190780-66-6	4-Methylphenol-d8	81292	*	25-125		203230	SPK: -40
4165-60-0	Nitrobenzene-d5	92477	*	20-125		231193	SPK: -40
93951-78-1	2-Nitrophenol-d4	99548	*	20-130		248870	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	81259	*	20-120		203147	SPK: -40
191656-33-4	4-Chloroaniline-d4	80828	*	1-146		202070	SPK: -40
85448-30-2	Dimethylphthalate-d6	86654	*	25-130		216635	SPK: -40
93951-97-4	Acenaphthylene-d8	87136	*	10-130		217840	SPK: -40
93951-79-2	4-Nitrophenol-d4	91738	*	10-150		229345	SPK: -40
81103-79-9	Fluorene-d10	86666	*	25-125		216665	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6537			SDG No.:	BG062124		
Lab Sample ID:	SP6537			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
BG061617.D	1		6/21/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	85562	*	10-130		213905	SPK: -40
1719-06-8	Anthracene-d10	84474	*	25-130		211185	SPK: -40
1718-52-1	Pyrene-d10	82299	*	15-130		205748	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	85633	*	20-130		214082	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46196	8.077				
1146-65-2	Naphthalene-d8	224701	10.886				
15067-26-2	Acenaphthene-d10	156777	14.699				
1517-22-2	Phenanthrene-d10	395121	17.443				
1719-03-5	Chrysene-d12	379133	21.708				
1520-96-3	Perylene-d12	452392	24.934				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	990	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP4	SDG No.:	BG062124
Lab Sample ID:	P2754-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.5
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
BG061618.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	68	U	68	16.7	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	210	830	ug/Kg
110-86-1	Pyridine	190	U	190	420	830	ug/Kg
108-95-2	Phenol	76	U	76	210	830	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	73	U	73	210	830	ug/Kg
95-57-8	2-Chlorophenol	71	U	71	110	430	ug/Kg
95-48-7	2-Methylphenol	78	U	78	210	830	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	210	830	ug/Kg
98-86-2	Acetophenone	200	J	170	210	830	ug/Kg
106-44-5	4-Methylphenol	130	U	130	210	830	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	200	U	200	110	430	ug/Kg
67-72-1	Hexachloroethane	150	U	150	110	430	ug/Kg
98-95-3	Nitrobenzene	160	U	160	110	430	ug/Kg
78-59-1	Isophorone	170	U	170	110	430	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	110	430	ug/Kg
105-67-9	2,4-Dimethylphenol	81	U	81	110	430	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	430	ug/Kg
120-83-2	2,4-Dichlorophenol	96	U	96	110	430	ug/Kg
91-20-3	Naphthalene	61	U	61	110	430	ug/Kg
106-47-8	4-Chloroaniline	91	U	91	110	830	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	110	430	ug/Kg
105-60-2	Caprolactam	160	U	160	210	830	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	110	430	ug/Kg
90-12-0	1-Methylnaphthalene	61	U	61	110	430	ug/Kg
91-57-6	2-Methylnaphthalene	81	U	81	110	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	210	830	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	110	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83	U	83	110	430	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP4	SDG No.:	BG062124
Lab Sample ID:	P2754-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.5
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
BG061618.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	66	U	66	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	83	U	83	110	430	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	110	430	ug/Kg
131-11-3	Dimethylphthalate	76	U	76	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	110	430	ug/Kg
208-96-8	Acenaphthylene	73	U	73	110	430	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	210	830	ug/Kg
83-32-9	Acenaphthene	66	U	66	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	210	830	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	830	ug/Kg
132-64-9	Dibenzofuran	68	U	68	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	88	U	88	110	430	ug/Kg
84-66-2	Diethylphthalate	83	U	83	110	430	ug/Kg
86-73-7	Fluorene	68	U	68	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	110	430	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	210	830	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	210	830	ug/Kg
86-30-6	N-Nitrosodiphenylamine	61	U	61	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86	U	86	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66	U	66	110	430	ug/Kg
118-74-1	Hexachlorobenzene	71	U	71	110	430	ug/Kg
1912-24-9	Atrazine	71	U	71	210	830	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	210	830	ug/Kg
85-01-8	Phenanthrene	340	J	68	110	430	ug/Kg
608-93-5	Pentachlorobenzene	93	U	93	110	430	ug/Kg
120-12-7	Anthracene	63	U	63	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	43	U	43	110	430	ug/Kg
86-74-8	Carbazole	86	U	86	210	830	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	110	430	ug/Kg
206-44-0	Fluoranthene	900		48	210	430	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP4	SDG No.:	BG062124
Lab Sample ID:	P2754-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.5
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
BG061618.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	620		45	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	210	830	ug/Kg
56-55-3	Benzo(a)anthracene	360	J	58	110	430	ug/Kg
218-01-9	Chrysene	460		61	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	J	63	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	210	830	ug/Kg
205-99-2	Benzo(b)fluoranthene	660		93	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	96	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	230	J	78	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	71	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	U	66	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	81	U	81	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91	U	91	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.532		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	2.591	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	26.17		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.562		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.023		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	23.084		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	28.686		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.597		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.417		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.584		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.735		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.227		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.433		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	30.958		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP4	SDG No.:	BG062124
Lab Sample ID:	P2754-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	60.5
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
BG061618.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.056		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	29.718		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	28.916		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.885		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44039	8.073				
1146-65-2	Naphthalene-d8	207917	10.887				
15067-26-2	Acenaphthene-d10	153824	14.7				
1517-22-2	Phenanthrene-d10	371092	17.444				
1719-03-5	Chrysene-d12	326707	21.704				
1520-96-3	Perylene-d12	381361	24.929				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	220	J			3.736	
	unknown-02	240	J			5.147	
000770-35-4	1-Phenoxypropan-2-ol	320	J			11.621	
000057-10-3	n-Hexadecanoic acid	730	J			18.331	
000057-11-4	Octadecanoic acid	190	J			19.606	
	(DEL) Alkane: Cyclic	420	J			21.369	
E966796	Total Alkanes	420				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP5	SDG No.:	BG062124
Lab Sample ID:	P2754-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BG061619.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	U	37	8.9	90	ug/Kg
100-52-7	Benzaldehyde	79	U	79	110	450	ug/Kg
110-86-1	Pyridine	100	U	100	220	450	ug/Kg
108-95-2	Phenol	41	U	41	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	110	450	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	57.6	230	ug/Kg
95-48-7	2-Methylphenol	42	U	42	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54	U	54	110	450	ug/Kg
98-86-2	Acetophenone	89	U	89	110	450	ug/Kg
106-44-5	4-Methylphenol	72	U	72	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	57.6	230	ug/Kg
67-72-1	Hexachloroethane	83	U	83	57.6	230	ug/Kg
98-95-3	Nitrobenzene	87	U	87	57.6	230	ug/Kg
78-59-1	Isophorone	89	U	89	57.6	230	ug/Kg
88-75-5	2-Nitrophenol	81	U	81	57.6	230	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	57.6	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	57.6	230	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	57.6	230	ug/Kg
91-20-3	Naphthalene	33	U	33	57.6	230	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	57.6	450	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	57.6	230	ug/Kg
105-60-2	Caprolactam	87	U	87	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	57.6	230	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	57.6	230	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	57.6	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33	U	33	57.6	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	57.6	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP5	SDG No.:	BG062124
Lab Sample ID:	P2754-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BG061619.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	57.6	230	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	57.6	230	ug/Kg
88-74-4	2-Nitroaniline	61	U	61	57.6	230	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	57.6	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	57.6	230	ug/Kg
208-96-8	Acenaphthylene	39	U	39	57.6	230	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	110	450	ug/Kg
83-32-9	Acenaphthene	35	U	35	57.6	230	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	37	U	37	57.6	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	57.6	230	ug/Kg
84-66-2	Diethylphthalate	45	U	45	57.6	230	ug/Kg
86-73-7	Fluorene	37	U	37	57.6	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.6	230	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	57.6	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	57.6	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	57.6	230	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	57.6	230	ug/Kg
1912-24-9	Atrazine	38	U	38	110	450	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	450	ug/Kg
85-01-8	Phenanthrene	130	J	37	57.6	230	ug/Kg
608-93-5	Pentachlorobenzene	50	U	50	57.6	230	ug/Kg
120-12-7	Anthracene	34	U	34	57.6	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	57.6	230	ug/Kg
86-74-8	Carbazole	46	U	46	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	37	U	37	57.6	230	ug/Kg
206-44-0	Fluoranthene	150	J	26	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP5	SDG No.:	BG062124
Lab Sample ID:	P2754-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BG061619.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	24	57.6	230	ug/Kg
85-68-7	Butylbenzylphthalate	30	U	30	57.6	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70	U	70	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	61	J	31	57.6	230	ug/Kg
218-01-9	Chrysene	71	J	33	57.6	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	34	57.6	230	ug/Kg
117-84-0	Di-n-octyl phthalate	65	U	65	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	77	J	50	57.6	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	57.6	230	ug/Kg
50-32-8	Benzo(a)pyrene	58	J	42	57.6	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	57.6	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	57.6	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	57.6	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	57.6	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.858		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	23.387		20-120		58	SPK: -40
4165-62-2	Phenol-d5	24.317		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.75		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.068		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.663		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.896		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.253		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.496		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.708		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.333		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.973		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.559		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	29.398		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP5	SDG No.:	BG062124
Lab Sample ID:	P2754-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BG061619.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.066		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	28.461		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	30.203		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.002		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44253	8.077				
1146-65-2	Naphthalene-d8	214659	10.885				
15067-26-2	Acenaphthene-d10	148562	14.698				
1517-22-2	Phenanthrene-d10	374572	17.442				
1719-03-5	Chrysene-d12	337736	21.708				
1520-96-3	Perylene-d12	405666	24.927				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	100	J			3.735	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.62	
000057-10-3	n-Hexadecanoic acid	300	J			18.329	
000057-11-4	Octadecanoic acid	150	J			19.604	
	(DEL) Alkane: Cyclic21.367	180	J			21.367	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP3	SDG No.:	BG062124
Lab Sample ID:	P2754-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BG061620.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	8.8	89	ug/Kg
100-52-7	Benzaldehyde	77	U	77	110	440	ug/Kg
110-86-1	Pyridine	100	U	100	220	440	ug/Kg
108-95-2	Phenol	40	U	40	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	110	440	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	56.6	230	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	110	440	ug/Kg
98-86-2	Acetophenone	88	U	88	110	440	ug/Kg
106-44-5	4-Methylphenol	71	U	71	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	56.6	230	ug/Kg
67-72-1	Hexachloroethane	81	U	81	56.6	230	ug/Kg
98-95-3	Nitrobenzene	85	U	85	56.6	230	ug/Kg
78-59-1	Isophorone	88	U	88	56.6	230	ug/Kg
88-75-5	2-Nitrophenol	80	U	80	56.6	230	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	56.6	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	56.6	230	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	56.6	230	ug/Kg
91-20-3	Naphthalene	32	U	32	56.6	230	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	56.6	440	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	56.6	230	ug/Kg
105-60-2	Caprolactam	85	U	85	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	56.6	230	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	56.6	230	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	56.6	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	56.6	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	56.6	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP3	SDG No.:	BG062124
Lab Sample ID:	P2754-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BG061620.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	56.6	230	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	56.6	230	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	56.6	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	56.6	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	56.6	230	ug/Kg
208-96-8	Acenaphthylene	39	U	39	56.6	230	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	110	440	ug/Kg
83-32-9	Acenaphthene	35	U	35	56.6	230	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	440	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	440	ug/Kg
132-64-9	Dibenzofuran	36	U	36	56.6	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	56.6	230	ug/Kg
84-66-2	Diethylphthalate	44	U	44	56.6	230	ug/Kg
86-73-7	Fluorene	36	U	36	56.6	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	56.6	230	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	56.6	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	56.6	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	56.6	230	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	56.6	230	ug/Kg
1912-24-9	Atrazine	37	U	37	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	36	U	36	56.6	230	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	56.6	230	ug/Kg
120-12-7	Anthracene	33	U	33	56.6	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	56.6	230	ug/Kg
86-74-8	Carbazole	45	U	45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	56.6	230	ug/Kg
206-44-0	Fluoranthene	54	J	25	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP3	SDG No.:	BG062124
Lab Sample ID:	P2754-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BG061620.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	J	24	56.6	230	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	56.6	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	56.6	230	ug/Kg
218-01-9	Chrysene	32	U	32	56.6	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	56.6	230	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	64	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	56.6	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	56.6	230	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	56.6	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	56.6	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	56.6	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	56.6	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	56.6	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.6		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	29.59		20-120		74	SPK: -40
4165-62-2	Phenol-d5	28.629		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.928		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.633		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	29.115		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	30.469		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.255		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.863		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.372		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.631		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	31.748		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.356		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	31.59		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP3	SDG No.:	BG062124
Lab Sample ID:	P2754-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BG061620.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.069		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	30.577		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	32.495		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.261		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44835	8.072				
1146-65-2	Naphthalene-d8	220959	10.887				
15067-26-2	Acenaphthene-d10	155240	14.7				
1517-22-2	Phenanthrene-d10	381353	17.444				
1719-03-5	Chrysene-d12	334433	21.704				
1520-96-3	Perylene-d12	392708	24.935				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	340	J			18.331	
E966796	Total Alkanes	35	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP7	SDG No.:	BG062124
Lab Sample ID:	P2754-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG061621.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.9	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.9	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.9	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.9	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.9	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.9	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.9	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.9	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	49.9	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	49.9	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.9	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.9	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	49.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.9	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.9	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.9	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.9	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.9	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	49.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.9	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP7	SDG No.:	BG062124
Lab Sample ID:	P2754-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG061621.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	49.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.9	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.9	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.9	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.9	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.9	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	49.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.9	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	96.9	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.9	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.9	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.9	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.9	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	96.9	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	49.9	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.9	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.9	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.9	390	ug/Kg
85-01-8	Phenanthrene	110	J	32	49.9	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.9	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.9	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.9	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.9	200	ug/Kg
206-44-0	Fluoranthene	180	J	22	96.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP7	SDG No.:	BG062124
Lab Sample ID:	P2754-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG061621.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	21	49.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	86	J	27	49.9	200	ug/Kg
218-01-9	Chrysene	85	J	28	49.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	16000	E	29	49.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.9	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	43	49.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	49.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	43	J	36	49.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	49.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	49.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.9	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.483		15-120		69	SPK: -8
4165-62-2	Phenol-d5	25.864		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.628		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.454		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.891		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	29.029		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.862		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.688		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.038		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.907		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	30.438		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.981		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	31.066		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP7	SDG No.:	BG062124
Lab Sample ID:	P2754-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG061621.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.853		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	29.506		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	26.751		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.74		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57982	8.074				
1146-65-2	Naphthalene-d8	271096	10.888				
15067-26-2	Acenaphthene-d10	186904	14.701				
1517-22-2	Phenanthrene-d10	454351	17.445				
1719-03-5	Chrysene-d12	420494	21.705				
1520-96-3	Perylene-d12	502084	24.931				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			3.738	
	unknown-02	110	J			5.148	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.617	
000057-10-3	n-Hexadecanoic acid	370	J			18.333	
000057-11-4	Octadecanoic acid	170	J			19.602	
000084-71-9	1,2-Cyclohexanedicarboxylic acid,	140	J			21.329	
007773-83-3	1-Docosanethiol	280	J			21.364	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP8	SDG No.:	BG062124
Lab Sample ID:	P2754-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061622.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	51	U	51	12.4	130	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	620	ug/Kg
110-86-1	Pyridine	140	U	140	310	620	ug/Kg
108-95-2	Phenol	56	U	56	160	620	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	55	U	55	160	620	ug/Kg
95-57-8	2-Chlorophenol	53	U	53	79.9	320	ug/Kg
95-48-7	2-Methylphenol	58	U	58	160	620	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	160	620	ug/Kg
98-86-2	Acetophenone	120	U	120	160	620	ug/Kg
106-44-5	4-Methylphenol	100	U	100	160	620	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	79.9	320	ug/Kg
67-72-1	Hexachloroethane	110	U	110	79.9	320	ug/Kg
98-95-3	Nitrobenzene	120	U	120	79.9	320	ug/Kg
78-59-1	Isophorone	120	U	120	79.9	320	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	79.9	320	ug/Kg
105-67-9	2,4-Dimethylphenol	60	U	60	79.9	320	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	85	U	85	79.9	320	ug/Kg
120-83-2	2,4-Dichlorophenol	71	U	71	79.9	320	ug/Kg
91-20-3	Naphthalene	45	U	45	79.9	320	ug/Kg
106-47-8	4-Chloroaniline	68	U	68	79.9	620	ug/Kg
87-68-3	Hexachlorobutadiene	66	U	66	79.9	320	ug/Kg
105-60-2	Caprolactam	120	U	120	160	620	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77	U	77	79.9	320	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	79.9	320	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	60	79.9	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	160	620	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45	U	45	79.9	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	79.9	320	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP8	SDG No.:	BG062124
Lab Sample ID:	P2754-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061622.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	49	U	49	79.9	320	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	62	79.9	320	ug/Kg
88-74-4	2-Nitroaniline	85	U	85	79.9	320	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	79.9	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	38	U	38	79.9	320	ug/Kg
208-96-8	Acenaphthylene	55	U	55	79.9	320	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	160	620	ug/Kg
83-32-9	Acenaphthene	49	U	49	79.9	320	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	160	620	ug/Kg
100-02-7	4-Nitrophenol	83	U	83	160	620	ug/Kg
132-64-9	Dibenzofuran	51	U	51	79.9	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	66	U	66	79.9	320	ug/Kg
84-66-2	Diethylphthalate	62	U	62	79.9	320	ug/Kg
86-73-7	Fluorene	51	U	51	79.9	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38	U	38	79.9	320	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	160	620	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	71	U	71	160	620	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	79.9	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	79.9	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	79.9	320	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	79.9	320	ug/Kg
1912-24-9	Atrazine	53	U	53	160	620	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	160	620	ug/Kg
85-01-8	Phenanthrene	200	J	51	79.9	320	ug/Kg
608-93-5	Pentachlorobenzene	70	U	70	79.9	320	ug/Kg
120-12-7	Anthracene	47	U	47	79.9	320	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	32	U	32	79.9	320	ug/Kg
86-74-8	Carbazole	64	U	64	160	620	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	79.9	320	ug/Kg
206-44-0	Fluoranthene	260	J	36	160	320	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP8	SDG No.:	BG062124
Lab Sample ID:	P2754-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061622.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210	J	34	79.9	320	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	79.9	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98	U	98	160	620	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	43	79.9	320	ug/Kg
218-01-9	Chrysene	140	J	45	79.9	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230	J	47	79.9	320	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	160	620	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	70	79.9	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	79.9	320	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	58	79.9	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	79.9	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	U	49	79.9	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	79.9	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68	U	68	79.9	320	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.957		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	1.323	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	25.41		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.445		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.037		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.424		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	28.627		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.346		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.001		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.607		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.82		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	28.135		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.081		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	28.572		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP8	SDG No.:	BG062124
Lab Sample ID:	P2754-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061622.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.085		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	28.118		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	26.295		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.19		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54721	8.071				
1146-65-2	Naphthalene-d8	257944	10.885				
15067-26-2	Acenaphthene-d10	183832	14.698				
1517-22-2	Phenanthrene-d10	431736	17.442				
1719-03-5	Chrysene-d12	381819	21.708				
1520-96-3	Perylene-d12	455468	24.933				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	170	J			3.734	
	unknown-01	180	J			5.15	
000770-35-4	1-Phenoxypropan-2-ol	230	J			11.619	
001002-84-2	Pentadecanoic acid	380	J			18.329	
000057-11-4	Octadecanoic acid	150	J			19.598	
	(DEL) Alkane: Straight-Chain	340	J			21.367	
E966796	Total Alkanes	340				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SBLK409	SDG No.:	BG062124
Lab Sample ID:	PB161409BL	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
BG061624.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

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

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SBLK409	SDG No.:	BG062124
Lab Sample ID:	PB161409BL	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
BG061624.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

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

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SBLK409	SDG No.:	BG062124
Lab Sample ID:	PB161409BL	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
BG061624.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.077		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	32.187		20-120		80	SPK: -40
4165-62-2	Phenol-d5	29.522		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.011		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.529		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.927		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	34.074		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.19		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.553		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.939		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.901		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.92		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.224		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	30.966		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SBLK409	SDG No.:	BG062124
Lab Sample ID:	PB161409BL	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
BG061624.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.246		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	30.999		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	31.602		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.179		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53111	8.076				
1146-65-2	Naphthalene-d8	263624	10.885				
15067-26-2	Acenaphthene-d10	189650	14.698				
1517-22-2	Phenanthrene-d10	468802	17.442				
1719-03-5	Chrysene-d12	426894	21.707				
1520-96-3	Perylene-d12	501206	24.927				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP6	SDG No.:	BG062124
Lab Sample ID:	P2754-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.5
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
BG061625.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	58	U	58	14.1	140	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	710	ug/Kg
110-86-1	Pyridine	170	U	170	350	710	ug/Kg
108-95-2	Phenol	64	U	64	180	710	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	62	U	62	180	710	ug/Kg
95-57-8	2-Chlorophenol	60	U	60	91.1	360	ug/Kg
95-48-7	2-Methylphenol	66	U	66	180	710	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	86	U	86	180	710	ug/Kg
98-86-2	Acetophenone	150	J	140	180	710	ug/Kg
106-44-5	4-Methylphenol	110	U	110	180	710	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	91.1	360	ug/Kg
67-72-1	Hexachloroethane	130	U	130	91.1	360	ug/Kg
98-95-3	Nitrobenzene	140	U	140	91.1	360	ug/Kg
78-59-1	Isophorone	140	U	140	91.1	360	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	91.1	360	ug/Kg
105-67-9	2,4-Dimethylphenol	69	U	69	91.1	360	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	96	U	96	91.1	360	ug/Kg
120-83-2	2,4-Dichlorophenol	81	U	81	91.1	360	ug/Kg
91-20-3	Naphthalene	51	U	51	91.1	360	ug/Kg
106-47-8	4-Chloroaniline	77	U	77	91.1	710	ug/Kg
87-68-3	Hexachlorobutadiene	75	U	75	91.1	360	ug/Kg
105-60-2	Caprolactam	140	U	140	180	710	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88	U	88	91.1	360	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	91.1	360	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	69	91.1	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	180	710	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	91.1	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	71	U	71	91.1	360	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP6	SDG No.:	BG062124
Lab Sample ID:	P2754-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.5
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
BG061625.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	91.1	360	ug/Kg
91-58-7	2-Chloronaphthalene	71	U	71	91.1	360	ug/Kg
88-74-4	2-Nitroaniline	96	U	96	91.1	360	ug/Kg
131-11-3	Dimethylphthalate	64	U	64	91.1	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	43	U	43	91.1	360	ug/Kg
208-96-8	Acenaphthylene	62	U	62	91.1	360	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	180	710	ug/Kg
83-32-9	Acenaphthene	56	U	56	91.1	360	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	180	710	ug/Kg
100-02-7	4-Nitrophenol	94	U	94	180	710	ug/Kg
132-64-9	Dibenzofuran	58	U	58	91.1	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	75	U	75	91.1	360	ug/Kg
84-66-2	Diethylphthalate	71	U	71	91.1	360	ug/Kg
86-73-7	Fluorene	58	U	58	91.1	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	43	U	43	91.1	360	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	180	710	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	180	710	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	91.1	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	73	U	73	91.1	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	91.1	360	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	91.1	360	ug/Kg
1912-24-9	Atrazine	60	U	60	180	710	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	180	710	ug/Kg
85-01-8	Phenanthrene	790		58	91.1	360	ug/Kg
608-93-5	Pentachlorobenzene	79	U	79	91.1	360	ug/Kg
120-12-7	Anthracene	130	J	54	91.1	360	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	36	U	36	91.1	360	ug/Kg
86-74-8	Carbazole	99	J	73	180	710	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	58	91.1	360	ug/Kg
206-44-0	Fluoranthene	1700		41	180	360	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP6	SDG No.:	BG062124
Lab Sample ID:	P2754-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.5
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
BG061625.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		39	91.1	360	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	91.1	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	710	ug/Kg
56-55-3	Benzo(a)anthracene	710		49	91.1	360	ug/Kg
218-01-9	Chrysene	890		51	91.1	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	590		54	91.1	360	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	180	710	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		79	91.1	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	370		81	91.1	360	ug/Kg
50-32-8	Benzo(a)pyrene	450		66	91.1	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		60	91.1	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	56	91.1	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	77	J	69	91.1	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	77	U	77	91.1	360	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.773		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	4.649	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	27.542		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.861		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.623		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	23.548		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	33.357		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.98		10-120		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.026		10-140		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.682		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.382		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	36.428		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.486		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	36.867		20-140		92	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP6	SDG No.:	BG062124
Lab Sample ID:	P2754-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.5
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
BG061625.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.013		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	35.894		10-150		90	SPK: -40
1718-52-1	Pyrene-d10	33.681		10-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.592		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61856	8.076				
1146-65-2	Naphthalene-d8	287621	10.884				
15067-26-2	Acenaphthene-d10	199368	14.698				
1517-22-2	Phenanthrene-d10	456179	17.441				
1719-03-5	Chrysene-d12	400139	21.707				
1520-96-3	Perylene-d12	476685	24.933				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	280	J			3.734	
	unknown-01	210	J			4.792	
	unknown-02	200	J			5.15	
006180-61-6	1-Propanol, 3-phenoxy-	290	J			11.619	
000057-10-3	n-Hexadecanoic acid	1200	J			18.334	
000203-64-5	4H-Cyclopenta[def]phenanthrene	240	J			18.511	
000057-11-4	Octadecanoic acid	330	J			19.604	
	(DEL) Alkane: Straight-Chain	21.366	J			21.366	
E966796	Total Alkanes	510				99	ug/Kg



Client:			Date Collected:	6/5/2024 12:00:00 AM	
Project:			Date Received:	6/5/2024 12:00:00 AM	
Client Sample ID:	A4BP6MS		SDG No.:	BG062124	
Lab Sample ID:	P2754-06MS		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	53.5	
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
BG061626.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1100		58	14.2	140	ug/Kg
100-52-7	Benzaldehyde	2100		120	180	710	ug/Kg
110-86-1	Pyridine	800		170	350	710	ug/Kg
108-95-2	Phenol	3300		64	180	710	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3000		62	180	710	ug/Kg
95-57-8	2-Chlorophenol	3300		60	91.2	360	ug/Kg
95-48-7	2-Methylphenol	3300		67	180	710	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3100		86	180	710	ug/Kg
98-86-2	Acetophenone	3100		140	180	710	ug/Kg
106-44-5	4-Methylphenol	3300		110	180	710	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2900		170	91.2	360	ug/Kg
67-72-1	Hexachloroethane	2600		130	91.2	360	ug/Kg
98-95-3	Nitrobenzene	3600		140	91.2	360	ug/Kg
78-59-1	Isophorone	3200		140	91.2	360	ug/Kg
88-75-5	2-Nitrophenol	4200		130	91.2	360	ug/Kg
105-67-9	2,4-Dimethylphenol	3100		69	91.2	360	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3200		97	91.2	360	ug/Kg
120-83-2	2,4-Dichlorophenol	3800		82	91.2	360	ug/Kg
91-20-3	Naphthalene	3400		52	91.2	360	ug/Kg
106-47-8	4-Chloroaniline	1700		77	91.2	710	ug/Kg
87-68-3	Hexachlorobutadiene	3700		75	91.2	360	ug/Kg
105-60-2	Caprolactam	3100		140	180	710	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3700		88	91.2	360	ug/Kg
90-12-0	1-Methylnaphthalene	3400		52	91.2	360	ug/Kg
91-57-6	2-Methylnaphthalene	3500		69	91.2	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500		210	180	710	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3900		52	91.2	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3900		71	91.2	360	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP6MS	SDG No.:	BG062124
Lab Sample ID:	P2754-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.5
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
BG061626.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3600		56	91.2	360	ug/Kg
91-58-7	2-Chloronaphthalene	3500		71	91.2	360	ug/Kg
88-74-4	2-Nitroaniline	4300		97	91.2	360	ug/Kg
131-11-3	Dimethylphthalate	3300		64	91.2	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	4200		43	91.2	360	ug/Kg
208-96-8	Acenaphthylene	3400		62	91.2	360	ug/Kg
99-09-2	3-Nitroaniline	3500		140	180	710	ug/Kg
83-32-9	Acenaphthene	3400		56	91.2	360	ug/Kg
51-28-5	2,4-Dinitrophenol	4000		280	180	710	ug/Kg
100-02-7	4-Nitrophenol	3800		94	180	710	ug/Kg
132-64-9	Dibenzofuran	3500		58	91.2	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	4200		75	91.2	360	ug/Kg
84-66-2	Diethylphthalate	3400		71	91.2	360	ug/Kg
86-73-7	Fluorene	3400		58	91.2	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3300		43	91.2	360	ug/Kg
100-01-6	4-Nitroaniline	3700		52	180	710	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3900		82	180	710	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3800		52	91.2	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3600		73	91.2	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3800		56	91.2	360	ug/Kg
118-74-1	Hexachlorobenzene	2900		60	91.2	360	ug/Kg
1912-24-9	Atrazine	2800		60	180	710	ug/Kg
87-86-5	Pentachlorophenol	3700		190	180	710	ug/Kg
85-01-8	Phenanthrene	4100		58	91.2	360	ug/Kg
608-93-5	Pentachlorobenzene	3300		79	91.2	360	ug/Kg
120-12-7	Anthracene	3500		54	91.2	360	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4300		36	91.2	360	ug/Kg
86-74-8	Carbazole	3300		73	180	710	ug/Kg
84-74-2	Di-n-butylphthalate	3700		58	91.2	360	ug/Kg
206-44-0	Fluoranthene	5300		41	180	360	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP6MS	SDG No.:	BG062124
Lab Sample ID:	P2754-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.5
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
BG061626.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4100		39	91.2	360	ug/Kg
85-68-7	Butylbenzylphthalate	4200		47	91.2	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900		110	180	710	ug/Kg
56-55-3	Benzo(a)anthracene	4300		49	91.2	360	ug/Kg
218-01-9	Chrysene	4300		52	91.2	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4600		54	91.2	360	ug/Kg
117-84-0	Di-n-octyl phthalate	4100		100	180	710	ug/Kg
205-99-2	Benzo(b)fluoranthene	4600		79	91.2	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	3900		82	91.2	360	ug/Kg
50-32-8	Benzo(a)pyrene	2100		67	91.2	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3200		60	91.2	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900		56	91.2	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410		69	91.2	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3600		77	91.2	360	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.796		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	11.951		20-120		30	SPK: -40
4165-62-2	Phenol-d5	27.846		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.613		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.211		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	25.182		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	38.195		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.664		10-120		107	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.338		10-140		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.213		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.423		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	36.71		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.141		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	35.682		20-140		89	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP6MS	SDG No.:	BG062124
Lab Sample ID:	P2754-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.5
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
BG061626.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.748		10-130		102	SPK: -40
1719-06-8	Anthracene-d10	36.438		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	34.537		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.164		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58021	8.073				
1146-65-2	Naphthalene-d8	262754	10.887				
15067-26-2	Acenaphthene-d10	192722	14.7				
1517-22-2	Phenanthrene-d10	432388	17.444				
1719-03-5	Chrysene-d12	359515	21.71				
1520-96-3	Perylene-d12	438941	24.935				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP6MSD	SDG No.:	BG062124
Lab Sample ID:	P2754-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.5
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
BG061627.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1100		58	14.2	140	ug/Kg
100-52-7	Benzaldehyde	2200		120	180	710	ug/Kg
110-86-1	Pyridine	1200		170	350	710	ug/Kg
108-95-2	Phenol	3400		64	180	710	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3100		62	180	710	ug/Kg
95-57-8	2-Chlorophenol	3400		60	91.3	370	ug/Kg
95-48-7	2-Methylphenol	3400		67	180	710	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3200		86	180	710	ug/Kg
98-86-2	Acetophenone	3400		140	180	710	ug/Kg
106-44-5	4-Methylphenol	3500		110	180	710	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3000		170	91.3	370	ug/Kg
67-72-1	Hexachloroethane	2600		130	91.3	370	ug/Kg
98-95-3	Nitrobenzene	3600		140	91.3	370	ug/Kg
78-59-1	Isophorone	3100		140	91.3	370	ug/Kg
88-75-5	2-Nitrophenol	4000		130	91.3	370	ug/Kg
105-67-9	2,4-Dimethylphenol	2900		69	91.3	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3200		97	91.3	370	ug/Kg
120-83-2	2,4-Dichlorophenol	3700		82	91.3	370	ug/Kg
91-20-3	Naphthalene	3300		52	91.3	370	ug/Kg
106-47-8	4-Chloroaniline	1600		77	91.3	710	ug/Kg
87-68-3	Hexachlorobutadiene	3500		75	91.3	370	ug/Kg
105-60-2	Caprolactam	3000		140	180	710	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3700		88	91.3	370	ug/Kg
90-12-0	1-Methylnaphthalene	3400		52	91.3	370	ug/Kg
91-57-6	2-Methylnaphthalene	3500		69	91.3	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500		210	180	710	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4000		52	91.3	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4100		71	91.3	370	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP6MSD	SDG No.:	BG062124
Lab Sample ID:	P2754-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.5
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
BG061627.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3700		56	91.3	370	ug/Kg
91-58-7	2-Chloronaphthalene	3700		71	91.3	370	ug/Kg
88-74-4	2-Nitroaniline	4600		97	91.3	370	ug/Kg
131-11-3	Dimethylphthalate	3400		64	91.3	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	4300		43	91.3	370	ug/Kg
208-96-8	Acenaphthylene	3500		62	91.3	370	ug/Kg
99-09-2	3-Nitroaniline	3700		140	180	710	ug/Kg
83-32-9	Acenaphthene	3500		56	91.3	370	ug/Kg
51-28-5	2,4-Dinitrophenol	4100		280	180	710	ug/Kg
100-02-7	4-Nitrophenol	4000		95	180	710	ug/Kg
132-64-9	Dibenzofuran	3600		58	91.3	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	4400		75	91.3	370	ug/Kg
84-66-2	Diethylphthalate	3500		71	91.3	370	ug/Kg
86-73-7	Fluorene	3600		58	91.3	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3400		43	91.3	370	ug/Kg
100-01-6	4-Nitroaniline	4100		52	180	710	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4200		82	180	710	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3900		52	91.3	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3600		73	91.3	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3900		56	91.3	370	ug/Kg
118-74-1	Hexachlorobenzene	3000		60	91.3	370	ug/Kg
1912-24-9	Atrazine	3000		60	180	710	ug/Kg
87-86-5	Pentachlorophenol	3800		190	180	710	ug/Kg
85-01-8	Phenanthrene	4300		58	91.3	370	ug/Kg
608-93-5	Pentachlorobenzene	3500		79	91.3	370	ug/Kg
120-12-7	Anthracene	3600		54	91.3	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4400		37	91.3	370	ug/Kg
86-74-8	Carbazole	3500		73	180	710	ug/Kg
84-74-2	Di-n-butylphthalate	3800		58	91.3	370	ug/Kg
206-44-0	Fluoranthene	5400		41	180	370	ug/Kg



Client:				Date Collected:	6/5/2024 12:00:00 AM	
Project:				Date Received:	6/5/2024 12:00:00 AM	
Client Sample ID:	A4BP6MSD			SDG No.:	BG062124	
Lab Sample ID:	P2754-07MSD			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	53.5	
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
BG061627.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4200		39	91.3	370	ug/Kg
85-68-7	Butylbenzylphthalate	4400		47	91.3	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2200		110	180	710	ug/Kg
56-55-3	Benzo(a)anthracene	4400		49	91.3	370	ug/Kg
218-01-9	Chrysene	4500		52	91.3	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4700		54	91.3	370	ug/Kg
117-84-0	Di-n-octyl phthalate	4200		100	180	710	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500		79	91.3	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	4000		82	91.3	370	ug/Kg
50-32-8	Benzo(a)pyrene	2200		67	91.3	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3200		60	91.3	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900		56	91.3	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	370		69	91.3	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3900		77	91.3	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.159		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	11.611		20-120		29	SPK: -40
4165-62-2	Phenol-d5	28.053		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.296		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.561		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	24.601		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	35.856		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.662		10-120		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.939		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.679		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.013		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	34.777		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.081		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	35.167		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP6MSD	SDG No.:	BG062124
Lab Sample ID:	P2754-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.5
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
BG061627.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.872		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	34.852		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	32.901		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.183		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55901	8.076				
1146-65-2	Naphthalene-d8	273911	10.89				
15067-26-2	Acenaphthene-d10	194764	14.703				
1517-22-2	Phenanthrene-d10	436131	17.447				
1719-03-5	Chrysene-d12	361908	21.713				
1520-96-3	Perylene-d12	454412	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP9	SDG No.:	BG062124
Lab Sample ID:	P2754-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52
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
BG061628.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	56	U	56	13.8	140	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	690	ug/Kg
110-86-1	Pyridine	160	U	160	340	690	ug/Kg
108-95-2	Phenol	63	U	63	170	690	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	60	U	60	170	690	ug/Kg
95-57-8	2-Chlorophenol	58	U	58	88.5	350	ug/Kg
95-48-7	2-Methylphenol	65	U	65	170	690	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	83	U	83	170	690	ug/Kg
98-86-2	Acetophenone	140	U	140	170	690	ug/Kg
106-44-5	4-Methylphenol	110	U	110	170	690	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	88.5	350	ug/Kg
67-72-1	Hexachloroethane	130	U	130	88.5	350	ug/Kg
98-95-3	Nitrobenzene	130	U	130	88.5	350	ug/Kg
78-59-1	Isophorone	140	U	140	88.5	350	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	88.5	350	ug/Kg
105-67-9	2,4-Dimethylphenol	67	U	67	88.5	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	94	U	94	88.5	350	ug/Kg
120-83-2	2,4-Dichlorophenol	79	U	79	88.5	350	ug/Kg
91-20-3	Naphthalene	50	U	50	88.5	350	ug/Kg
106-47-8	4-Chloroaniline	75	U	75	88.5	690	ug/Kg
87-68-3	Hexachlorobutadiene	73	U	73	88.5	350	ug/Kg
105-60-2	Caprolactam	130	U	130	170	690	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85	U	85	88.5	350	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	88.5	350	ug/Kg
91-57-6	2-Methylnaphthalene	67	U	67	88.5	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	170	690	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	88.5	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69	U	69	88.5	350	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP9	SDG No.:	BG062124
Lab Sample ID:	P2754-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52
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
BG061628.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	88.5	350	ug/Kg
91-58-7	2-Chloronaphthalene	69	U	69	88.5	350	ug/Kg
88-74-4	2-Nitroaniline	94	U	94	88.5	350	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	88.5	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	42	U	42	88.5	350	ug/Kg
208-96-8	Acenaphthylene	60	U	60	88.5	350	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	170	690	ug/Kg
83-32-9	Acenaphthene	54	U	54	88.5	350	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	170	690	ug/Kg
100-02-7	4-Nitrophenol	92	U	92	170	690	ug/Kg
132-64-9	Dibenzofuran	56	U	56	88.5	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	73	U	73	88.5	350	ug/Kg
84-66-2	Diethylphthalate	69	U	69	88.5	350	ug/Kg
86-73-7	Fluorene	56	U	56	88.5	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	42	U	42	88.5	350	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	170	690	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79	U	79	170	690	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	88.5	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	71	U	71	88.5	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	88.5	350	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	88.5	350	ug/Kg
1912-24-9	Atrazine	58	U	58	170	690	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	170	690	ug/Kg
85-01-8	Phenanthrene	220	J	56	88.5	350	ug/Kg
608-93-5	Pentachlorobenzene	77	U	77	88.5	350	ug/Kg
120-12-7	Anthracene	52	U	52	88.5	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	35	U	35	88.5	350	ug/Kg
86-74-8	Carbazole	71	U	71	170	690	ug/Kg
84-74-2	Di-n-butylphthalate	56	U	56	88.5	350	ug/Kg
206-44-0	Fluoranthene	430		40	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP9	SDG No.:	BG062124
Lab Sample ID:	P2754-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52
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
BG061628.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290	J	38	88.5	350	ug/Kg
85-68-7	Butylbenzylphthalate	46	U	46	88.5	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	170	690	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	48	88.5	350	ug/Kg
218-01-9	Chrysene	200	J	50	88.5	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	J	52	88.5	350	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	170	690	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	J	77	88.5	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	80	J	79	88.5	350	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	65	88.5	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83	J	58	88.5	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54	U	54	88.5	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	U	67	88.5	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	75	U	75	88.5	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.691		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	1.934	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	29.408		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.604		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	28.125		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	34.179		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.17		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.628		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.513		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.428		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	32.456		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.988		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	33.137		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BP9	SDG No.:	BG062124
Lab Sample ID:	P2754-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52
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
BG061628.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.013		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	31.03		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	29.756		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.201		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49476	8.07				
1146-65-2	Naphthalene-d8	238590	10.884				
15067-26-2	Acenaphthene-d10	175981	14.703				
1517-22-2	Phenanthrene-d10	423944	17.441				
1719-03-5	Chrysene-d12	358679	21.707				
1520-96-3	Perylene-d12	436600	24.932				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	180	J			3.734	
	unknown-01	240	J			5.15	
000770-35-4	1-Phenoxypropan-2-ol	260	J			11.624	
000544-63-8	Tetradecanoic acid	670	J			18.334	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	140	J			18.61	
000057-11-4	Octadecanoic acid	330	J			19.603	
	(DEL) Alkane: Cyclic	530	J			21.366	
E966796	Total Alkanes	530				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BQ0	SDG No.:	BG062124
Lab Sample ID:	P2754-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.4
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
BG061629.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	50	U	50	12.3	120	ug/Kg
100-52-7	Benzaldehyde	110	U	110	150	610	ug/Kg
110-86-1	Pyridine	140	U	140	310	610	ug/Kg
108-95-2	Phenol	56	U	56	150	610	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	150	610	ug/Kg
95-57-8	2-Chlorophenol	52	U	52	79	320	ug/Kg
95-48-7	2-Methylphenol	58	U	58	150	610	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	150	610	ug/Kg
98-86-2	Acetophenone	120	U	120	150	610	ug/Kg
106-44-5	4-Methylphenol	99	U	99	150	610	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	79	320	ug/Kg
67-72-1	Hexachloroethane	110	U	110	79	320	ug/Kg
98-95-3	Nitrobenzene	120	U	120	79	320	ug/Kg
78-59-1	Isophorone	120	U	120	79	320	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	79	320	ug/Kg
105-67-9	2,4-Dimethylphenol	60	U	60	79	320	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	84	U	84	79	320	ug/Kg
120-83-2	2,4-Dichlorophenol	71	U	71	79	320	ug/Kg
91-20-3	Naphthalene	45	U	45	79	320	ug/Kg
106-47-8	4-Chloroaniline	67	U	67	79	610	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	79	320	ug/Kg
105-60-2	Caprolactam	120	U	120	150	610	ug/Kg
59-50-7	4-Chloro-3-methylphenol	76	U	76	79	320	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	79	320	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	60	79	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	150	610	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45	U	45	79	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	79	320	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BQ0	SDG No.:	BG062124
Lab Sample ID:	P2754-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.4
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
BG061629.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	79	320	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	61	79	320	ug/Kg
88-74-4	2-Nitroaniline	84	U	84	79	320	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	79	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	37	U	37	79	320	ug/Kg
208-96-8	Acenaphthylene	54	U	54	79	320	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	150	610	ug/Kg
83-32-9	Acenaphthene	72	J	48	79	320	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	150	610	ug/Kg
100-02-7	4-Nitrophenol	82	U	82	150	610	ug/Kg
132-64-9	Dibenzofuran	50	U	50	79	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	65	U	65	79	320	ug/Kg
84-66-2	Diethylphthalate	61	U	61	79	320	ug/Kg
86-73-7	Fluorene	84	J	50	79	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	37	U	37	79	320	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	150	610	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	71	U	71	150	610	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	79	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	79	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	79	320	ug/Kg
118-74-1	Hexachlorobenzene	52	U	52	79	320	ug/Kg
1912-24-9	Atrazine	52	U	52	150	610	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	150	610	ug/Kg
85-01-8	Phenanthrene	730		50	79	320	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	79	320	ug/Kg
120-12-7	Anthracene	230	J	46	79	320	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	32	U	32	79	320	ug/Kg
86-74-8	Carbazole	81	J	63	150	610	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	79	320	ug/Kg
206-44-0	Fluoranthene	780		35	150	320	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BQ0	SDG No.:	BG062124
Lab Sample ID:	P2754-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.4
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
BG061629.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	630		33	79	320	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	79	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	97	U	97	150	610	ug/Kg
56-55-3	Benzo(a)anthracene	290	J	43	79	320	ug/Kg
218-01-9	Chrysene	260	J	45	79	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	46	U	46	79	320	ug/Kg
117-84-0	Di-n-octyl phthalate	89	U	89	150	610	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	J	69	79	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	71	79	320	ug/Kg
50-32-8	Benzo(a)pyrene	220	J	58	79	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	52	79	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	79	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	60	79	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67	U	67	79	320	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.877		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	24.154		20-120		60	SPK: -40
4165-62-2	Phenol-d5	27.163		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.011		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.382		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.944		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	30.527		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.888		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.783		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.004		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.609		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	30.296		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.617		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	30.632		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BQ0	SDG No.:	BG062124
Lab Sample ID:	P2754-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.4
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
BG061629.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.551		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	30.601		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	32.906		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.645		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52013	8.072				
1146-65-2	Naphthalene-d8	254876	10.887				
15067-26-2	Acenaphthene-d10	185291	14.7				
1517-22-2	Phenanthrene-d10	431095	17.444				
1719-03-5	Chrysene-d12	362381	21.709				
1520-96-3	Perylene-d12	449405	24.929				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	150	J			3.736	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.621	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	140	J			18.031	
000057-10-3	n-Hexadecanoic acid	400	J			18.331	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			18.513	
000057-11-4	Octadecanoic acid	190	J			19.6	
	(DEL) Alkane: Straight-Chain21.363	280	J			21.363	
E966796	Total Alkanes	280				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BQ5	SDG No.:	BG062124
Lab Sample ID:	P2754-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.2
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
BG061630.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	44	U	44	10.8	110	ug/Kg
110-86-1	Pyridine	130	U	130	270	540	ug/Kg
100-52-7	Benzaldehyde	95	U	95	140	540	ug/Kg
108-95-2	Phenol	49	U	49	140	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	140	540	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	69.7	280	ug/Kg
95-48-7	2-Methylphenol	51	U	51	140	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	140	540	ug/Kg
98-86-2	Acetophenone	110	U	110	140	540	ug/Kg
106-44-5	4-Methylphenol	87	U	87	140	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	69.7	280	ug/Kg
67-72-1	Hexachloroethane	100	U	100	69.7	280	ug/Kg
98-95-3	Nitrobenzene	100	U	100	69.7	280	ug/Kg
78-59-1	Isophorone	110	U	110	69.7	280	ug/Kg
88-75-5	2-Nitrophenol	98	U	98	69.7	280	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	69.7	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	69.7	280	ug/Kg
120-83-2	2,4-Dichlorophenol	62	U	62	69.7	280	ug/Kg
91-20-3	Naphthalene	39	U	39	69.7	280	ug/Kg
106-47-8	4-Chloroaniline	59	U	59	69.7	540	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	69.7	280	ug/Kg
105-60-2	Caprolactam	100	U	100	140	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	69.7	280	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	69.7	280	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	69.7	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	39	U	39	69.7	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	69.7	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BQ5	SDG No.:	BG062124
Lab Sample ID:	P2754-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.2
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
BG061630.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	43	U	43	69.7	280	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	69.7	280	ug/Kg
88-74-4	2-Nitroaniline	74	U	74	69.7	280	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	69.7	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	69.7	280	ug/Kg
208-96-8	Acenaphthylene	48	U	48	69.7	280	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	140	540	ug/Kg
83-32-9	Acenaphthene	43	U	43	69.7	280	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	140	540	ug/Kg
100-02-7	4-Nitrophenol	72	U	72	140	540	ug/Kg
132-64-9	Dibenzofuran	44	U	44	69.7	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	69.7	280	ug/Kg
84-66-2	Diethylphthalate	54	U	54	69.7	280	ug/Kg
86-73-7	Fluorene	44	U	44	69.7	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	33	U	33	69.7	280	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	140	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	62	U	62	140	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	69.7	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	69.7	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	43	U	43	69.7	280	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	69.7	280	ug/Kg
1912-24-9	Atrazine	46	U	46	140	540	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	140	540	ug/Kg
85-01-8	Phenanthrene	44	U	44	69.7	280	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	69.7	280	ug/Kg
120-12-7	Anthracene	41	U	41	69.7	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	28	U	28	69.7	280	ug/Kg
86-74-8	Carbazole	56	U	56	140	540	ug/Kg
84-74-2	Di-n-butylphthalate	44	U	44	69.7	280	ug/Kg
206-44-0	Fluoranthene	74	J	31	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BQ5	SDG No.:	BG062124
Lab Sample ID:	P2754-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.2
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
BG061630.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	72	J	30	69.7	280	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	69.7	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	85	U	85	140	540	ug/Kg
56-55-3	Benzo(a)anthracene	38	U	38	69.7	280	ug/Kg
218-01-9	Chrysene	39	U	39	69.7	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	41	U	41	69.7	280	ug/Kg
117-84-0	Di-n-octyl phthalate	79	U	79	140	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	61	U	61	69.7	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	U	62	69.7	280	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	69.7	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	69.7	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	69.7	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	69.7	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	69.7	280	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	26.306		20-120		66	SPK: -40
17647-74-4	1,4-Dioxane-d8	6.108		15-120		76	SPK: -8
4165-62-2	Phenol-d5	28.51		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.537		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.496		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	28.804		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	32.97		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.946		10-120		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.096		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.489		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.663		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	32.63		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.224		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	32.456		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	A4BQ5	SDG No.:	BG062124
Lab Sample ID:	P2754-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061630.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.821		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	31.171		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	32.279		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.027		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45949	8.076				
1146-65-2	Naphthalene-d8	220590	10.891				
15067-26-2	Acenaphthene-d10	158796	14.698				
1517-22-2	Phenanthrene-d10	396562	17.442				
1719-03-5	Chrysene-d12	345092	21.707				
1520-96-3	Perylene-d12	405735	24.933				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			3.734	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.619	
000057-10-3	n-Hexadecanoic acid	440	J			18.329	
000057-11-4	Octadecanoic acid	180	J			19.598	
	(DEL) Alkane: Straight-Chain	280	J			21.361	
E966796	Total Alkanes	280				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ1	SDG No.:	BG062124
Lab Sample ID:	P2754-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
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
BG061631.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

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

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ1	SDG No.:	BG062124
Lab Sample ID:	P2754-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
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
BG061631.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	56.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	56.2	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	56.2	220	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	56.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	56.2	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	56.2	220	ug/Kg
99-09-2	3-Nitroaniline	87	U	87	110	440	ug/Kg
83-32-9	Acenaphthene	34	U	34	56.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	36	U	36	56.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	56.2	220	ug/Kg
84-66-2	Diethylphthalate	44	U	44	56.2	220	ug/Kg
86-73-7	Fluorene	36	U	36	56.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56.2	220	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	56.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	56.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	56.2	220	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	56.2	220	ug/Kg
1912-24-9	Atrazine	37	U	37	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	91	J	36	56.2	220	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	56.2	220	ug/Kg
120-12-7	Anthracene	33	U	33	56.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	56.2	220	ug/Kg
86-74-8	Carbazole	45	U	45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	56.2	220	ug/Kg
206-44-0	Fluoranthene	250		25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ1	SDG No.:	BG062124
Lab Sample ID:	P2754-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
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
BG061631.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	24	56.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	56.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	93	J	30	56.2	220	ug/Kg
218-01-9	Chrysene	130	J	32	56.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65	J	33	56.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	J	49	56.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	J	50	56.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	61	J	41	56.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60	J	37	56.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	56.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	56.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	56.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.247		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	31.164		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.296		10-150		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.176		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	27.454		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	35.188		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.845		10-120		102	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.4		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.883		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.361		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	34.347		15-120		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.874		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	34.299		20-140		86	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ1	SDG No.:	BG062124
Lab Sample ID:	P2754-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
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
BG061631.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.703		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	33.14		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	31.927		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.934		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47832	8.072				
1146-65-2	Naphthalene-d8	241065	10.887				
15067-26-2	Acenaphthene-d10	179569	14.7				
1517-22-2	Phenanthrene-d10	417106	17.444				
1719-03-5	Chrysene-d12	359173	21.704				
1520-96-3	Perylene-d12	426628	24.929				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	170	J			5.152	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.621	
1000189-12-5	1-Hydroxy-4,3-dimethyl-bicyclohe	200	J			13.666	
000057-10-3	n-Hexadecanoic acid	640	J			18.331	
000057-11-4	Octadecanoic acid	270	J			19.6	
074339-54-1	Trichloroacetic acid, hexadecyl es	880	J			21.363	
	(DEL) Alkane: Straight-Chain22.561	1300	J			22.561	
	(DEL) Alkane: Straight-Chain24.083	1500	J			24.083	
	(DEL) Alkane: Straight-Chain26.216	710	J			26.216	
E966796	Total Alkanes	3500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ4	SDG No.:	BG062124
Lab Sample ID:	P2754-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061632.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	57	U	57	14	140	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	700	ug/Kg
110-86-1	Pyridine	160	U	160	350	700	ug/Kg
108-95-2	Phenol	64	U	64	170	700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	61	U	61	170	700	ug/Kg
95-57-8	2-Chlorophenol	59	U	59	90	360	ug/Kg
95-48-7	2-Methylphenol	66	U	66	170	700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	170	700	ug/Kg
98-86-2	Acetophenone	140	U	140	170	700	ug/Kg
106-44-5	4-Methylphenol	110	U	110	170	700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	90	360	ug/Kg
67-72-1	Hexachloroethane	130	U	130	90	360	ug/Kg
98-95-3	Nitrobenzene	140	U	140	90	360	ug/Kg
78-59-1	Isophorone	140	U	140	90	360	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	90	360	ug/Kg
105-67-9	2,4-Dimethylphenol	68	U	68	90	360	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	95	U	95	90	360	ug/Kg
120-83-2	2,4-Dichlorophenol	81	U	81	90	360	ug/Kg
91-20-3	Naphthalene	51	U	51	90	360	ug/Kg
106-47-8	4-Chloroaniline	76	U	76	90	700	ug/Kg
87-68-3	Hexachlorobutadiene	74	U	74	90	360	ug/Kg
105-60-2	Caprolactam	140	U	140	170	700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87	U	87	90	360	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	90	360	ug/Kg
91-57-6	2-Methylnaphthalene	68	U	68	90	360	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	170	700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	90	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	70	U	70	90	360	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ4	SDG No.:	BG062124
Lab Sample ID:	P2754-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061632.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	90	360	ug/Kg
91-58-7	2-Chloronaphthalene	70	U	70	90	360	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	90	360	ug/Kg
131-11-3	Dimethylphthalate	64	U	64	90	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	42	U	42	90	360	ug/Kg
208-96-8	Acenaphthylene	61	U	61	90	360	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	170	700	ug/Kg
83-32-9	Acenaphthene	55	U	55	90	360	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	170	700	ug/Kg
100-02-7	4-Nitrophenol	93	U	93	170	700	ug/Kg
132-64-9	Dibenzofuran	57	U	57	90	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	90	360	ug/Kg
84-66-2	Diethylphthalate	70	U	70	90	360	ug/Kg
86-73-7	Fluorene	57	U	57	90	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	42	U	42	90	360	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	170	700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81	U	81	170	700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	90	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72	U	72	90	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	90	360	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	90	360	ug/Kg
1912-24-9	Atrazine	59	U	59	170	700	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	170	700	ug/Kg
85-01-8	Phenanthrene	220	J	57	90	360	ug/Kg
608-93-5	Pentachlorobenzene	78	U	78	90	360	ug/Kg
120-12-7	Anthracene	53	U	53	90	360	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	36	U	36	90	360	ug/Kg
86-74-8	Carbazole	72	U	72	170	700	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	90	360	ug/Kg
206-44-0	Fluoranthene	390		40	170	360	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ4	SDG No.:	BG062124
Lab Sample ID:	P2754-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061632.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260	J	38	90	360	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	90	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	170	700	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	49	90	360	ug/Kg
218-01-9	Chrysene	170	J	51	90	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	410		53	90	360	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	170	700	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	J	78	90	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	U	81	90	360	ug/Kg
50-32-8	Benzo(a)pyrene	85	J	66	90	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	U	59	90	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	90	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68	U	68	90	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	76	U	76	90	360	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.065		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	29.32		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.304		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.249		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.835		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	34.165		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.152		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.248		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.197		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.212		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	32.967		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.134		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	34.56		20-140		86	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ4	SDG No.:	BG062124
Lab Sample ID:	P2754-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061632.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.6		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	34.015		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	32.471		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.466		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51951	8.076				
1146-65-2	Naphthalene-d8	242502	10.885				
15067-26-2	Acenaphthene-d10	180364	14.698				
1517-22-2	Phenanthrene-d10	431520	17.442				
1719-03-5	Chrysene-d12	363265	21.708				
1520-96-3	Perylene-d12	444520	24.933				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	200	J			3.735	
	unknown-01	240	J			5.151	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	170	J			7.659	
000770-35-4	1-Phenoxypropan-2-ol	400	J			11.625	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	280	J			18.029	
000057-10-3	n-Hexadecanoic acid	820	J			18.329	
000057-11-4	Octadecanoic acid	540	J			19.604	
	(DEL) Alkane: Cyclic21.367	720	J			21.367	
E966796	Total Alkanes	720				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ6	SDG No.:	BG062124
Lab Sample ID:	P2754-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
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
BG061633.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	97.7	390	ug/Kg
110-86-1	Pyridine	91	U	91	200	390	ug/Kg
108-95-2	Phenol	36	U	36	97.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.7	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.3	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.7	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.7	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	97.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.3	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.3	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.3	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.3	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.3	200	ug/Kg
91-20-3	Naphthalene	28	U	28	50.3	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.3	200	ug/Kg
105-60-2	Caprolactam	76	U	76	97.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ6	SDG No.:	BG062124
Lab Sample ID:	P2754-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
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
BG061633.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.3	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.3	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.3	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.3	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.7	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.7	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.7	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.3	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.3	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.3	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.3	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.3	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.7	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.7	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.3	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.3	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.3	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.3	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	97.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ6	SDG No.:	BG062124
Lab Sample ID:	P2754-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
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
BG061633.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	50.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	97.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.3	200	ug/Kg
218-01-9	Chrysene	28	U	28	50.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.804		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	20.618		20-120		52	SPK: -40
4165-62-2	Phenol-d5	24.857		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.458		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.978		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.742		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	26.523		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.987		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.724		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.383		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.435		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	28.474		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.898		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	27.969		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ6	SDG No.:	BG062124
Lab Sample ID:	P2754-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
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
BG061633.D	1	6/10/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.575		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	27.092		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	28.456		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.58		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50114	8.073				
1146-65-2	Naphthalene-d8	244198	10.888				
15067-26-2	Acenaphthene-d10	177906	14.701				
1517-22-2	Phenanthrene-d10	440526	17.445				
1719-03-5	Chrysene-d12	386651	21.704				
1520-96-3	Perylene-d12	456649	24.93				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	180	J			3.737	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.622	
000057-10-3	n-Hexadecanoic acid	330	J			18.332	
001002-84-2	Pentadecanoic acid	130	J			19.601	
	(DEL) Alkane: Cyclic21.364	310	J			21.364	
	(DEL) Alkane: Straight-Chain22.562	250	J			22.562	
E966796	Total Alkanes	560				99	ug/Kg



Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ7	SDG No.:	BG062124
Lab Sample ID:	P2754-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Cleanup :	
		GPC Factor :	
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061634.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	8.7	88	ug/Kg
100-52-7	Benzaldehyde	77	U	77	110	440	ug/Kg
110-86-1	Pyridine	100	U	100	220	440	ug/Kg
108-95-2	Phenol	40	U	40	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	440	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	56.3	230	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	110	440	ug/Kg
98-86-2	Acetophenone	87	U	87	110	440	ug/Kg
106-44-5	4-Methylphenol	70	U	70	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	56.3	230	ug/Kg
67-72-1	Hexachloroethane	81	U	81	56.3	230	ug/Kg
98-95-3	Nitrobenzene	85	U	85	56.3	230	ug/Kg
78-59-1	Isophorone	87	U	87	56.3	230	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	56.3	230	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	56.3	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	56.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	56.3	230	ug/Kg
91-20-3	Naphthalene	32	U	32	56.3	230	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	56.3	440	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	56.3	230	ug/Kg
105-60-2	Caprolactam	85	U	85	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	56.3	230	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	56.3	230	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	56.3	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	56.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	56.3	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ7	SDG No.:	BG062124
Lab Sample ID:	P2754-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.7
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
BG061634.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	56.3	230	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	56.3	230	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	56.3	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	56.3	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	56.3	230	ug/Kg
208-96-8	Acenaphthylene	38	U	38	56.3	230	ug/Kg
99-09-2	3-Nitroaniline	87	U	87	110	440	ug/Kg
83-32-9	Acenaphthene	34	U	34	56.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	36	U	36	56.3	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	56.3	230	ug/Kg
84-66-2	Diethylphthalate	44	U	44	56.3	230	ug/Kg
86-73-7	Fluorene	36	U	36	56.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56.3	230	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	56.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	56.3	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	56.3	230	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	56.3	230	ug/Kg
1912-24-9	Atrazine	37	U	37	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	36	U	36	56.3	230	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	56.3	230	ug/Kg
120-12-7	Anthracene	33	U	33	56.3	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	56.3	230	ug/Kg
86-74-8	Carbazole	45	U	45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	56.3	230	ug/Kg
206-44-0	Fluoranthene	25	U	25	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ7	SDG No.:	BG062124
Lab Sample ID:	P2754-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.7
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
BG061634.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24	U	24	56.3	230	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	56.3	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	56.3	230	ug/Kg
218-01-9	Chrysene	32	U	32	56.3	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	56.3	230	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	64	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	56.3	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	56.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	56.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	56.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	56.3	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	56.3	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	56.3	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.73		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	23.641		20-120		59	SPK: -40
4165-62-2	Phenol-d5	25.101		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.88		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.437		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.542		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	29.811		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.466		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.48		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.49		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.149		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.934		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.69		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	28.154		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4BQ7	SDG No.:	BG062124
Lab Sample ID:	P2754-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.7
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
BG061634.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.517		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	28.193		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	29.022		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.111		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54407	8.076				
1146-65-2	Naphthalene-d8	262321	10.89				
15067-26-2	Acenaphthene-d10	189008	14.698				
1517-22-2	Phenanthrene-d10	452064	17.441				
1719-03-5	Chrysene-d12	395225	21.707				
1520-96-3	Perylene-d12	477548	24.933				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	230	J			3.74	
	unknown-02	98	J			7.659	
000770-35-4	1-Phenoxypropan-2-ol	210	J			11.625	
000057-10-3	n-Hexadecanoic acid	260	J			18.328	
000334-48-5	n-Decanoic acid	92	J			19.598	
	(DEL) Alkane: Straight-Chain	220	J			21.36	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CX9	SDG No.:	BG062124
Lab Sample ID:	P2754-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061635.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	71	U	71	100	400	ug/Kg
110-86-1	Pyridine	94	U	94	200	400	ug/Kg
108-95-2	Phenol	37	U	37	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52.1	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	81	U	81	100	400	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	52.1	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.1	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.1	210	ug/Kg
78-59-1	Isophorone	81	U	81	52.1	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.1	210	ug/Kg
91-20-3	Naphthalene	29	U	29	52.1	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.1	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	52.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	52.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	52.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	52.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	52.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CX9	SDG No.:	BG062124
Lab Sample ID:	P2754-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061635.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	52.1	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52.1	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.1	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.1	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.1	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	52.1	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.1	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	52.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.1	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52.1	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	52.1	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.1	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.1	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.1	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CX9	SDG No.:	BG062124
Lab Sample ID:	P2754-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061635.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	52.1	210	ug/Kg
218-01-9	Chrysene	29	U	29	52.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	52.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	52.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	52.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	52.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.178		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.79		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.264		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.354		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	19.941		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	26.964		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.901		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.058		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.333		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.949		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	24.996		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.363		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	24.295		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CX9	SDG No.:	BG062124
Lab Sample ID:	P2754-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061635.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.051		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	23.402		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	24.728		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.225		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60019	8.078				
1146-65-2	Naphthalene-d8	293495	10.887				
15067-26-2	Acenaphthene-d10	210915	14.7				
1517-22-2	Phenanthrene-d10	478234	17.444				
1719-03-5	Chrysene-d12	424344	21.703				
1520-96-3	Perylene-d12	507802	24.935				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.621	
000057-10-3	n-Hexadecanoic acid	310	J			18.331	
000057-11-4	Octadecanoic acid	130	J			19.6	
959261-25-7	Pentafluoropropionic acid, octadec	740	J			21.363	
000629-80-1	Hexadecanal	88	J			22.173	
	(DEL) Alkane: Straight-Chain22.555	1100	J			22.555	
000638-66-4	Octadecanal	380	J			23.607	
	(DEL) Alkane: Straight-Chain24.083	1100	J			24.083	
014811-95-1	1,19-Eicosadiene	830	J			25.575	
	(DEL) Alkane: Straight-Chain26.222	760	J			26.222	
	(DEL) Alkane: Straight-Chain26.322	770	J			26.322	
E966796	Total Alkanes	3700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY0	SDG No.:	BG062124
Lab Sample ID:	P2754-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061636.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

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

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY0	SDG No.:	BG062124
Lab Sample ID:	P2754-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061636.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

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

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY0	SDG No.:	BG062124
Lab Sample ID:	P2754-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061636.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	45.5	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.5	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	88.3	350	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	45.5	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.5	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	88.3	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	45.5	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.5	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.5	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.5	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.5	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.5	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.706		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	19.769		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.024		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.283		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.957		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	27.788		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.019		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.643		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.907		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.982		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	26.348		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.97	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	25.621		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY0	SDG No.:	BG062124
Lab Sample ID:	P2754-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061636.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.257	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	26.171		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.3		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.967		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53431	8.072				
1146-65-2	Naphthalene-d8	264228	10.887				
15067-26-2	Acenaphthene-d10	188198	14.7				
1517-22-2	Phenanthrene-d10	445398	17.444				
1719-03-5	Chrysene-d12	396530	21.703				
1520-96-3	Perylene-d12	473993	24.929				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.621	
	(DEL) Alkane: Straight-Chain	21.363	J			21.363	
000930-02-9	Octadecane, 1-(ethenyloxy)-	97	J			22.555	
E966796	Total Alkanes	270				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY2	SDG No.:	BG062124
Lab Sample ID:	P2754-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.8
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
BG061637.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.1	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	88.2	350	ug/Kg
110-86-1	Pyridine	82	U	82	180	350	ug/Kg
108-95-2	Phenol	32	U	32	88.2	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	88.2	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.4	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	88.2	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	88.2	350	ug/Kg
98-86-2	Acetophenone	71	U	71	88.2	350	ug/Kg
106-44-5	4-Methylphenol	57	U	57	88.2	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45.4	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.4	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45.4	180	ug/Kg
78-59-1	Isophorone	71	U	71	45.4	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.4	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.4	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.4	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.4	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45.4	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.4	180	ug/Kg
105-60-2	Caprolactam	68	U	68	88.2	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.4	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.2	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.4	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY2	SDG No.:	BG062124
Lab Sample ID:	P2754-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.8
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
BG061637.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.4	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.4	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.4	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.4	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.4	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	88.2	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	88.2	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.2	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.4	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.4	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.4	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.4	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	88.2	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	88.2	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.4	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.4	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.4	180	ug/Kg
1912-24-9	Atrazine	30	U	30	88.2	350	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	88.2	350	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.4	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.4	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.4	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.4	180	ug/Kg
86-74-8	Carbazole	36	U	36	88.2	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.4	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	88.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY2	SDG No.:	BG062124
Lab Sample ID:	P2754-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.8
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
BG061637.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	45.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.4	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	88.2	350	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	45.4	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	88.2	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	45.4	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.4	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.4	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45.4	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.768		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	4.052	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	20.316		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.832		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.108		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.505		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	23.959		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.765		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.958		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.595		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.736		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	21.673		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.313		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	21.734		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	6/6/2024 12:00:00 AM
Project:		Date Received:	6/6/2024 12:00:00 AM
Client Sample ID:	A4CY2	SDG No.:	BG062124
Lab Sample ID:	P2754-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.8
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
BG061637.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.853		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	21.756		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	22.038		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.32		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50852	8.077				
1146-65-2	Naphthalene-d8	246024	10.891				
15067-26-2	Acenaphthene-d10	179736	14.698				
1517-22-2	Phenanthrene-d10	434339	17.442				
1719-03-5	Chrysene-d12	387019	21.702				
1520-96-3	Perylene-d12	454343	24.927				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.62	
	(DEL) Alkane: Straight-Chain	240	J			21.361	
E966796	Total Alkanes	240				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SLCS409	SDG No.:	BG062124
Lab Sample ID:	PB161409BS	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
BG061638.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	410		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1400		58	82.5	330	ug/Kg
110-86-1	Pyridine	1000		77	170	330	ug/Kg
108-95-2	Phenol	1200		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1300		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1200		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		40	82.5	330	ug/Kg
98-86-2	Acetophenone	1100		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1200		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1200		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1300		64	42.5	170	ug/Kg
78-59-1	Isophorone	1100		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1500		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		38	42.5	170	ug/Kg
91-20-3	Naphthalene	1200		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1000		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1300		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	810		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SLCS409	SDG No.:	BG062124
Lab Sample ID:	PB161409BS	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
BG061638.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1200		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1200		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1600		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1200		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1400		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1300		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1200		33	42.5	170	ug/Kg
86-73-7	Fluorene	1300		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1600		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		28	42.5	170	ug/Kg
1912-24-9	Atrazine	900		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1300		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1200		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1400		37	42.5	170	ug/Kg
120-12-7	Anthracene	1200		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		17	42.5	170	ug/Kg
86-74-8	Carbazole	1300		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1300		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1300		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SLCS409	SDG No.:	BG062124
Lab Sample ID:	PB161409BS	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
BG061638.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1300		23	42.5	170	ug/Kg
218-01-9	Chrysene	1300		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.126		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	32.499		20-120		81	SPK: -40
4165-62-2	Phenol-d5	35.625		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.842		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.609		15-120		92	SPK: -40
190780-66-6	4-Methylphenol-d8	34.996		10-140		87	SPK: -40
4165-60-0	Nitrobenzene-d5	39.963		10-135		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.887		10-120		110	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.946		10-140		95	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.349		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.769		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	38.78		15-120		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	41.062		10-150		103	SPK: -40
81103-79-9	Fluorene-d10	37.668		20-140		94	SPK: -40

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	SLCS409	SDG No.:	BG062124
Lab Sample ID:	PB161409BS	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
BG061638.D	1	6/10/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161409

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	44.989		10-130		112	SPK: -40
1719-06-8	Anthracene-d10	37.551		10-150		94	SPK: -40
1718-52-1	Pyrene-d10	39.328		10-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.172		10-140		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55845	8.079				
1146-65-2	Naphthalene-d8	271189	10.887				
15067-26-2	Acenaphthene-d10	195994	14.7				
1517-22-2	Phenanthrene-d10	464279	17.444				
1719-03-5	Chrysene-d12	403188	21.71				
1520-96-3	Perylene-d12	484683	24.929				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BP2								
P2754-01	A4BP2	Solid	(DEL) Alkane: Cyclic21.369	*	550.000	J		
P2754-01	A4BP2	Solid	(DEL) Alkane: Straight-Chain22.5	*	430.000	J		
P2754-01	A4BP2	Solid	n-Hexadecanoic acid	*	770.000	J		
P2754-01	A4BP2	Solid	Octadecanoic acid	*	240.000	J		
P2754-01	A4BP2	Solid	unknown-01	*	260.000	J		
P2754-01	A4BP2	Solid	Total Alkanes	*	980.000	61	400	ug/Kg
			Total Tics :		3,230.00			
P2754-01	A4BP2	Solid	Acetophenone		160.000	J 150	770	ug/Kg
P2754-01	A4BP2	Solid	Benzo(a)anthracene		330.000	J 54	400	ug/Kg
P2754-01	A4BP2	Solid	Benzo(a)pyrene		210.000	J 72	400	ug/Kg
P2754-01	A4BP2	Solid	Benzo(b)fluoranthene		590.000	86	400	ug/Kg
P2754-01	A4BP2	Solid	Benzo(k)fluoranthene		210.000	J 89	400	ug/Kg
P2754-01	A4BP2	Solid	Bis(2-ethylhexyl)phthalate		200.000	J 58	400	ug/Kg
P2754-01	A4BP2	Solid	Chrysene		440.000	56	400	ug/Kg
P2754-01	A4BP2	Solid	Fluoranthene		840.000	44	400	ug/Kg
P2754-01	A4BP2	Solid	Indeno(1,2,3-cd)pyrene		170.000	J 65	400	ug/Kg
P2754-01	A4BP2	Solid	Phenanthrene		360.000	J 63	400	ug/Kg
P2754-01	A4BP2	Solid	Pyrene		570.000	42	400	ug/Kg
			Total Svoc :		4,080.00			
			Total Concentration:		7,310.00			
Client ID : A4BP3								
P2754-02	A4BP3	Solid	n-Hexadecanoic acid	*	340.000	J		
P2754-02	A4BP3	Solid	Total Alkanes	*	0.000	35	230	ug/Kg
			Total Tics :		340.00			
P2754-02	A4BP3	Solid	Fluoranthene		54.000	J 25	230	ug/Kg
P2754-02	A4BP3	Solid	Pyrene		56.000	J 24	230	ug/Kg
			Total Svoc :		110.00			
			Total Concentration:		450.00			
Client ID : A4BP4								
P2754-03	A4BP4	Solid	(DEL) Alkane: Cyclic21.369	*	420.000	J		
P2754-03	A4BP4	Solid	1-Phenoxypentan-2-ol	*	320.000	J		
P2754-03	A4BP4	Solid	n-Hexadecanoic acid	*	730.000	J		
P2754-03	A4BP4	Solid	Octadecanoic acid	*	190.000	J		
P2754-03	A4BP4	Solid	unknown-01	*	220.000	J		
P2754-03	A4BP4	Solid	unknown-02	*	240.000	J		
P2754-03	A4BP4	Solid	Total Alkanes	*	420.000	66	430	ug/Kg
			Total Tics :		2,540.00			

Hit Summary Sheet SW-846

SDG No.: BG062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2754-03	A4BP4	Solid	Acetophenone	200.000	J	170	830	ug/Kg
P2754-03	A4BP4	Solid	Benzo(a)anthracene	360.000	J	58	430	ug/Kg
P2754-03	A4BP4	Solid	Benzo(a)pyrene	230.000	J	78	430	ug/Kg
P2754-03	A4BP4	Solid	Benzo(b)fluoranthene	660.000		93	430	ug/Kg
P2754-03	A4BP4	Solid	Benzo(k)fluoranthene	180.000	J	96	430	ug/Kg
P2754-03	A4BP4	Solid	Bis(2-ethylhexyl)phthalate	260.000	J	63	430	ug/Kg
P2754-03	A4BP4	Solid	Chrysene	460.000		61	430	ug/Kg
P2754-03	A4BP4	Solid	Fluoranthene	900.000		48	430	ug/Kg
P2754-03	A4BP4	Solid	Indeno(1,2,3-cd)pyrene	180.000	J	71	430	ug/Kg
P2754-03	A4BP4	Solid	Phenanthrene	340.000	J	68	430	ug/Kg
P2754-03	A4BP4	Solid	Pyrene	620.000		45	430	ug/Kg
Total Svoc :				4,390.00				
Total Concentration:				6,930.00				
Client ID : A4BP5								
P2754-04	A4BP5	Solid	(DEL) Alkane: Cyclic21.367	*	180.000	J		
P2754-04	A4BP5	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P2754-04	A4BP5	Solid	n-Hexadecanoic acid	*	300.000	J		
P2754-04	A4BP5	Solid	Octadecanoic acid	*	150.000	J		
P2754-04	A4BP5	Solid	unknown-01	*	100.000	J		
P2754-04	A4BP5	Solid	Total Alkanes	*	180.000		35	230 ug/Kg
Total Tics :				1,070.00				
P2754-04	A4BP5	Solid	Benzo(a)anthracene	61.000	J	31	230	ug/Kg
P2754-04	A4BP5	Solid	Benzo(a)pyrene	58.000	J	42	230	ug/Kg
P2754-04	A4BP5	Solid	Benzo(b)fluoranthene	77.000	J	50	230	ug/Kg
P2754-04	A4BP5	Solid	Bis(2-ethylhexyl)phthalate	120.000	J	34	230	ug/Kg
P2754-04	A4BP5	Solid	Chrysene	71.000	J	33	230	ug/Kg
P2754-04	A4BP5	Solid	Fluoranthene	150.000	J	26	230	ug/Kg
P2754-04	A4BP5	Solid	Phenanthrene	130.000	J	37	230	ug/Kg
P2754-04	A4BP5	Solid	Pyrene	150.000	J	24	230	ug/Kg
Total Svoc :				817.00				
Total Concentration:				1,887.00				
Client ID : A4BP6								
P2754-05	A4BP6	Solid	(DEL) Alkane: Straight-Chain21.367	*	510.000	J		
P2754-05	A4BP6	Solid	1-Propanol, 3-phenoxy-	*	290.000	J		
P2754-05	A4BP6	Solid	4H-Cyclopenta[def]phenanthrene	*	240.000	J		
P2754-05	A4BP6	Solid	n-Hexadecanoic acid	*	1,200.000	J		
P2754-05	A4BP6	Solid	Octadecanoic acid	*	330.000	J		
P2754-05	A4BP6	Solid	R-(-)-1,2-propanediol	*	280.000	J		
P2754-05	A4BP6	Solid	unknown-01	*	210.000	J		

Hit Summary Sheet SW-846

SDG No.: BG062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2754-05	A4BP6	Solid	unknown-02	*	200.000	J		
P2754-05	A4BP6	Solid	Total Alkanes	*	510.000	56	360	ug/Kg
Total Tics :				3,770.00				
P2754-05	A4BP6	Solid	Acetophenone	150.000	J	140	710	ug/Kg
P2754-05	A4BP6	Solid	Anthracene	130.000	J	54	360	ug/Kg
P2754-05	A4BP6	Solid	Benzo(a)anthracene	710.000		49	360	ug/Kg
P2754-05	A4BP6	Solid	Benzo(a)pyrene	450.000		66	360	ug/Kg
P2754-05	A4BP6	Solid	Benzo(b)fluoranthene	1,200.000		79	360	ug/Kg
P2754-05	A4BP6	Solid	Benzo(g,h,i)perylene	77.000	J	69	360	ug/Kg
P2754-05	A4BP6	Solid	Benzo(k)fluoranthene	370.000		81	360	ug/Kg
P2754-05	A4BP6	Solid	Bis(2-ethylhexyl)phthalate	590.000		54	360	ug/Kg
P2754-05	A4BP6	Solid	Carbazole	99.000	J	73	710	ug/Kg
P2754-05	A4BP6	Solid	Chrysene	890.000		51	360	ug/Kg
P2754-05	A4BP6	Solid	Dibenzo(a,h)anthracene	160.000	J	56	360	ug/Kg
P2754-05	A4BP6	Solid	Fluoranthene	1,700.000		41	360	ug/Kg
P2754-05	A4BP6	Solid	Indeno(1,2,3-cd)pyrene	360.000		60	360	ug/Kg
P2754-05	A4BP6	Solid	Phenanthrene	790.000		58	360	ug/Kg
P2754-05	A4BP6	Solid	Pyrene	1,200.000		39	360	ug/Kg
Total Svoc :				8,876.00				
Total Concentration:				12,646.00				

Client ID : A4BP7

P2754-08	A4BP7	Solid	1,2-Cyclohexanedicarboxylic acid *	140.000	J			
P2754-08	A4BP7	Solid	1-Docosanethiol *	280.000	J			
P2754-08	A4BP7	Solid	1-Phenoxypropan-2-ol *	130.000	J			
P2754-08	A4BP7	Solid	n-Hexadecanoic acid *	370.000	J			
P2754-08	A4BP7	Solid	Octadecanoic acid *	170.000	J			
P2754-08	A4BP7	Solid	unknown-01 *	110.000	J			
P2754-08	A4BP7	Solid	unknown-02 *	110.000	J			
P2754-08	A4BP7	Solid	Total Alkanes *	0.000		31	200	ug/Kg
Total Tics :				1,310.00				
P2754-08	A4BP7	Solid	Benzo(a)anthracene	86.000	J	27	200	ug/Kg
P2754-08	A4BP7	Solid	Benzo(a)pyrene	43.000	J	36	200	ug/Kg
P2754-08	A4BP7	Solid	Benzo(b)fluoranthene	110.000	J	43	200	ug/Kg
P2754-08	A4BP7	Solid	Bis(2-ethylhexyl)phthalate	16,000.000	E	29	200	ug/Kg
P2754-08	A4BP7	Solid	Chrysene	85.000	J	28	200	ug/Kg
P2754-08	A4BP7	Solid	Fluoranthene	180.000	J	22	200	ug/Kg
P2754-08	A4BP7	Solid	Phenanthrene	110.000	J	32	200	ug/Kg
P2754-08	A4BP7	Solid	Pyrene	140.000	J	21	200	ug/Kg
Total Svoc :				16,754.00				

Hit Summary Sheet SW-846

SDG No.: BG062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				18,064.00				
Client ID : A4BP8								
P2754-09	A4BP8	Solid	(DEL) Alkane: Straight-Chain21.3	*	340.000	J		
P2754-09	A4BP8	Solid	1-Phenoxypropan-2-ol	*	230.000	J		
P2754-09	A4BP8	Solid	Octadecanoic acid	*	150.000	J		
P2754-09	A4BP8	Solid	Pentadecanoic acid	*	380.000	J		
P2754-09	A4BP8	Solid	R-(-)-1,2-propanediol	*	170.000	J		
P2754-09	A4BP8	Solid	unknown-01	*	180.000	J		
P2754-09	A4BP8	Solid	Total Alkanes	*	340.000		49	ug/Kg
Total Tics :				1,790.00				
P2754-09	A4BP8	Solid	Benzo(a)anthracene		120.000	J	43	ug/Kg
P2754-09	A4BP8	Solid	Benzo(b)fluoranthene		160.000	J	70	ug/Kg
P2754-09	A4BP8	Solid	Bis(2-ethylhexyl)phthalate		230.000	J	47	ug/Kg
P2754-09	A4BP8	Solid	Chrysene		140.000	J	45	ug/Kg
P2754-09	A4BP8	Solid	Fluoranthene		260.000	J	36	ug/Kg
P2754-09	A4BP8	Solid	Phenanthrene		200.000	J	51	ug/Kg
P2754-09	A4BP8	Solid	Pyrene		210.000	J	34	ug/Kg
Total Svoc :				1,320.00				
Total Concentration:				3,110.00				
Client ID : A4BP9								
P2754-10	A4BP9	Solid	(DEL) Alkane: Cyclic21.366	*	530.000	J		
P2754-10	A4BP9	Solid	1-Phenoxypropan-2-ol	*	260.000	J		
P2754-10	A4BP9	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	140.000	J		
P2754-10	A4BP9	Solid	Octadecanoic acid	*	330.000	J		
P2754-10	A4BP9	Solid	R-(-)-1,2-propanediol	*	180.000	J		
P2754-10	A4BP9	Solid	Tetradecanoic acid	*	670.000	J		
P2754-10	A4BP9	Solid	unknown-01	*	240.000	J		
P2754-10	A4BP9	Solid	Total Alkanes	*	530.000		54	ug/Kg
Total Tics :				2,880.00				
P2754-10	A4BP9	Solid	Benzo(a)anthracene		190.000	J	48	ug/Kg
P2754-10	A4BP9	Solid	Benzo(a)pyrene		100.000	J	65	ug/Kg
P2754-10	A4BP9	Solid	Benzo(b)fluoranthene		280.000	J	77	ug/Kg
P2754-10	A4BP9	Solid	Benzo(k)fluoranthene		80.000	J	79	ug/Kg
P2754-10	A4BP9	Solid	Bis(2-ethylhexyl)phthalate		250.000	J	52	ug/Kg
P2754-10	A4BP9	Solid	Chrysene		200.000	J	50	ug/Kg
P2754-10	A4BP9	Solid	Fluoranthene		430.000		40	ug/Kg
P2754-10	A4BP9	Solid	Indeno(1,2,3-cd)pyrene		83.000	J	58	ug/Kg
P2754-10	A4BP9	Solid	Phenanthrene		220.000	J	56	ug/Kg
P2754-10	A4BP9	Solid	Pyrene		290.000	J	38	ug/Kg
Total Svoc :				2,123.00				

Hit Summary Sheet SW-846

SDG No.: BG062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				5,003.00				
Client ID : A4BQ0								
P2754-11	A4BQ0	Solid	(DEL) Alkane: Straight-Chain21.3 *	280.000	J			
P2754-11	A4BQ0	Solid	1,1-Biphenyl, 2,3,3-trichloro- *	140.000	J			
P2754-11	A4BQ0	Solid	1-Phenoxypropan-2-ol *	200.000	J			
P2754-11	A4BQ0	Solid	4H-Cyclopenta[def]phenanthrene *	190.000	J			
P2754-11	A4BQ0	Solid	n-Hexadecanoic acid *	400.000	J			
P2754-11	A4BQ0	Solid	Octadecanoic acid *	190.000	J			
P2754-11	A4BQ0	Solid	unknown-01 *	150.000	J			
P2754-11	A4BQ0	Solid	Total Alkanes *	280.000		48	320	ug/Kg
Total Tics :				1,830.00				
P2754-11	A4BQ0	Solid	Acenaphthene	72.000	J	48	320	ug/Kg
P2754-11	A4BQ0	Solid	Anthracene	230.000	J	46	320	ug/Kg
P2754-11	A4BQ0	Solid	Benzo(a)anthracene	290.000	J	43	320	ug/Kg
P2754-11	A4BQ0	Solid	Benzo(a)pyrene	220.000	J	58	320	ug/Kg
P2754-11	A4BQ0	Solid	Benzo(b)fluoranthene	260.000	J	69	320	ug/Kg
P2754-11	A4BQ0	Solid	Benzo(g,h,i)perylene	130.000	J	60	320	ug/Kg
P2754-11	A4BQ0	Solid	Benzo(k)fluoranthene	110.000	J	71	320	ug/Kg
P2754-11	A4BQ0	Solid	Carbazole	81.000	J	63	610	ug/Kg
P2754-11	A4BQ0	Solid	Chrysene	260.000	J	45	320	ug/Kg
P2754-11	A4BQ0	Solid	Fluoranthene	780.000		35	320	ug/Kg
P2754-11	A4BQ0	Solid	Fluorene	84.000	J	50	320	ug/Kg
P2754-11	A4BQ0	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	52	320	ug/Kg
P2754-11	A4BQ0	Solid	Phenanthrene	730.000		50	320	ug/Kg
P2754-11	A4BQ0	Solid	Pyrene	630.000		33	320	ug/Kg
Total Svoc :				3,997.00				
Total Concentration:				5,827.00				
Client ID : A4BQ5								
P2754-12	A4BQ5	Solid	(DEL) Alkane: Straight-Chain21.3 *	280.000	J			
P2754-12	A4BQ5	Solid	1-Phenoxypropan-2-ol *	190.000	J			
P2754-12	A4BQ5	Solid	n-Hexadecanoic acid *	440.000	J			
P2754-12	A4BQ5	Solid	Octadecanoic acid *	180.000	J			
P2754-12	A4BQ5	Solid	unknown-01 *	130.000	J			
P2754-12	A4BQ5	Solid	Total Alkanes *	280.000		43	280	ug/Kg
Total Tics :				1,500.00				
P2754-12	A4BQ5	Solid	Fluoranthene	74.000	J	31	280	ug/Kg
P2754-12	A4BQ5	Solid	Pyrene	72.000	J	30	280	ug/Kg
Total Svoc :				146.00				
Total Concentration:				1,646.00				

Hit Summary Sheet SW-846

SDG No.: BG062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4DG4								
P2754-16	A4DG4	Solid	(DEL) Alkane: Straight-Chain24.(*	120.000	J			
P2754-16	A4DG4	Solid	(DEL) Alkane: Straight-Chain26.2 *	150.000	J			
P2754-16	A4DG4	Solid	(DEL) Alkane: Straight-Chain26.2 *	240.000	J			
P2754-16	A4DG4	Solid	1,4-Methanonaphthalene, 1,4-dihy *	81.000	J			
P2754-16	A4DG4	Solid	1-Phenoxypropan-2-ol *	130.000	J			
P2754-16	A4DG4	Solid	10-Undecenoic acid, methyl ester *	99.000	J			
P2754-16	A4DG4	Solid	2,6,6-Trimethyl-2-cyclohexene-1, *	190.000	J			
P2754-16	A4DG4	Solid	9,10-Anthracenedione *	320.000	J			
P2754-16	A4DG4	Solid	Acetic acid, chloro-, octadecyl es *	100.000	J			
P2754-16	A4DG4	Solid	Benzene, 1,3-dichloro- *	560.000	J			
P2754-16	A4DG4	Solid	cis-12-Octadecenoic acid methyl c *	110.000	J			
P2754-16	A4DG4	Solid	Methyl trans-9-(2-butylcyclopent) *	78.000	J			
P2754-16	A4DG4	Solid	n-Hexadecanoic acid *	210.000	J			
P2754-16	A4DG4	Solid	Tridecanoic acid, 12-methyl-, met *	150.000	J			
P2754-16	A4DG4	Solid	Undecanoic acid, 10-methyl-, met *	78.000	J			
P2754-16	A4DG4	Solid	unknown-01 *	75.000	J			
P2754-16	A4DG4	Solid	unknown-02 *	180.000	J			
P2754-16	A4DG4	Solid	Total Alkanes *	510.000		26	170	ug/Kg
Total Tics :				3,381.00				
P2754-16	A4DG4	Solid	2,4,5-Trichlorophenol	2,600.000		33	170	ug/Kg
P2754-16	A4DG4	Solid	2,4,6-Trichlorophenol	1,400.000		24	170	ug/Kg
P2754-16	A4DG4	Solid	2,4-Dichlorophenol	7,100.000	E	38	170	ug/Kg
P2754-16	A4DG4	Solid	2,4-Dinitrotoluene	2,600.000		35	170	ug/Kg
P2754-16	A4DG4	Solid	2,6-Dinitrotoluene	11,000.000	E	20	170	ug/Kg
P2754-16	A4DG4	Solid	2-Chlorophenol	3,800.000	E	28	170	ug/Kg
P2754-16	A4DG4	Solid	2-Methylnaphthalene	5,300.000	E	32	170	ug/Kg
P2754-16	A4DG4	Solid	2-Nitrophenol	3,000.000	E	60	170	ug/Kg
P2754-16	A4DG4	Solid	4-Bromophenyl-phenylether	2,800.000	E	26	170	ug/Kg
P2754-16	A4DG4	Solid	4-Chloro-3-methylphenol	1,100.000		41	170	ug/Kg
P2754-16	A4DG4	Solid	4-Chlorophenyl-phenylether	3,400.000	E	20	170	ug/Kg
P2754-16	A4DG4	Solid	4-Nitrophenol	2,000.000		44	330	ug/Kg
P2754-16	A4DG4	Solid	Acenaphthene	5,100.000	E	26	170	ug/Kg
P2754-16	A4DG4	Solid	Acenaphthylene	3,600.000	E	29	170	ug/Kg
P2754-16	A4DG4	Solid	Anthracene	4,100.000	E	25	170	ug/Kg
P2754-16	A4DG4	Solid	Benzo(a)anthracene	2,400.000		23	170	ug/Kg
P2754-16	A4DG4	Solid	Benzo(a)pyrene	1,400.000		31	170	ug/Kg
P2754-16	A4DG4	Solid	Benzo(b)fluoranthene	1,900.000		37	170	ug/Kg
P2754-16	A4DG4	Solid	Benzo(g,h,i)perylene	2,900.000	E	32	170	ug/Kg
P2754-16	A4DG4	Solid	Benzo(k)fluoranthene	1,500.000		38	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2754-16	A4DG4	Solid	Bis(2-Chloroethyl)ether	4,700.000		29	330	ug/Kg
P2754-16	A4DG4	Solid	Bis(2-ethylhexyl)phthalate	9,000.000	E	25	170	ug/Kg
P2754-16	A4DG4	Solid	Butylbenzylphthalate	920.000		22	170	ug/Kg
P2754-16	A4DG4	Solid	Di-n-butylphthalate	4,100.000	E	27	170	ug/Kg
P2754-16	A4DG4	Solid	Di-n-octyl phthalate	5,400.000	E	48	330	ug/Kg
P2754-16	A4DG4	Solid	Dibenzo(a,h)anthracene	1,100.000		26	170	ug/Kg
P2754-16	A4DG4	Solid	Dibenzofuran	2,900.000	E	27	170	ug/Kg
P2754-16	A4DG4	Solid	Diethylphthalate	5,800.000	E	33	170	ug/Kg
P2754-16	A4DG4	Solid	Fluoranthene	3,200.000	E	19	170	ug/Kg
P2754-16	A4DG4	Solid	Fluorene	3,500.000	E	27	170	ug/Kg
P2754-16	A4DG4	Solid	Isophorone	5,100.000	E	66	170	ug/Kg
P2754-16	A4DG4	Solid	N-Nitroso-di-n-propylamine	5,100.000	E	78	170	ug/Kg
P2754-16	A4DG4	Solid	Naphthalene	4,800.000	E	24	170	ug/Kg
P2754-16	A4DG4	Solid	Pentachlorophenol	4,700.000		87	330	ug/Kg
P2754-16	A4DG4	Solid	Phenanthrene	1,800.000		27	170	ug/Kg
P2754-16	A4DG4	Solid	Phenol	940.000		30	330	ug/Kg
Total Svoc :				132,060.00				
Total Concentration:				135,441.00				

Client ID : A4DG4DL

P2754-16DL	A4DG4DL	Solid	9,10-Anthracenedione	*	350.000	JD		
P2754-16DL	A4DG4DL	Solid	Benzene, 1,2-dichloro-	*	5,200.000	JD		
P2754-16DL	A4DG4DL	Solid	Total Alkanes	*	0.000	D	130	840 ug/Kg
Total Tics :				5,550.00				
P2754-16DL	A4DG4DL	Solid	2,4,5-Trichlorophenol		2,600.000	D	160	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	2,4,6-Trichlorophenol		1,400.000	D	120	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	2,4-Dichlorophenol		7,000.000	D	190	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	2,4-Dinitrotoluene		2,500.000	D	170	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	2,6-Dinitrotoluene		11,000.000	D	99	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	2-Chlorophenol		3,800.000	D	140	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	2-Methylnaphthalene		5,600.000	D	160	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	2-Nitrophenol		2,600.000	D	300	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	4-Bromophenyl-phenylether		2,800.000	D	130	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	4-Chloro-3-methylphenol		1,100.000	D	200	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	4-Chlorophenyl-phenylether		3,900.000	D	99	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	4-Nitrophenol		2,000.000	D	220	1600 ug/Kg
P2754-16DL	A4DG4DL	Solid	Acenaphthene		5,900.000	D	130	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	Acenaphthylene		3,900.000	D	140	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	Anthracene		4,700.000	D	120	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	Benzo(a)anthracene		2,500.000	D	110	840 ug/Kg
P2754-16DL	A4DG4DL	Solid	Benzo(a)pyrene		1,500.000	D	150	840 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2754-16DL	A4DG4DL	Solid	Benzo(b)fluoranthene	2,000.000	D	180	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Benzo(g,h,i)perylene	2,800.000	D	160	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Benzo(k)fluoranthene	1,500.000	D	190	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Bis(2-Chloroethyl)ether	4,600.000	D	140	1600	ug/Kg
P2754-16DL	A4DG4DL	Solid	Bis(2-ethylhexyl)phthalate	12,000.000	D	120	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Butylbenzylphthalate	910.000	D	110	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Di-n-butylphthalate	4,900.000	D	130	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Di-n-octyl phthalate	6,200.000	D	240	1600	ug/Kg
P2754-16DL	A4DG4DL	Solid	Dibenzo(a,h)anthracene	1,100.000	D	130	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Dibenzofuran	3,100.000	D	130	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Diethylphthalate	6,800.000	D	160	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Fluoranthene	3,700.000	D	94	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Fluorene	4,200.000	D	130	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Isophorone	5,200.000	D	330	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	N-Nitroso-di-n-propylamine	5,100.000	D	390	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Naphthalene	5,200.000	D	120	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Pentachlorophenol	4,900.000	D	440	1600	ug/Kg
P2754-16DL	A4DG4DL	Solid	Phenanthrene	1,900.000	D	130	840	ug/Kg
P2754-16DL	A4DG4DL	Solid	Phenol	900.000	JD	150	1600	ug/Kg

Total Svoc : 141,810.00

Total Concentration: 147,360.00

Client ID : A4BQ1

P2754-17	A4BQ1	Solid	(DEL) Alkane: Straight-Chain22.5 *	1,300.000	J			
P2754-17	A4BQ1	Solid	(DEL) Alkane: Straight-Chain24.0 *	1,500.000	J			
P2754-17	A4BQ1	Solid	(DEL) Alkane: Straight-Chain26.2 *	710.000	J			
P2754-17	A4BQ1	Solid	1-Hydroxy-4,3-dimethyl-bicycloh *	200.000	J			
P2754-17	A4BQ1	Solid	1-Phenoxypropan-2-ol *	200.000	J			
P2754-17	A4BQ1	Solid	n-Hexadecanoic acid *	640.000	J			
P2754-17	A4BQ1	Solid	Octadecanoic acid *	270.000	J			
P2754-17	A4BQ1	Solid	Trichloroacetic acid, hexadecyl es *	880.000	J			
P2754-17	A4BQ1	Solid	unknown-01 *	170.000	J			
P2754-17	A4BQ1	Solid	Total Alkanes *	3,500.000		34	220	ug/Kg

Total Tics : 9,370.00

P2754-17	A4BQ1	Solid	Benzo(a)anthracene	93.000	J	30	220	ug/Kg
P2754-17	A4BQ1	Solid	Benzo(a)pyrene	61.000	J	41	220	ug/Kg
P2754-17	A4BQ1	Solid	Benzo(b)fluoranthene	190.000	J	49	220	ug/Kg
P2754-17	A4BQ1	Solid	Benzo(k)fluoranthene	55.000	J	50	220	ug/Kg
P2754-17	A4BQ1	Solid	Bis(2-ethylhexyl)phthalate	65.000	J	33	220	ug/Kg
P2754-17	A4BQ1	Solid	Chrysene	130.000	J	32	220	ug/Kg
P2754-17	A4BQ1	Solid	Fluoranthene	250.000		25	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2754-17	A4BQ1	Solid	Indeno(1,2,3-cd)pyrene	60.000	J	37	220	ug/Kg
P2754-17	A4BQ1	Solid	Phenanthrene	91.000	J	36	220	ug/Kg
P2754-17	A4BQ1	Solid	Pyrene	160.000	J	24	220	ug/Kg
Total Svoc :				1,155.00				
Total Concentration:				10,525.00				
Client ID : A4BQ4								
P2754-18	A4BQ4	Solid	(DEL) Alkane: Cyclic21.367	*	720.000	J		
P2754-18	A4BQ4	Solid	1,1-Biphenyl, 2,3,3-trichloro-	*	280.000	J		
P2754-18	A4BQ4	Solid	1-Phenoxypropan-2-ol	*	400.000	J		
P2754-18	A4BQ4	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	170.000	J		
P2754-18	A4BQ4	Solid	Isopropyl Alcohol	*	200.000	J		
P2754-18	A4BQ4	Solid	n-Hexadecanoic acid	*	820.000	J		
P2754-18	A4BQ4	Solid	Octadecanoic acid	*	540.000	J		
P2754-18	A4BQ4	Solid	unknown-01	*	240.000	J		
P2754-18	A4BQ4	Solid	Total Alkanes	*	720.000	55	360	ug/Kg
Total Tics :				4,090.00				
P2754-18	A4BQ4	Solid	Benzo(a)anthracene	160.000	J	49	360	ug/Kg
P2754-18	A4BQ4	Solid	Benzo(a)pyrene	85.000	J	66	360	ug/Kg
P2754-18	A4BQ4	Solid	Benzo(b)fluoranthene	200.000	J	78	360	ug/Kg
P2754-18	A4BQ4	Solid	Bis(2-ethylhexyl)phthalate	410.000		53	360	ug/Kg
P2754-18	A4BQ4	Solid	Chrysene	170.000	J	51	360	ug/Kg
P2754-18	A4BQ4	Solid	Fluoranthene	390.000		40	360	ug/Kg
P2754-18	A4BQ4	Solid	Phenanthrene	220.000	J	57	360	ug/Kg
P2754-18	A4BQ4	Solid	Pyrene	260.000	J	38	360	ug/Kg
Total Svoc :				1,895.00				
Total Concentration:				5,985.00				
Client ID : A4BQ6								
P2754-19	A4BQ6	Solid	(DEL) Alkane: Cyclic21.364	*	310.000	J		
P2754-19	A4BQ6	Solid	(DEL) Alkane: Straight-Chain22.4	*	250.000	J		
P2754-19	A4BQ6	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P2754-19	A4BQ6	Solid	n-Hexadecanoic acid	*	330.000	J		
P2754-19	A4BQ6	Solid	Pentadecanoic acid	*	130.000	J		
P2754-19	A4BQ6	Solid	unknown-01	*	180.000	J		
P2754-19	A4BQ6	Solid	Total Alkanes	*	560.000	31	200	ug/Kg
Total Tics :				1,910.00				
Total Concentration:				1,910.00				
Client ID : A4BQ7								
P2754-20	A4BQ7	Solid	(DEL) Alkane: Straight-Chain21.3	*	220.000	J		
P2754-20	A4BQ7	Solid	1-Phenoxypropan-2-ol	*	210.000	J		

Hit Summary Sheet SW-846

SDG No.: BG062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2754-20	A4BQ7	Solid	n-Decanoic acid	*	92.000	J		
P2754-20	A4BQ7	Solid	n-Hexadecanoic acid	*	260.000	J		
P2754-20	A4BQ7	Solid	unknown-01	*	230.000	J		
P2754-20	A4BQ7	Solid	unknown-02	*	98.000	J		
P2754-20	A4BQ7	Solid	Total Alkanes	*	220.000	34	230	ug/Kg
Total Tics :					1,330.00			
Total Concentration:					1,330.00			
Client ID : A4CX9								
P2754-21	A4CX9	Solid	(DEL) Alkane: Straight-Chain22.4	*	1,100.000	J		
P2754-21	A4CX9	Solid	(DEL) Alkane: Straight-Chain24.0	*	1,100.000	J		
P2754-21	A4CX9	Solid	(DEL) Alkane: Straight-Chain26.2	*	760.000	J		
P2754-21	A4CX9	Solid	(DEL) Alkane: Straight-Chain26.3	*	770.000	J		
P2754-21	A4CX9	Solid	1,19-Eicosadiene	*	830.000	J		
P2754-21	A4CX9	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P2754-21	A4CX9	Solid	Hexadecanal	*	88.000	J		
P2754-21	A4CX9	Solid	n-Hexadecanoic acid	*	310.000	J		
P2754-21	A4CX9	Solid	Octadecanal	*	380.000	J		
P2754-21	A4CX9	Solid	Octadecanoic acid	*	130.000	J		
P2754-21	A4CX9	Solid	Pentafluoropropionic acid, octadec	*	740.000	J		
P2754-21	A4CX9	Solid	Total Alkanes	*	3,700.000	32	210	ug/Kg
Total Tics :					10,068.00			
Total Concentration:					10,068.00			
Client ID : A4CY0								
P2754-22	A4CY0	Solid	(DEL) Alkane: Straight-Chain21.3	*	270.000	J		
P2754-22	A4CY0	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2754-22	A4CY0	Solid	Octadecane, 1-(ethenylxy)-	*	97.000	J		
P2754-22	A4CY0	Solid	Total Alkanes	*	270.000	28	180	ug/Kg
Total Tics :					757.00			
Total Concentration:					757.00			
Client ID : A4CY2								
P2754-23	A4CY2	Solid	(DEL) Alkane: Straight-Chain21.3	*	240.000	J		
P2754-23	A4CY2	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2754-23	A4CY2	Solid	Total Alkanes	*	240.000	28	180	ug/Kg
Total Tics :					590.00			
Total Concentration:					590.00			
Client ID : SP6537								
SP6537	SP6537	Water	Total Alkanes	*	0.000	990	5000	ug/L
Total Tics :					0.00			



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

Hit Summary Sheet
SW-846

SDG No.: BG062124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Concentration:			0.00		

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.: BG062124 SAS No.: BG062124 SDG NO.: BG062124

EPA Sample No.: SSTD020441 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 09:48

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	SBLK409	35164	8.08	168608	10.88	125448	14.70
02	A4DG4	47838	8.07	240267	10.89	169512	14.70
03	A4DG4DL	44992	8.07	217830	10.89	155330	14.70
04	A4BP2	44892	8.07	210109	10.89	152525	14.70
05	SP6537	46196	8.08	224701	10.89	156777	14.70
06	A4BP4	44039	8.07	207917	10.89	153824	14.70
07	A4BP5	44253	8.08	214659	10.89	148562	14.70
08	A4BP3	44835	8.07	220959	10.89	155240	14.70
09	A4BP7	57982	8.07	271096	10.89	186904	14.70
10	A4BP8	54721	8.07	257944	10.89	183832	14.70
11	SBLK409	53111	8.08	263624	10.89	189650	14.70
12	A4BP6	61856	8.08	287621	10.88	199368	14.70
13	A4BP6MS	58021	8.07	262754	10.89	192722	14.70
14	A4BP6MSD	55901	8.08	273911	10.89	194764	14.70
15	A4BP9	49476	8.07	238590	10.88	175981	14.70
16	A4BQ0	52013	8.07	254876	10.89	185291	14.70
17	A4BQ5	45949	8.08	220590	10.89	158796	14.70
18	A4BQ1	47832	8.07	241065	10.89	179569	14.70
19	A4BQ4	51951	8.08	242502	10.89	180364	14.70
20	A4BQ6	50114	8.07	244198	10.89	177906	14.70
21	A4BQ7	54407	8.08	262321	10.89	189008	14.70
22	A4CX9	60019	8.08	293495	10.89	210915	14.70
23	A4CY0	53431	8.07	264228	10.89	188198	14.70

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062124 SAS No.: BG062124 SDG NO.: BG062124

EPA Sample No.: SSTD020441 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 02:27

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 A4CY2	50852	8.08	246024	10.89	179736	14.70
25 SLCS409	55845	8.08	271189	10.89	195994	14.70

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.: BG062124 SAS No.: BG062124 SDG NO.: BG062124

EPA Sample No.: SSTD020527 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BG061612.D Time Analyzed: 09:48

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	39887	8.072	197618	10.89	149823	14.70
UPPER LIMIT	79774	8.572	395236	11.386	299646	15.2
LOWER LIMIT	19943.5	7.572	98809	10.386	74911.5	14.2
EPA SAMPLE NO.						
01 SBLK409	35164	8.08	168608	10.88	125448	14.70
02 A4DG4	47838	8.07	240267	10.89	169512	14.70
03 A4DG4DL	44992	8.07	217830	10.89	155330	14.70
04 A4BP2	44892	8.07	210109	10.89	152525	14.70
05 SP6537	46196	8.08	224701	10.89	156777	14.70
06 A4BP4	44039	8.07	207917	10.89	153824	14.70
07 A4BP5	44253	8.08	214659	10.89	148562	14.70
08 A4BP3	44835	8.07	220959	10.89	155240	14.70
09 A4BP7	57982	8.07	271096	10.89	186904	14.70
10 A4BP8	54721	8.07	257944	10.89	183832	14.70

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.: BG062124 SAS No.: BG062124 SDG NO.: BG062124

EPA Sample No.: SSTD020528 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BG061623.D Time Analyzed: 17:33

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	57961	8.079	275365	10.89	192027	14.70
UPPER LIMIT	115922	8.579	550730	11.388	384054	15.201
LOWER LIMIT	28980.5	7.579	137682.5	10.388	96013.5	14.201
EPA SAMPLE NO.						
01 SBLK409	53111	8.08	263624	10.89	189650	14.70
02 A4BP6	61856	8.08	287621	10.88	199368	14.70
03 A4BP6MS	58021	8.07	262754	10.89	192722	14.70
04 A4BP6MSD	55901	8.08	273911	10.89	194764	14.70
05 A4BP9	49476	8.07	238590	10.88	175981	14.70
06 A4BQ0	52013	8.07	254876	10.89	185291	14.70
07 A4BQ5	45949	8.08	220590	10.89	158796	14.70
08 A4BQ1	47832	8.07	241065	10.89	179569	14.70
09 A4BQ4	51951	8.08	242502	10.89	180364	14.70
10 A4BQ6	50114	8.07	244198	10.89	177906	14.70
11 A4BQ7	54407	8.08	262321	10.89	189008	14.70
12 A4CX9	60019	8.08	293495	10.89	210915	14.70
13 A4CY0	53431	8.07	264228	10.89	188198	14.70
14 A4CY2	50852	8.08	246024	10.89	179736	14.70
15 SLCS409	55845	8.08	271189	10.89	195994	14.70

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.: BG062124 SAS No.: BG062124 SDG NO.: BG062124

EPA Sample No.: SSTD020441 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 09:48

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	SBLK409	330360	17.45	334074	21.71	400869	24.93
02	A4DG4	406921	17.45	351748	21.71	430643	24.94
03	A4DG4DL	405895	17.45	377274	21.71	443647	24.94
04	A4BP2	384994	17.44	346063	21.70	415833	24.93
05	SP6537	395121	17.44	379133	21.71	452392	24.93
06	A4BP4	371092	17.44	326707	21.70	381361	24.93
07	A4BP5	374572	17.44	337736	21.71	405666	24.93
08	A4BP3	381353	17.44	334433	21.70	392708	24.94
09	A4BP7	454351	17.45	420494	21.71	502084	24.93
10	A4BP8	431736	17.44	381819	21.71	455468	24.93
11	SBLK409	468802	17.44	426894	21.71	501206	24.93
12	A4BP6	456179	17.44	400139	21.71	476685	24.93
13	A4BP6MS	432388	17.44	359515	21.71	438941	24.94
14	A4BP6MSD	436131	17.45	361908	21.71	454412	24.94
15	A4BP9	423944	17.44	358679	21.71	436600	24.93
16	A4BQ0	431095	17.44	362381	21.71	449405	24.93
17	A4BQ5	396562	17.44	345092	21.71	405735	24.93
18	A4BQ1	417106	17.44	359173	21.70	426628	24.93
19	A4BQ4	431520	17.44	363265	21.71	444520	24.93
20	A4BQ6	440526	17.45	386651	21.70	456649	24.93
21	A4BQ7	452064	17.44	395225	21.71	477548	24.93

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062124 SAS No.: BG062124 SDG NO.: BG062124

EPA Sample No.: SSTD020441 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 01:05

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 A4CX9	478234	17.44	424344	21.70	507802	24.94
23 A4CY0	445398	17.44	396530	21.70	473993	24.93
24 A4CY2	434339	17.44	387019	21.70	454343	24.93
25 SLCS409	464279	17.44	403188	21.71	484683	24.93

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.: BG062124 SAS No.: BG062124 SDG NO.: BG062124

EPA Sample No.: SSTD020527 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BG061612.D Time Analyzed: 09:48

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	377494	17.443	360464	21.709	428194	24.941
UPPER LIMIT	754988	17.943	720928	22.209	856388	25.441
LOWER LIMIT	188747	16.943	180232	21.209	214097	24.441
EPA SAMPLE NO.						
01 SBLK409	330360	17.45	334074	21.71	400869	24.93
02 A4DG4	406921	17.45	351748	21.71	430643	24.94
03 A4DG4DL	405895	17.45	377274	21.71	443647	24.94
04 A4BP2	384994	17.44	346063	21.70	415833	24.93
05 SP6537	395121	17.44	379133	21.71	452392	24.93
06 A4BP4	371092	17.44	326707	21.70	381361	24.93
07 A4BP5	374572	17.44	337736	21.71	405666	24.93
08 A4BP3	381353	17.44	334433	21.70	392708	24.94
09 A4BP7	454351	17.45	420494	21.71	502084	24.93
10 A4BP8	431736	17.44	381819	21.71	455468	24.93

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.: BG062124 SAS No.: BG062124 SDG NO.: BG062124

EPA Sample No.: SSTD020528 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BG061623.D Time Analyzed: 17:33

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	467062	17.445	402664	21.705	487089	24.936
	UPPER LIMIT	934124	17.945	805328	22.205	974178	25.436
	LOWER LIMIT	233531	16.945	201332	21.205	243544.5	24.436
	EPA SAMPLE NO.						
01	SBLK409	468802	17.44	426894	21.71	501206	24.93
02	A4BP6	456179	17.44	400139	21.71	476685	24.93
03	A4BP6MS	432388	17.44	359515	21.71	438941	24.94
04	A4BP6MSD	436131	17.45	361908	21.71	454412	24.94
05	A4BP9	423944	17.44	358679	21.71	436600	24.93
06	A4BQ0	431095	17.44	362381	21.71	449405	24.93
07	A4BQ5	396562	17.44	345092	21.71	405735	24.93
08	A4BQ1	417106	17.44	359173	21.70	426628	24.93
09	A4BQ4	431520	17.44	363265	21.71	444520	24.93
10	A4BQ6	440526	17.45	386651	21.70	456649	24.93
11	A4BQ7	452064	17.44	395225	21.71	477548	24.93
12	A4CX9	478234	17.44	424344	21.70	507802	24.94
13	A4CY0	445398	17.44	396530	21.70	473993	24.93
14	A4CY2	434339	17.44	387019	21.70	454343	24.93
15	SLCS409	464279	17.44	403188	21.71	484683	24.93

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062124 SAS No.: BG062124 SDG NO.: BG062124

EPA Sample No.: SSTD020528 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BG061623.D Time Analyzed: 03:09

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	467062	17.445	402664	21.705	487089	24.936
UPPER LIMIT	934124	17.945	805328	22.205	974178	25.436
LOWER LIMIT	233531	16.945	201332	21.205	243544.5	24.436
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161409BS	1,4-Dioxane	530	410	ug/Kg	77				0	0		
	Benzaldehyde	1300	1400	ug/Kg	108				0	0		
	Pyridine	1300	1000	ug/Kg	77				0	0		
	Phenol	1300	1200	ug/Kg	92				0	0		
	Bis(2-chloroethyl)ether	1300	1100	ug/Kg	85				0	0		
	2-Chlorophenol	1300	1300	ug/Kg	100				0	0		
	2-Methylphenol	1300	1200	ug/Kg	92				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1100	ug/Kg	85				0	0		
	Acetophenone	1300	1100	ug/Kg	85				0	0		
	4-Methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitroso-di-n-propylamine	1300	1100	ug/Kg	85				0	0		
	Hexachloroethane	1300	1200	ug/Kg	92				0	0		
	Nitrobenzene	1300	1300	ug/Kg	100				0	0		
	Isophorone	1300	1100	ug/Kg	85				0	0		
	2-Nitrophenol	1300	1500	ug/Kg	115				0	0		
	2,4-Dimethylphenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethoxy)methane	1300	1100	ug/Kg	85				0	0		
	2,4-Dichlorophenol	1300	1300	ug/Kg	100				0	0		
	Naphthalene	1300	1200	ug/Kg	92				0	0		
	4-Chloroaniline	1300	1000	ug/Kg	77				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	1300	ug/Kg	100				0	0		
	4-Chloro-3-methylphenol	1300	1300	ug/Kg	100				0	0		
	1-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	Hexachlorocyclopentadiene	1300	810	ug/Kg	62				0	0		
	2,4,6-Trichlorophenol	1300	1400	ug/Kg	108				0	0		
	2,4,5-Trichlorophenol	1300	1400	ug/Kg	108				0	0		
	1,1'-Biphenyl	1300	1300	ug/Kg	100				0	0		
	2-Chloronaphthalene	1300	1300	ug/Kg	100				0	0		
	2-Nitroaniline	1300	1600	ug/Kg	123				0	0		
	Dimethylphthalate	1300	1200	ug/Kg	92				0	0		
	2,6-Dinitrotoluene	1300	1500	ug/Kg	115				0	0		
	Acenaphthylene	1300	1200	ug/Kg	92				0	0		
	3-Nitroaniline	1300	1600	ug/Kg	123				0	0		
	Acenaphthene	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrophenol	1300	1500	ug/Kg	115				0	0		
	4-Nitrophenol	1300	1400	ug/Kg	108				0	0		
	Dibenzofuran	1300	1300	ug/Kg	100				0	0		
	2,4-Dinitrotoluene	1300	1500	ug/Kg	115				0	0		
	Diethylphthalate	1300	1200	ug/Kg	92				0	0		
	Fluorene	1300	1300	ug/Kg	100				0	0		
	4-Chlorophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	4-Nitroaniline	1300	1600	ug/Kg	123				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161409BS	4,6-Dinitro-2-methylphenol	1300	1500	ug/Kg	115				0	0		
	N-Nitrosodiphenylamine	1300	1300	ug/Kg	100				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0		
	4-Bromophenyl-phenylether	1300	1300	ug/Kg	100				0	0		
	Hexachlorobenzene	1300	1300	ug/Kg	100				0	0		
	Atrazine	1300	900	ug/Kg	69				0	0		
	Pentachlorophenol	1300	1300	ug/Kg	100				0	0		
	Phenanthrene	1300	1200	ug/Kg	92				0	0		
	Pentachlorobenzene	1300	1400	ug/Kg	108				0	0		
	Anthracene	1300	1200	ug/Kg	92				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1400	ug/Kg	108				0	0		
	Carbazole	1300	1300	ug/Kg	100				0	0		
	Di-n-butylphthalate	1300	1300	ug/Kg	100				0	0		
	Fluoranthene	1300	1300	ug/Kg	100				0	0		
	Pyrene	1300	1300	ug/Kg	100				0	0		
	Butylbenzylphthalate	1300	1400	ug/Kg	108				0	0		
	3,3'-Dichlorobenzidine	1300	1500	ug/Kg	115				0	0		
	Benzo(a)anthracene	1300	1300	ug/Kg	100				0	0		
	Chrysene	1300	1300	ug/Kg	100				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1400	ug/Kg	108				0	0		
	Di-n-octylphthalate	1300	1400	ug/Kg	108				0	0		
	Benzo(b)fluoranthene	1300	1300	ug/Kg	100				0	0		
	Benzo(k)fluoranthene	1300	1300	ug/Kg	100				0	0		
	Benzo(a)pyrene	1300	1100	ug/Kg	85				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1400	ug/Kg	108				0	0		
	Dibenzo(a,h)anthracene	1300	1300	ug/Kg	100				0	0		
	Benzo(g,h,i)perylene	1300	1300	ug/Kg	100				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1300	ug/Kg	100				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6537

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG062124

SAS No.: BG062124 SDG NO.: BG062124

Lab File ID: BG061617.D

Lab Sample ID: SP6537

Instrument ID: BNA_G

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 06/21/2024

Level: (low/med) LOW

Time Analyzed: 12:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6537	SP6537	BG061617.D	06/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK409

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG062124

SAS No.: BG062124 SDG NO.: BG062124

Lab File ID: BG061624.D

Lab Sample ID: PB161409BL

Instrument ID: BNA_G

Date Extracted: 06/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/21/2024

Level: (low/med) LOW

Time Analyzed: 17:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4DG4	P2754-16	BG061614.D	06/21/2024
A4BP2	P2754-01	BG061616.D	06/21/2024
A4BQ5	P2754-12	BG061630.D	06/21/2024
A4BQ1	P2754-17	BG061631.D	06/21/2024
A4BQ4	P2754-18	BG061632.D	06/21/2024
A4BQ6	P2754-19	BG061633.D	06/21/2024
A4BQ7	P2754-20	BG061634.D	06/22/2024
A4CX9	P2754-21	BG061635.D	06/22/2024
A4CY0	P2754-22	BG061636.D	06/22/2024
A4CY2	P2754-23	BG061637.D	06/22/2024
PB161409BS	PB161409BS	BG061638.D	06/22/2024
A4BP4	P2754-03	BG061618.D	06/21/2024
A4BP5	P2754-04	BG061619.D	06/21/2024
A4BP3	P2754-02	BG061620.D	06/21/2024
A4BP7	P2754-08	BG061621.D	06/21/2024
A4BP8	P2754-09	BG061622.D	06/21/2024
A4BP6	P2754-05	BG061625.D	06/21/2024
A4BP6MS	P2754-06MS	BG061626.D	06/21/2024
A4BP6MSD	P2754-07MSD	BG061627.D	06/21/2024
A4BP9	P2754-10	BG061628.D	06/21/2024
A4BQ0	P2754-11	BG061629.D	06/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2754-06MS	Client Sample ID:	A4BP6MS					DataFile:	BG061626.D		
1,4-Dioxane	1100		1100	ug/Kg	100				15	120	
Benzaldehyde	2900		2100	ug/Kg	72				0	0	
Pyridine	2900		800	ug/Kg	28				0	0	
Phenol	2900		3300	ug/Kg	114	*			26	90	
Bis(2-chloroethyl)ether	2900		3000	ug/Kg	103				0	0	
2-Chlorophenol	2900		3300	ug/Kg	114	*			25	102	
2-Methylphenol	2900		3300	ug/Kg	114				0	0	
2,2-oxybis(1-Chloropropane)	2900		3100	ug/Kg	107				0	0	
Acetophenone	2900	150	3100	ug/Kg	102				0	0	
4-Methylphenol	2900		3300	ug/Kg	114				0	0	
N-Nitroso-di-n-propylamine	2900		2900	ug/Kg	100				41	126	
Hexachloroethane	2900		2600	ug/Kg	90				0	0	
Nitrobenzene	2900		3600	ug/Kg	124				0	0	
Isophorone	2900		3200	ug/Kg	110				0	0	
2-Nitrophenol	2900		4200	ug/Kg	145				0	0	
2,4-Dimethylphenol	2900		3100	ug/Kg	107				0	0	
Bis(2-chloroethoxy)methane	2900		3200	ug/Kg	110				0	0	
2,4-Dichlorophenol	2900		3800	ug/Kg	131				0	0	
Naphthalene	2900		3400	ug/Kg	117				0	0	
4-Chloroaniline	2900		1700	ug/Kg	59				0	0	
Hexachlorobutadiene	2900		3700	ug/Kg	128				0	0	
Caprolactam	2900		3100	ug/Kg	107				0	0	
4-Chloro-3-methylphenol	2900		3700	ug/Kg	128	*			26	103	
1-Methylnaphthalene	2900		3400	ug/Kg	117				0	0	
2-Methylnaphthalene	2900		3500	ug/Kg	121				0	0	
Hexachlorocyclopentadiene	2900		2500	ug/Kg	86				0	0	
2,4,6-Trichlorophenol	2900		3900	ug/Kg	134				0	0	
2,4,5-Trichlorophenol	2900		3900	ug/Kg	134				0	0	
1,1'-Biphenyl	2900		3600	ug/Kg	124				0	0	
2-Chloronaphthalene	2900		3500	ug/Kg	121				0	0	
2-Nitroaniline	2900		4300	ug/Kg	148				0	0	
Dimethylphthalate	2900		3300	ug/Kg	114				0	0	
2,6-Dinitrotoluene	2900		4200	ug/Kg	145				0	0	
Acenaphthylene	2900		3400	ug/Kg	117				0	0	
3-Nitroaniline	2900		3500	ug/Kg	121				0	0	
Acenaphthene	2900		3400	ug/Kg	117				31	137	
2,4-Dinitrophenol	2900		4000	ug/Kg	138				0	0	
4-Nitrophenol	2900		3800	ug/Kg	131	*			11	114	
Dibenzofuran	2900		3500	ug/Kg	121				0	0	
2,4-Dinitrotoluene	2900		4200	ug/Kg	145	*			28	89	
Diethylphthalate	2900		3400	ug/Kg	117				0	0	
Fluorene	2900		3400	ug/Kg	117				0	0	
4-Chlorophenyl-phenylether	2900		3300	ug/Kg	114				0	0	
4-Nitroaniline	2900		3700	ug/Kg	128				0	0	
4,6-Dinitro-2-methylphenol	2900		3900	ug/Kg	134				0	0	
N-Nitrosodiphenylamine	2900		3800	ug/Kg	131				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062124

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	2900		3600	ug/Kg	124				0	0	
4-Bromophenyl-phenylether	2900		3800	ug/Kg	131				0	0	
Hexachlorobenzene	2900		2900	ug/Kg	100				0	0	
Atrazine	2900		2800	ug/Kg	97				0	0	
Pentachlorophenol	2900		3700	ug/Kg	128	*			17	109	
Phenanthrene	2900	790	4100	ug/Kg	114				0	0	
Pentachlorobenzene	2900		3300	ug/Kg	114				0	0	
Anthracene	2900	130	3500	ug/Kg	116				0	0	
1,2,3,4-Tetrachlorobenzene	2900		4300	ug/Kg	148				0	0	
Carbazole	2900	99	3300	ug/Kg	110				0	0	
Di-n-butylphthalate	2900		3700	ug/Kg	128				0	0	
Fluoranthene	2900	1700	5300	ug/Kg	124				0	0	
Pyrene	2900	1200	4100	ug/Kg	100				35	142	
Butylbenzylphthalate	2900		4200	ug/Kg	145				0	0	
3,3'-Dichlorobenzidine	2900		1900	ug/Kg	66				0	0	
Benzo(a)anthracene	2900	710	4300	ug/Kg	124				0	0	
Chrysene	2900	890	4300	ug/Kg	118				0	0	
Bis(2-ethylhexyl)phthalate	2900	590	4600	ug/Kg	138				0	0	
Di-n-octylphthalate	2900		4100	ug/Kg	141				0	0	
Benzo(b)fluoranthene	2900	1200	4600	ug/Kg	117				0	0	
Benzo(k)fluoranthene	2900	370	3900	ug/Kg	122				0	0	
Benzo(a)pyrene	2900	450	2100	ug/Kg	57				0	0	
Indeno(1,2,3-cd)pyrene	2900	360	3200	ug/Kg	98				0	0	
Dibenzo(a,h)anthracene	2900	160	3900	ug/Kg	129				0	0	
Benzo(g,h,i)perylene	2900	77	410	ug/Kg	11				0	0	
2,3,4,6-Tetrachlorophenol	2900		3600	ug/Kg	124				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2754-07MSD	Client Sample ID:	A4BP6MSD					DataFile:	BG061627.D		
1,4-Dioxane	1100		1100	ug/Kg	100		0		15	120	50
Benzaldehyde	2900		2200	ug/Kg	76		5	*	0	0	0
Pyridine	2900		1200	ug/Kg	41		38	*	0	0	0
Phenol	2900		3400	ug/Kg	117	*	3		26	90	35
Bis(2-chloroethyl)ether	2900		3100	ug/Kg	107		4	*	0	0	0
2-Chlorophenol	2900		3400	ug/Kg	117	*	3		25	102	50
2-Methylphenol	2900		3400	ug/Kg	117		3	*	0	0	0
2,2-oxybis(1-Chloropropane)	2900		3200	ug/Kg	110		3	*	0	0	0
Acetophenone	2900	150	3400	ug/Kg	112		9	*	0	0	0
4-Methylphenol	2900		3500	ug/Kg	121		6	*	0	0	0
N-Nitroso-di-n-propylamine	2900		3000	ug/Kg	103		3		41	126	38
Hexachloroethane	2900		2600	ug/Kg	90		0		0	0	0
Nitrobenzene	2900		3600	ug/Kg	124		0		0	0	0
Isophorone	2900		3100	ug/Kg	107		3	*	0	0	0
2-Nitrophenol	2900		4000	ug/Kg	138		5	*	0	0	0
2,4-Dimethylphenol	2900		2900	ug/Kg	100		7	*	0	0	0
Bis(2-chloroethoxy)methane	2900		3200	ug/Kg	110		0		0	0	0
2,4-Dichlorophenol	2900		3700	ug/Kg	128		2	*	0	0	0
Naphthalene	2900		3300	ug/Kg	114		3	*	0	0	0
4-Chloroaniline	2900		1600	ug/Kg	55		7	*	0	0	0
Hexachlorobutadiene	2900		3500	ug/Kg	121		6	*	0	0	0
Caprolactam	2900		3000	ug/Kg	103		4	*	0	0	0
4-Chloro-3-methylphenol	2900		3700	ug/Kg	128	*	0		26	103	33
1-Methylnaphthalene	2900		3400	ug/Kg	117		0		0	0	0
2-Methylnaphthalene	2900		3500	ug/Kg	121		0		0	0	0
Hexachlorocyclopentadiene	2900		2500	ug/Kg	86		0		0	0	0
2,4,6-Trichlorophenol	2900		4000	ug/Kg	138		3	*	0	0	0
2,4,5-Trichlorophenol	2900		4100	ug/Kg	141		5	*	0	0	0
1,1'-Biphenyl	2900		3700	ug/Kg	128		3	*	0	0	0
2-Chloronaphthalene	2900		3700	ug/Kg	128		6	*	0	0	0
2-Nitroaniline	2900		4600	ug/Kg	159		7	*	0	0	0
Dimethylphthalate	2900		3400	ug/Kg	117		3	*	0	0	0
2,6-Dinitrotoluene	2900		4300	ug/Kg	148		2	*	0	0	0
Acenaphthylene	2900		3500	ug/Kg	121		3	*	0	0	0
3-Nitroaniline	2900		3700	ug/Kg	128		6	*	0	0	0
Acenaphthene	2900		3500	ug/Kg	121		3		31	137	19
2,4-Dinitrophenol	2900		4100	ug/Kg	141		2	*	0	0	0
4-Nitrophenol	2900		4000	ug/Kg	138	*	5		11	114	50
Dibenzofuran	2900		3600	ug/Kg	124		2	*	0	0	0
2,4-Dinitrotoluene	2900		4400	ug/Kg	152	*	5		28	89	47
Diethylphthalate	2900		3500	ug/Kg	121		3	*	0	0	0
Fluorene	2900		3600	ug/Kg	124		6	*	0	0	0
4-Chlorophenyl-phenylether	2900		3400	ug/Kg	117		3	*	0	0	0
4-Nitroaniline	2900		4100	ug/Kg	141		10	*	0	0	0
4,6-Dinitro-2-methylphenol	2900		4200	ug/Kg	145		8	*	0	0	0
N-Nitrosodiphenylamine	2900		3900	ug/Kg	134		2	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG062124

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	2900		3600	ug/Kg	124		0		0	0	0
4-Bromophenyl-phenylether	2900		3900	ug/Kg	134		2	*	0	0	0
Hexachlorobenzene	2900		3000	ug/Kg	103		3	*	0	0	0
Atrazine	2900		3000	ug/Kg	103		6	*	0	0	0
Pentachlorophenol	2900		3800	ug/Kg	131	*	2		17	109	47
Phenanthrene	2900	790	4300	ug/Kg	121		6	*	0	0	0
Pentachlorobenzene	2900		3500	ug/Kg	121		6	*	0	0	0
Anthracene	2900	130	3600	ug/Kg	120		3	*	0	0	0
1,2,3,4-Tetrachlorobenzene	2900		4400	ug/Kg	152		3	*	0	0	0
Carbazole	2900	99	3500	ug/Kg	117		6	*	0	0	0
Di-n-butylphthalate	2900		3800	ug/Kg	131		2	*	0	0	0
Fluoranthene	2900	1700	5400	ug/Kg	128		3	*	0	0	0
Pyrene	2900	1200	4200	ug/Kg	103		3		35	142	36
Butylbenzylphthalate	2900		4400	ug/Kg	152		5	*	0	0	0
3,3'-Dichlorobenzidine	2900		2200	ug/Kg	76		14	*	0	0	0
Benzo(a)anthracene	2900	710	4400	ug/Kg	127		2	*	0	0	0
Chrysene	2900	890	4500	ug/Kg	124		5	*	0	0	0
Bis(2-ethylhexyl)phthalate	2900	590	4700	ug/Kg	142		3	*	0	0	0
Di-n-octylphthalate	2900		4200	ug/Kg	145		3	*	0	0	0
Benzo(b)fluoranthene	2900	1200	4500	ug/Kg	114		3	*	0	0	0
Benzo(k)fluoranthene	2900	370	4000	ug/Kg	125		2	*	0	0	0
Benzo(a)pyrene	2900	450	2200	ug/Kg	60		5	*	0	0	0
Indeno(1,2,3-cd)pyrene	2900	360	3200	ug/Kg	98		0		0	0	0
Dibenzo(a,h)anthracene	2900	160	3900	ug/Kg	129		0		0	0	0
Benzo(g,h,i)perylene	2900	77	370	ug/Kg	10		10	*	0	0	0
2,3,4,6-Tetrachlorophenol	2900		3900	ug/Kg	134		8	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BG062124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6537	SP6537	BG061617.D	1,4-Dioxane-d8	8	15,329.00	191613	*	15	120
			Pyridine-d5	40	77,003.00	192507	*	20	120
			Phenol-d5	40	81,919.00	204797	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	83,455.00	208638	*	25	120
			2-Chlorophenol-d4	40	84,189.00	210473	*	20	130
			4-Methylphenol-d8	40	81,292.00	203230	*	25	125
			Nitrobenzene-d5	40	92,477.00	231193	*	20	125
			2-Nitrophenol-d4	40	99,548.00	248870	*	20	130
			2,4-Dichlorophenol-d3	40	81,259.00	203147	*	20	120
			4-Chloroaniline-d4	40	80,828.00	202070	*	1	146
			Dimethylphthalate-d6	40	86,654.00	216635	*	25	130
			Acenaphthylene-d8	40	87,136.00	217840	*	10	130
			4-Nitrophenol-d4	40	91,738.00	229345	*	10	150
			Fluorene-d10	40	86,666.00	216665	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	85,562.00	213905	*	10	130
			Anthracene-d10	40	84,474.00	211185	*	25	130
			Pyrene-d10	40	82,299.00	205748	*	15	130
			Benzo(a)pyrene-d12	40	85,633.00	214082	*	20	130

Surrogate Summary

SW-846

SDG No.: **BG062124**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2754-01	A4BP2	BG061616.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	5.16	65		15	120
			Phenol-d5	40	25.67	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.67	64		10	150
			2-Chlorophenol-d4	40	25.71	64		15	120
			4-Methylphenol-d8	40	24.05	60		10	140
			Nitrobenzene-d5	40	28.68	72		10	135
			2-Nitrophenol-d4	40	30.04	75		10	120
			2,4-Dichlorophenol-d3	40	28.17	70		10	140
			4-Chloroaniline-d4	40	13.11	33		1	145
			Dimethylphthalate-d6	40	30.04	75		10	145
			Acenaphthylene-d8	40	31.09	78		15	120
			4-Nitrophenol-d4	40	24.97	62		10	150
			Fluorene-d10	40	32.11	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.55	59		10	130
			Anthracene-d10	40	30.22	76		10	150
			Pyrene-d10	40	28.36	71		10	130
			Benzo(a)pyrene-d12	40	20.49	51		10	140
P2754-02	A4BP3	BG061620.D	1,4-Dioxane-d8	8	6.60	82		15	120
			Pyridine-d5	40	29.59	74		20	120
			Phenol-d5	40	28.63	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.93	72		10	150
			2-Chlorophenol-d4	40	29.63	74		15	120
			4-Methylphenol-d8	40	29.12	73		10	140
			Nitrobenzene-d5	40	30.47	76		10	135
			2-Nitrophenol-d4	40	33.26	83		10	120
			2,4-Dichlorophenol-d3	40	28.86	72		10	140
			4-Chloroaniline-d4	40	27.37	68		1	145
			Dimethylphthalate-d6	40	29.63	74		10	145
			Acenaphthylene-d8	40	31.75	79		15	120
			4-Nitrophenol-d4	40	27.36	68		10	150
			Fluorene-d10	40	31.59	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.07	60		10	130
			Anthracene-d10	40	30.58	76		10	150
			Pyrene-d10	40	32.50	81		10	130
			Benzo(a)pyrene-d12	40	32.26	81		10	140
P2754-03	A4BP4	BG061618.D	1,4-Dioxane-d8	8	5.53	69		15	120
			Pyridine-d5	40	2.59	6	*	20	120
			Phenol-d5	40	26.17	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.56	66		10	150
			2-Chlorophenol-d4	40	27.02	68		15	120
			4-Methylphenol-d8	40	23.08	58		10	140
			Nitrobenzene-d5	40	28.69	72		10	135
			2-Nitrophenol-d4	40	30.60	76		10	120
			2,4-Dichlorophenol-d3	40	28.42	71		10	140
			4-Chloroaniline-d4	40	14.58	36		1	145
			Dimethylphthalate-d6	40	28.74	72		10	145
			Acenaphthylene-d8	40	29.23	73		15	120
			4-Nitrophenol-d4	40	25.43	64		10	150

Surrogate Summary

SW-846

SDG No.: BG062124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2754-03	A4BP4	BG061618.D	Fluorene-d10	40	30.96	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.06	63		10	130
			Anthracene-d10	40	29.72	74		10	150
			Pyrene-d10	40	28.92	72		10	130
			Benzo(a)pyrene-d12	40	21.89	55		10	140
P2754-04	A4BP5	BG061619.D	1,4-Dioxane-d8	8	4.86	61		15	120
			Pyridine-d5	40	23.39	58		20	120
			Phenol-d5	40	24.32	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.75	62		10	150
			2-Chlorophenol-d4	40	25.07	63		15	120
			4-Methylphenol-d8	40	24.66	62		10	140
			Nitrobenzene-d5	40	26.90	67		10	135
			2-Nitrophenol-d4	40	27.25	68		10	120
			2,4-Dichlorophenol-d3	40	25.50	64		10	140
			4-Chloroaniline-d4	40	23.71	59		1	145
			Dimethylphthalate-d6	40	27.33	68		10	145
			Acenaphthylene-d8	40	28.97	72		15	120
			4-Nitrophenol-d4	40	24.56	61		10	150
			Fluorene-d10	40	29.40	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.07	53		10	130
			Anthracene-d10	40	28.46	71		10	150
			Pyrene-d10	40	30.20	76		10	130
			Benzo(a)pyrene-d12	40	29.00	73		10	140
			1,4-Dioxane-d8	8	5.77	72		15	120
			Pyridine-d5	40	4.65	12	*	20	120
P2754-05	A4BP6	BG061625.D	Phenol-d5	40	27.54	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.86	72		10	150
			2-Chlorophenol-d4	40	29.62	74		15	120
			4-Methylphenol-d8	40	23.55	59		10	140
			Nitrobenzene-d5	40	33.36	83		10	135
			2-Nitrophenol-d4	40	36.98	92		10	120
			2,4-Dichlorophenol-d3	40	33.03	83		10	140
			4-Chloroaniline-d4	40	6.68	17		1	145
			Dimethylphthalate-d6	40	35.38	88		10	145
			Acenaphthylene-d8	40	36.43	91		15	120
			4-Nitrophenol-d4	40	31.49	79		10	150
			Fluorene-d10	40	36.87	92		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.01	83		10	130
			Anthracene-d10	40	35.89	90		10	150
			Pyrene-d10	40	33.68	84		10	130
			Benzo(a)pyrene-d12	40	25.59	64		10	140
			1,4-Dioxane-d8	8	5.80	72		15	120
			Pyridine-d5	40	11.95	30		20	120
			Phenol-d5	40	27.85	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.61	77		10	150
P2754-06MS	A4BP6MS	BG061626.D	2-Chlorophenol-d4	40	31.21	78		15	120
			4-Methylphenol-d8	40	25.18	63		10	140
			Nitrobenzene-d5	40	38.20	95		10	135
			2-Nitrophenol-d4	40	42.66	107		10	120

Surrogate Summary

SW-846

SDG No.: **BG062124**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2754-06MS	A4BP6MS	BG061626.D	2,4-Dichlorophenol-d3	40	37.34	93		10	140
			4-Chloroaniline-d4	40	17.21	43		1	145
			Dimethylphthalate-d6	40	35.42	89		10	145
			Acenaphthylene-d8	40	36.71	92		15	120
			4-Nitrophenol-d4	40	33.14	83		10	150
			Fluorene-d10	40	35.68	89		20	140
			4,6-Dinitro-2-methylphenol-d2	40	40.75	102		10	130
			Anthracene-d10	40	36.44	91		10	150
			Pyrene-d10	40	34.54	86		10	130
			Benzo(a)pyrene-d12	40	25.16	63		10	140
P2754-07MSD	A4BP6MSD	BG061627.D	1,4-Dioxane-d8	8	5.16	64		15	120
			Pyridine-d5	40	11.61	29		20	120
			Phenol-d5	40	28.05	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.30	73		10	150
			2-Chlorophenol-d4	40	29.56	74		15	120
			4-Methylphenol-d8	40	24.60	62		10	140
			Nitrobenzene-d5	40	35.86	90		10	135
			2-Nitrophenol-d4	40	37.66	94		10	120
			2,4-Dichlorophenol-d3	40	33.94	85		10	140
			4-Chloroaniline-d4	40	15.68	39		1	145
			Dimethylphthalate-d6	40	34.01	85		10	145
			Acenaphthylene-d8	40	34.78	87		15	120
			4-Nitrophenol-d4	40	32.08	80		10	150
			Fluorene-d10	40	35.17	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.87	95		10	130
			Anthracene-d10	40	34.85	87		10	150
			Pyrene-d10	40	32.90	82		10	130
			Benzo(a)pyrene-d12	40	23.18	58		10	140
P2754-08	A4BP7	BG061621.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	5.48	69		15	120
			Phenol-d5	40	25.86	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.63	64		10	150
			2-Chlorophenol-d4	40	26.45	66		15	120
			4-Methylphenol-d8	40	24.89	62		10	140
			Nitrobenzene-d5	40	29.03	73		10	135
			2-Nitrophenol-d4	40	30.86	77		10	120
			2,4-Dichlorophenol-d3	40	27.69	69		10	140
			4-Chloroaniline-d4	40	18.04	45		1	145
			Dimethylphthalate-d6	40	28.91	72		10	145
			Acenaphthylene-d8	40	30.44	76		15	120
			4-Nitrophenol-d4	40	26.98	67		10	150
			Fluorene-d10	40	31.07	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.85	60		10	130
			Anthracene-d10	40	29.51	74		10	150
			Pyrene-d10	40	26.75	67		10	130
			Benzo(a)pyrene-d12	40	19.74	49		10	140
P2754-09	A4BP8	BG061622.D	1,4-Dioxane-d8	8	4.96	62		15	120
			Pyridine-d5	40	1.32	3	*	20	120
			Phenol-d5	40	25.41	64		10	130

Surrogate Summary

SW-846

SDG No.: BG062124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2754-09	A4BP8	BG061622.D	Bis(2-Chloroethyl)ether-d8	40	24.45	61		10	150
			2-Chlorophenol-d4	40	26.04	65		15	120
			4-Methylphenol-d8	40	24.42	61		10	140
			Nitrobenzene-d5	40	28.63	72		10	135
			2-Nitrophenol-d4	40	29.35	73		10	120
			2,4-Dichlorophenol-d3	40	26.00	65		10	140
			4-Chloroaniline-d4	40	18.61	47		1	145
			Dimethylphthalate-d6	40	25.82	65		10	145
			Acenaphthylene-d8	40	28.14	70		15	120
			4-Nitrophenol-d4	40	23.08	58		10	150
			Fluorene-d10	40	28.57	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.09	55		10	130
			Anthracene-d10	40	28.12	70		10	150
			Pyrene-d10	40	26.30	66		10	130
			Benzo(a)pyrene-d12	40	19.19	48		10	140
P2754-10	A4BP9	BG061628.D	1,4-Dioxane-d8	8	5.69	71		15	120
			Pyridine-d5	40	1.93	5	*	20	120
			Phenol-d5	40	29.41	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.00	70		10	150
			2-Chlorophenol-d4	40	29.60	74		15	120
			4-Methylphenol-d8	40	28.13	70		10	140
			Nitrobenzene-d5	40	34.18	85		10	135
			2-Nitrophenol-d4	40	37.17	93		10	120
			2,4-Dichlorophenol-d3	40	31.63	79		10	140
			4-Chloroaniline-d4	40	21.51	54		1	145
			Dimethylphthalate-d6	40	31.43	79		10	145
			Acenaphthylene-d8	40	32.46	81		15	120
			4-Nitrophenol-d4	40	28.99	72		10	150
			Fluorene-d10	40	33.14	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.01	53		10	130
			Anthracene-d10	40	31.03	78		10	150
			Pyrene-d10	40	29.76	74		10	130
P2754-11	A4BQ0	BG061629.D	Benzo(a)pyrene-d12	40	21.20	53		10	140
			1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	24.15	60		20	120
			Phenol-d5	40	27.16	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.01	65		10	150
			2-Chlorophenol-d4	40	28.38	71		15	120
			4-Methylphenol-d8	40	27.94	70		10	140
			Nitrobenzene-d5	40	30.53	76		10	135
			2-Nitrophenol-d4	40	33.89	85		10	120
			2,4-Dichlorophenol-d3	40	28.78	72		10	140
			4-Chloroaniline-d4	40	27.00	68		1	145
			Dimethylphthalate-d6	40	28.61	72		10	145
			Acenaphthylene-d8	40	30.30	76		15	120
			4-Nitrophenol-d4	40	27.62	69		10	150
			Fluorene-d10	40	30.63	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.55	44		10	130
			Anthracene-d10	40	30.60	77		10	150

Surrogate Summary

SW-846

SDG No.: **BG062124**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2754-11	A4BQ0	BG061629.D	Pyrene-d10	40	32.91	82		10	130
			Benzo(a)pyrene-d12	40	31.65	79		10	140
P2754-12	A4BQ5	BG061630.D	1,4-Dioxane-d8	8	6.11	76		15	120
			Pyridine-d5	40	26.31	66		20	120
			Phenol-d5	40	28.51	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.54	69		10	150
			2-Chlorophenol-d4	40	29.50	74		15	120
			4-Methylphenol-d8	40	28.80	72		10	140
			Nitrobenzene-d5	40	32.97	82		10	135
			2-Nitrophenol-d4	40	34.95	87		10	120
			2,4-Dichlorophenol-d3	40	31.10	78		10	140
			4-Chloroaniline-d4	40	28.49	71		1	145
			Dimethylphthalate-d6	40	29.66	74		10	145
			Acenaphthylene-d8	40	32.63	82		15	120
			4-Nitrophenol-d4	40	30.22	76		10	150
			Fluorene-d10	40	32.46	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.82	52		10	130
			Anthracene-d10	40	31.17	78		10	150
			Pyrene-d10	40	32.28	81		10	130
			Benzo(a)pyrene-d12	40	33.03	83		10	140
P2754-16	A4DG4	BG061614.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	27.35	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.00	68		10	150
			2-Chlorophenol-d4	40	26.87	67		15	120
			4-Methylphenol-d8	40	29.54	74		10	140
			Nitrobenzene-d5	40	28.01	70		10	135
			2-Nitrophenol-d4	40	29.53	74		10	120
			2,4-Dichlorophenol-d3	40	39.51	99		10	140
			4-Chloroaniline-d4	40	24.73	62		1	145
			Dimethylphthalate-d6	40	33.21	83		10	145
			Acenaphthylene-d8	40	33.87	85		15	120
			4-Nitrophenol-d4	40	31.04	78		10	150
			Fluorene-d10	40	34.54	86		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.31	73		10	130
			Anthracene-d10	40	33.84	85		10	150
			Pyrene-d10	40	35.30	88		10	130
			Benzo(a)pyrene-d12	40	35.70	89		10	140
P2754-16DL	A4DG4DL	BG061615.D	1,4-Dioxane-d8	8	3.24	41		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	27.30	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.81	67		10	150
			2-Chlorophenol-d4	40	29.02	73		15	120
			4-Methylphenol-d8	40	28.68	72		10	140
			Nitrobenzene-d5	40	29.04	73		10	135
			2-Nitrophenol-d4	40	26.46	66		10	120
			2,4-Dichlorophenol-d3	40	37.66	94		10	140
			4-Chloroaniline-d4	40	23.98	60		1	145
			Dimethylphthalate-d6	40	34.22	86		10	145

Surrogate Summary

SW-846

SDG No.: **BG062124**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2754-16DL	A4DG4DL	BG061615.D	Acenaphthylene-d8	40	34.86	87		15	120
			4-Nitrophenol-d4	40	31.31	78		10	150
			Fluorene-d10	40	36.04	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.90	60		10	130
			Anthracene-d10	40	35.72	89		10	150
			Pyrene-d10	40	36.11	90		10	130
			Benzo(a)pyrene-d12	40	35.10	88		10	140
P2754-17	A4BQ1	BG061631.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	31.16	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.30	83		10	150
			2-Chlorophenol-d4	40	34.18	85		15	120
			4-Methylphenol-d8	40	27.45	69		10	140
			Nitrobenzene-d5	40	35.19	88		10	135
			2-Nitrophenol-d4	40	40.85	102		10	120
			2,4-Dichlorophenol-d3	40	33.40	84		10	140
			4-Chloroaniline-d4	40	9.88	25		1	145
			Dimethylphthalate-d6	40	32.36	81		10	145
			Acenaphthylene-d8	40	34.35	86		15	120
			4-Nitrophenol-d4	40	20.87	52		10	150
			Fluorene-d10	40	34.30	86		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.70	62		10	130
			Anthracene-d10	40	33.14	83		10	150
			Pyrene-d10	40	31.93	80		10	130
			Benzo(a)pyrene-d12	40	22.93	57		10	140
			1,4-Dioxane-d8	8	5.07	63		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	29.32	73		10	130
P2754-18	A4BQ4	BG061632.D	Bis(2-Chloroethyl)ether-d8	40	27.30	68		10	150
			2-Chlorophenol-d4	40	29.25	73		15	120
			4-Methylphenol-d8	40	27.84	70		10	140
			Nitrobenzene-d5	40	34.17	85		10	135
			2-Nitrophenol-d4	40	37.15	93		10	120
			2,4-Dichlorophenol-d3	40	32.25	81		10	140
			4-Chloroaniline-d4	40	22.20	55		1	145
			Dimethylphthalate-d6	40	31.21	78		10	145
			Acenaphthylene-d8	40	32.97	82		15	120
			4-Nitrophenol-d4	40	30.13	75		10	150
			Fluorene-d10	40	34.56	86		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.60	62		10	130
			Anthracene-d10	40	34.02	85		10	150
			Pyrene-d10	40	32.47	81		10	130
			Benzo(a)pyrene-d12	40	23.47	59		10	140
			1,4-Dioxane-d8	8	4.80	60		15	120
			Pyridine-d5	40	20.62	52		20	120
			Phenol-d5	40	24.86	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.46	59		10	150
			2-Chlorophenol-d4	40	24.98	62		15	120
			4-Methylphenol-d8	40	22.74	57		10	140
P2754-19	A4BQ6	BG061633.D	1,4-Dioxane-d8	8	4.80	60		15	120
			Pyridine-d5	40	20.62	52		20	120
			Phenol-d5	40	24.86	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.46	59		10	150
			2-Chlorophenol-d4	40	24.98	62		15	120
			4-Methylphenol-d8	40	22.74	57		10	140

Surrogate Summary

SW-846

SDG No.: BG062124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2754-19	A4BQ6	BG061633.D	Nitrobenzene-d5	40	26.52	66		10	135
			2-Nitrophenol-d4	40	28.99	72		10	120
			2,4-Dichlorophenol-d3	40	26.72	67		10	140
			4-Chloroaniline-d4	40	16.38	41		1	145
			Dimethylphthalate-d6	40	26.44	66		10	145
			Acenaphthylene-d8	40	28.47	71		15	120
			4-Nitrophenol-d4	40	27.90	70		10	150
			Fluorene-d10	40	27.97	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.58	54		10	130
			Anthracene-d10	40	27.09	68		10	150
			Pyrene-d10	40	28.46	71		10	130
			Benzo(a)pyrene-d12	40	28.58	71		10	140
P2754-20	A4BQ7	BG061634.D	1,4-Dioxane-d8	8	4.73	59		15	120
			Pyridine-d5	40	23.64	59		20	120
			Phenol-d5	40	25.10	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.88	60		10	150
			2-Chlorophenol-d4	40	25.44	64		15	120
			4-Methylphenol-d8	40	25.54	64		10	140
			Nitrobenzene-d5	40	29.81	75		10	135
			2-Nitrophenol-d4	40	32.47	81		10	120
			2,4-Dichlorophenol-d3	40	27.48	69		10	140
			4-Chloroaniline-d4	40	25.49	64		1	145
			Dimethylphthalate-d6	40	27.15	68		10	145
			Acenaphthylene-d8	40	28.93	72		15	120
			4-Nitrophenol-d4	40	25.69	64		10	150
			Fluorene-d10	40	28.15	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.52	54		10	130
			Anthracene-d10	40	28.19	70		10	150
			Pyrene-d10	40	29.02	73		10	130
			Benzo(a)pyrene-d12	40	29.11	73		10	140
P2754-21	A4CX9	BG061635.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	21.79	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.26	56		10	150
			2-Chlorophenol-d4	40	23.35	58		15	120
			4-Methylphenol-d8	40	19.94	50		10	140
			Nitrobenzene-d5	40	26.96	67		10	135
			2-Nitrophenol-d4	40	27.90	70		10	120
			2,4-Dichlorophenol-d3	40	24.06	60		10	140
			4-Chloroaniline-d4	40	6.33	16		1	145
			Dimethylphthalate-d6	40	22.95	57		10	145
			Acenaphthylene-d8	40	25.00	62		15	120
			4-Nitrophenol-d4	40	12.36	31		10	150
			Fluorene-d10	40	24.30	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.05	43		10	130
			Anthracene-d10	40	23.40	59		10	150
			Pyrene-d10	40	24.73	62		10	130
			Benzo(a)pyrene-d12	40	24.23	61		10	140
P2754-22	A4CY0	BG061636.D	1,4-Dioxane-d8	8	4.71	59		15	120

Surrogate Summary

SW-846

SDG No.: BG062124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2754-22	A4CY0	BG061636.D	Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	19.77	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.02	60		10	150
			2-Chlorophenol-d4	40	21.28	53		15	120
			4-Methylphenol-d8	40	20.96	52		10	140
			Nitrobenzene-d5	40	27.79	69		10	135
			2-Nitrophenol-d4	40	18.02	45		10	120
			2,4-Dichlorophenol-d3	40	18.64	47		10	140
			4-Chloroaniline-d4	40	7.91	20		1	145
			Dimethylphthalate-d6	40	21.98	55		10	145
			Acenaphthylene-d8	40	26.35	66		15	120
			4-Nitrophenol-d4	40	2.97	7	*	10	150
			Fluorene-d10	40	25.62	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.26	8	*	10	130
			Anthracene-d10	40	26.17	65		10	150
			Pyrene-d10	40	26.30	66		10	130
			Benzo(a)pyrene-d12	40	25.97	65		10	140
P2754-23	A4CY2	BG061637.D	1,4-Dioxane-d8	8	3.77	47		15	120
			Pyridine-d5	40	4.05	10	*	20	120
			Phenol-d5	40	20.32	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.83	50		10	150
			2-Chlorophenol-d4	40	20.11	50		15	120
			4-Methylphenol-d8	40	19.51	49		10	140
			Nitrobenzene-d5	40	23.96	60		10	135
			2-Nitrophenol-d4	40	23.77	59		10	120
			2,4-Dichlorophenol-d3	40	19.96	50		10	140
			4-Chloroaniline-d4	40	17.60	44		1	145
			Dimethylphthalate-d6	40	19.74	49		10	145
			Acenaphthylene-d8	40	21.67	54		15	120
			4-Nitrophenol-d4	40	11.31	28		10	150
			Fluorene-d10	40	21.73	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.85	22		10	130
			Anthracene-d10	40	21.76	54		10	150
			Pyrene-d10	40	22.04	55		10	130
			Benzo(a)pyrene-d12	40	22.32	56		10	140
PB161409BL	PB161409BL	BG061624.D	1,4-Dioxane-d8	8	6.08	76		15	120
			Pyridine-d5	40	32.19	80		20	120
		BG061613.D	Pyridine-d5	40	30.04	75		20	120
			1,4-Dioxane-d8	8	6.13	77		15	120
		BG061624.D	Phenol-d5	40	28.53	71		10	130
			Phenol-d5	40	29.52	74		10	130
		BG061613.D	Bis(2-Chloroethyl)ether-d8	40	32.01	80		10	150
			Bis(2-Chloroethyl)ether-d8	40	29.94	75		10	150
		BG061624.D	2-Chlorophenol-d4	40	29.02	73		15	120
			2-Chlorophenol-d4	40	30.53	76		15	120
		BG061613.D	4-Methylphenol-d8	40	29.93	75		10	140
			4-Methylphenol-d8	40	28.41	71		10	140
		BG061624.D	Nitrobenzene-d5	40	31.52	79		10	135
			Nitrobenzene-d5	40	34.07	85		10	135

Surrogate Summary

SW-846

SDG No.: BG062124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161409BL	PB161409BL	BG061624.D	2-Nitrophenol-d4	40	36.19	90		10	120
		BG061613.D	2-Nitrophenol-d4	40	31.21	78		10	120
			2,4-Dichlorophenol-d3	40	28.37	71		10	140
		BG061624.D	2,4-Dichlorophenol-d3	40	29.55	74		10	140
			4-Chloroaniline-d4	40	28.94	72		1	145
		BG061613.D	4-Chloroaniline-d4	40	29.72	74		1	145
			Dimethylphthalate-d6	40	32.25	81		10	145
		BG061624.D	Dimethylphthalate-d6	40	29.90	75		10	145
			Acenaphthylene-d8	40	30.92	77		15	120
		BG061613.D	Acenaphthylene-d8	40	30.34	76		15	120
			4-Nitrophenol-d4	40	29.05	73		10	150
		BG061624.D	4-Nitrophenol-d4	40	30.22	76		10	150
			Fluorene-d10	40	30.97	77		20	140
		BG061613.D	Fluorene-d10	40	31.30	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.67	57		10	130
		BG061624.D	4,6-Dinitro-2-methylphenol-d2	40	26.25	66		10	130
			Anthracene-d10	40	31.00	77		10	150
		BG061613.D	Anthracene-d10	40	31.75	79		10	150
			Pyrene-d10	40	31.72	79		10	130
		BG061624.D	Pyrene-d10	40	31.60	79		10	130
			Benzo(a)pyrene-d12	40	32.18	80		10	140
		BG061613.D	Benzo(a)pyrene-d12	40	32.92	82		10	140
PB161409BS	PB161409BS	BG061638.D	1,4-Dioxane-d8	8	6.13	77		15	120
			Pyridine-d5	40	32.50	81		20	120
			Phenol-d5	40	35.63	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.84	82		10	150
			2-Chlorophenol-d4	40	36.61	92		15	120
			4-Methylphenol-d8	40	35.00	87		10	140
			Nitrobenzene-d5	40	39.96	100		10	135
			2-Nitrophenol-d4	40	43.89	110		10	120
			2,4-Dichlorophenol-d3	40	37.95	95		10	140
			4-Chloroaniline-d4	40	34.35	86		1	145
			Dimethylphthalate-d6	40	36.77	92		10	145
			Acenaphthylene-d8	40	38.78	97		15	120
			4-Nitrophenol-d4	40	41.06	103		10	150
			Fluorene-d10	40	37.67	94		20	140
			4,6-Dinitro-2-methylphenol-d2	40	44.99	112		10	130
			Anthracene-d10	40	37.55	94		10	150
			Pyrene-d10	40	39.33	98		10	130
			Benzo(a)pyrene-d12	40	39.17	98		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG062124

Lab Code: CHEM

SAS No.: BG062124

SDG NO.: BG062124

Lab File ID: BG061611.D

DFTPP Injection Date: 06/21/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	53.3
68	Less than 2.0% of mass 69	0.6 (1.4) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	44.1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	76.1
443	15.0 - 24.0% of mass 442	15 (19.7) 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
SSTD020527	SSTDCCC020	BG061612.D	06/21/2024	09:09
SBLK409	PB161409BL	BG061613.D	06/21/2024	09:48
A4DG4	P2754-16	BG061614.D	06/21/2024	10:28
A4DG4DL	P2754-16DL	BG061615.D	06/21/2024	11:22
A4BP2	P2754-01	BG061616.D	06/21/2024	12:04
SP6537	SP6537	BG061617.D	06/21/2024	12:45
A4BP4	P2754-03	BG061618.D	06/21/2024	13:26
A4BP5	P2754-04	BG061619.D	06/21/2024	14:07
A4BP3	P2754-02	BG061620.D	06/21/2024	14:48
A4BP7	P2754-08	BG061621.D	06/21/2024	15:29
A4BP8	P2754-09	BG061622.D	06/21/2024	16:10
SSTD020528	SSTDCCC020	BG061623.D	06/21/2024	16:52
SBLK409	PB161409BL	BG061624.D	06/21/2024	17:33
A4BP6	P2754-05	BG061625.D	06/21/2024	18:14
A4BP6MS	P2754-06MS	BG061626.D	06/21/2024	18:55
A4BP6MSD	P2754-07MSD	BG061627.D	06/21/2024	19:36
A4BP9	P2754-10	BG061628.D	06/21/2024	20:17
A4BQ0	P2754-11	BG061629.D	06/21/2024	20:58

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG062124

Lab Code: CHEM

SAS No.: BG062124 SDG NO.: BG062124

Lab File ID: BG061611.D

DFTPP Injection Date: 06/21/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	53.3
68	Less than 2.0% of mass 69	0.6 (1.4) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	44.1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	76.1
443	15.0 - 24.0% of mass 442	15 (19.7) 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
A4BQ5	P2754-12	BG061630.D	06/21/2024	21:39
A4BQ1	P2754-17	BG061631.D	06/21/2024	22:20
A4BQ4	P2754-18	BG061632.D	06/21/2024	23:01
A4BQ6	P2754-19	BG061633.D	06/21/2024	23:43
A4BQ7	P2754-20	BG061634.D	06/22/2024	00:24
A4CX9	P2754-21	BG061635.D	06/22/2024	01:05
A4CY0	P2754-22	BG061636.D	06/22/2024	01:46
A4CY2	P2754-23	BG061637.D	06/22/2024	02:27
SLCS409	PB161409BS	BG061638.D	06/22/2024	03:09
SSTD020529	SSTDCCC020EC	BG061639.D	06/22/2024	04:30