

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062224 SAS No.: BG062224 SDG No.: BG062224

Instrument ID: BNA_G Calibration Date/Time: 6/22/2024 1:09:39

Lab File ID: BG061641.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020530 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	0.661	0.010	-3.9027	40.0
Benzaldehyde	1.068	1.330	0.010	24.4542	40.0
Pyridine	1.799	1.665	0.010	-7.4493	40.0
Phenol	2.285	2.325	0.080	1.7747	20.0
Bis(2-Chloroethyl)ether	1.720	1.711	0.100	-0.5065	20.0
2-Chlorophenol	1.495	1.590	0.200	6.3996	20.0
2-Methylphenol	1.599	1.724	0.010	7.8655	20.0
2,2-oxybis(1-Chloropropane)	3.513	3.631	0.010	3.3363	40.0
Acetophenone	2.764	2.913	0.060	5.3973	20.0
4-Methylphenol	1.791	1.848	0.010	3.185	20.0
N-Nitroso-di-n-propylamine	1.485	1.507	0.050	1.4793	30.0
Hexachloroethane	0.599	0.637	0.100	6.2796	20.0
Nitrobenzene	0.391	0.398	0.050	1.8417	25.0
Isophorone	0.900	0.812	0.050	-9.7234	25.0
2-Nitrophenol	0.144	0.165	0.050	14.6179	25.0
2,4-Dimethylphenol	0.402	0.398	0.050	-1.1261	25.0
Bis(2-Chloroethoxy)methane	0.509	0.471	0.050	-7.4219	20.0
2,4-Dichlorophenol	0.298	0.305	0.060	2.3183	20.0
Naphthalene	1.119	1.081	0.200	-3.4044	20.0
4-Chloroaniline	0.489	0.467	0.010	-4.5376	40.0
Hexachlorobutadiene	0.206	0.212	0.040	2.8952	30.0
Caprolactam	0.123	0.115	0.010	-6.9766	40.0
4-Chloro-3-methylphenol	0.417	0.401	0.040	-4.0012	25.0
1-Methylnaphthalene	0.843	0.809	0.100	-3.9327	20.0
2-Methylnaphthalene	0.790	0.772	0.100	-2.2349	20.0
Hexachlorocyclopentadiene	0.337	0.230	0.010	-31.6143	40.0
2,4,6-Trichlorophenol	0.365	0.394	0.090	7.7559	25.0
2,4,5-Trichlorophenol	0.398	0.434	0.100	8.9276	25.0
1,1-Biphenyl	1.449	1.466	0.200	1.1629	20.0
2-Chloronaphthalene	1.113	1.147	0.300	3.0999	20.0
2-Nitroaniline	0.381	0.424	0.050	11.1973	40.0
Dimethylphthalate	1.528	1.372	0.300	-10.2516	20.0
2,6-Dinitrotoluene	0.254	0.281	0.080	10.7627	30.0
Acenaphthylene	1.883	1.905	0.400	1.1981	20.0
3-Nitroaniline	0.260	0.284	0.010	9.3667	40.0
Acenaphthene	1.304	1.296	0.200	-0.6304	20.0
2,4-Dinitrophenol	0.129	0.119	0.010	-7.5458	40.0
4-Nitrophenol	0.273	0.261	0.010	-4.516	40.0
Dibenzofuran	1.825	1.804	0.300	-1.1392	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG062224 SAS No.: BG062224 SDG No.: BG062224
Instrument ID: BNA_G Calibration Date/Time: 6/22/2024 1:09:39
Lab File ID: BG061641.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020530 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	0.416	0.070	10.466	30.0
Diethylphthalate	1.574	1.453	0.300	-7.679	20.0
Fluorene	1.510	1.480	0.200	-1.9716	20.0
4-Chlorophenyl-phenylether	0.750	0.741	0.100	-1.1328	20.0
4-Nitroaniline	0.275	0.278	0.010	1.0596	40.0
4,6-Dinitro-2-methylphenol	0.097	0.091	0.010	-6.3387	40.0
N-Nitrosodiphenylamine	0.517	0.538	0.050	4.0777	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.593	0.100	4.7984	20.0
4-Bromophenyl-phenylether	0.206	0.212	0.070	2.8975	20.0
Hexachlorobenzene	0.250	0.250	0.050	-0.1229	25.0
Atrazine	0.207	0.199	0.010	-3.5575	25.0
Pentachlorophenol	0.152	0.142	0.010	-6.9431	40.0
Phenanthrene	1.052	1.017	0.200	-3.3182	20.0
Pentachlorobenzene	0.268	0.279	0.050	4.3086	20.0
Anthracene	1.076	1.074	0.200	-0.1496	20.0
1,2,3,4-Tetrachlorobenzene	0.223	0.258	0.050	15.7997	20.0
Carbazole	0.914	0.922	0.050	0.9363	40.0
Di-n-butylphthalate	1.093	1.080	0.500	-1.1508	25.0
Fluoranthene	1.296	1.334	0.400	2.8989	25.0
Pyrene	1.378	1.406	0.400	2.0362	25.0
Butylbenzylphthalate	0.502	0.553	0.100	10.1068	40.0
3,3-Dichlorobenzidine	0.423	0.507	0.010	19.7916	40.0
Benzo(a)anthracene	1.404	1.408	0.300	0.2648	30.0
Chrysene	1.328	1.331	0.200	0.2278	30.0
Bis(2-ethylhexyl)phthalate	0.738	0.796	0.200	7.8979	40.0
Di-n-octyl phthalate	1.055	1.169	0.010	10.7883	40.0
Benzo(b)fluoranthene	1.202	1.226	0.200	2.0138	25.0
Benzo(k)fluoranthene	1.236	1.244	0.200	0.6463	25.0
Benzo(a)pyrene	1.157	1.166	0.200	0.748	20.0
Indeno(1,2,3-cd)pyrene	1.442	1.523	0.200	5.5862	25.0
Dibenzo(a,h)anthracene	1.199	1.242	0.200	3.5258	30.0
Benzo(g,h,i)perylene	1.163	1.212	0.200	4.2284	30.0
2,3,4,6-Tetrachlorophenol	0.390	0.389	0.040	-0.2344	20.0
1,4-Dioxane-d8	0.554	0.542	0.010	-2.0448	25.0
Pyridine-d5	1.674	1.658	0.010	-0.9458	40.0
Phenol-d5	2.171	2.294	0.010	5.6412	25.0
Bis-(2-Chloroethyl)ether-d8	1.353	1.380	0.050	1.9344	25.0
2-Chlorophenol-d4	1.490	1.593	0.200	6.915	20.0
4-Methylphenol-d8	1.678	1.745	0.010	3.9501	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062224 SAS No.: BG062224 SDG No.: BG062224

Instrument ID: BNA_G Calibration Date/Time: 6/22/2024 1:09:39

Lab File ID: BG061641.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020530 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.142	0.050	4.5059	20.0
2-Nitrophenol-d4	0.138	0.164	0.050	19.235	30.0
2,4-Dichlorophenol-d3	0.326	0.339	0.060	4.2435	20.0
4-Chloroaniline-d4	0.493	0.465	0.010	-5.7434	40.0
Dimethylphthalate-d6	1.539	1.494	0.300	-2.9184	20.0
Acenaphthylene-d8	1.687	1.752	0.400	3.8524	20.0
4-Nitrophenol-d4	0.264	0.264	0.010	0.0293	40.0
Fluorene-d10	1.347	1.315	0.100	-2.3789	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.081	0.010	-4.9143	40.0
Anthracene-d10	0.913	0.899	0.300	-1.5074	20.0
Pyrene-d10	1.117	1.135	0.300	1.5722	25.0
Benzo(a)pyrene-d12	0.955	0.979	0.010	2.4594	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.: BG062224 SAS No.: BG062224 SDG No.: BG062224
Instrument ID: BNA_G Calibration Date/Time: 6/22/2024 1:15:44
Lab File ID: BG061650.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020531 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	0.585	0.010	-14.9717	40.0
Benzaldehyde	1.068	1.262	0.010	18.131	40.0
Pyridine	1.799	1.659	0.010	-7.7922	40.0
Phenol	2.285	2.330	0.080	1.9797	20.0
Bis(2-Chloroethyl) ether	1.720	1.639	0.100	-4.7181	20.0
2-Chlorophenol	1.495	1.612	0.200	7.829	20.0
2-Methylphenol	1.599	1.624	0.010	1.5721	20.0
2,2-oxybis(1-Chloropropane)	3.513	3.571	0.010	1.6474	40.0
Acetophenone	2.764	2.680	0.060	-3.0414	20.0
4-Methylphenol	1.791	1.759	0.010	-1.7661	20.0
N-Nitroso-di-n-propylamine	1.485	1.389	0.050	-6.433	30.0
Hexachloroethane	0.599	0.637	0.100	6.3418	20.0
Nitrobenzene	0.391	0.422	0.050	7.8854	25.0
Isophorone	0.900	0.831	0.050	-7.665	25.0
2-Nitrophenol	0.144	0.165	0.050	14.496	25.0
2,4-Dimethylphenol	0.402	0.415	0.050	3.1639	25.0
Bis(2-Chloroethoxy) methane	0.509	0.480	0.050	-5.6622	20.0
2,4-Dichlorophenol	0.298	0.320	0.060	7.2739	20.0
Naphthalene	1.119	1.118	0.200	-0.0872	20.0
4-Chloroaniline	0.489	0.458	0.010	-6.3424	40.0
Hexachlorobutadiene	0.206	0.220	0.040	6.7673	30.0
Caprolactam	0.123	0.114	0.010	-7.6821	40.0
4-Chloro-3-methylphenol	0.417	0.434	0.040	3.9086	25.0
1-Methylnaphthalene	0.843	0.819	0.100	-2.7354	20.0
2-Methylnaphthalene	0.790	0.789	0.100	-0.0993	20.0
Hexachlorocyclopentadiene	0.337	0.232	0.010	-31.0657	40.0
2,4,6-Trichlorophenol	0.365	0.405	0.090	10.967	25.0
2,4,5-Trichlorophenol	0.398	0.433	0.100	8.693	25.0
1,1-Biphenyl	1.449	1.486	0.200	2.55	20.0
2-Chloronaphthalene	1.113	1.146	0.300	2.9558	20.0
2-Nitroaniline	0.381	0.441	0.050	15.8723	40.0
Dimethylphthalate	1.528	1.430	0.300	-6.4229	20.0
2,6-Dinitrotoluene	0.254	0.291	0.080	14.6242	30.0
Acenaphthylene	1.883	1.890	0.400	0.4049	20.0
3-Nitroaniline	0.260	0.298	0.010	14.6575	40.0
Acenaphthene	1.304	1.319	0.200	1.1789	20.0
2,4-Dinitrophenol	0.129	0.110	0.010	-15.0304	40.0
4-Nitrophenol	0.273	0.256	0.010	-6.1937	40.0
Dibenzofuran	1.825	1.829	0.300	0.2636	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062224 SAS No.: BG062224 SDG No.: BG062224

Instrument ID: BNA_G Calibration Date/Time: 6/22/2024 1:15:44

Lab File ID: BG061650.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020531 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	0.428	0.070	13.7515	30.0
Diethylphthalate	1.574	1.513	0.300	-3.8716	20.0
Fluorene	1.510	1.502	0.200	-0.5088	20.0
4-Chlorophenyl-phenylether	0.750	0.707	0.100	-5.7458	20.0
4-Nitroaniline	0.275	0.302	0.010	9.9308	40.0
4,6-Dinitro-2-methylphenol	0.097	0.087	0.010	-10.6324	40.0
N-Nitrosodiphenylamine	0.517	0.551	0.050	6.5802	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.602	0.100	6.4173	20.0
4-Bromophenyl-phenylether	0.206	0.223	0.070	8.2371	20.0
Hexachlorobenzene	0.250	0.256	0.050	2.256	25.0
Atrazine	0.207	0.207	0.010	0.2313	25.0
Pentachlorophenol	0.152	0.148	0.010	-2.9946	40.0
Phenanthrene	1.052	1.029	0.200	-2.1618	20.0
Pentachlorobenzene	0.268	0.293	0.050	9.6796	20.0
Anthracene	1.076	1.061	0.200	-1.4287	20.0
1,2,3,4-Tetrachlorobenzene	0.223	0.263	0.050	18.1799	20.0
Carbazole	0.914	0.905	0.050	-0.9725	40.0
Di-n-butylphthalate	1.093	1.093	0.500	0.0684	25.0
Fluoranthene	1.296	1.348	0.400	4.0235	25.0
Pyrene	1.378	1.388	0.400	0.7288	25.0
Butylbenzylphthalate	0.502	0.555	0.100	10.6852	40.0
3,3-Dichlorobenzidine	0.423	0.501	0.010	18.5009	40.0
Benzo (a) anthracene	1.404	1.399	0.300	-0.3256	30.0
Chrysene	1.328	1.324	0.200	-0.3085	30.0
Bis(2-ethylhexyl)phthalate	0.738	0.798	0.200	8.1749	40.0
Di-n-octyl phthalate	1.055	1.188	0.010	12.6035	40.0
Benzo (b) fluoranthene	1.202	1.196	0.200	-0.5168	25.0
Benzo (k) fluoranthene	1.236	1.205	0.200	-2.5111	25.0
Benzo (a) pyrene	1.157	1.172	0.200	1.2397	20.0
Indeno (1,2,3-cd) pyrene	1.442	1.489	0.200	3.2482	25.0
Dibenzo (a,h) anthracene	1.199	1.265	0.200	5.4447	30.0
Benzo (g,h,i) perylene	1.163	1.182	0.200	1.6517	30.0
2,3,4,6-Tetrachlorophenol	0.390	0.385	0.040	-1.3291	20.0
1,4-Dioxane-d8	0.554	0.521	0.010	-5.848	25.0
Pyridine-d5	1.674	1.610	0.010	-3.8137	40.0
Phenol-d5	2.171	2.174	0.010	0.1121	25.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.309	0.050	-3.3113	25.0
2-Chlorophenol-d4	1.490	1.488	0.200	-0.1554	20.0
4-Methylphenol-d8	1.678	1.678	0.010	-0.013	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG062224 SAS No.: BG062224 SDG No.: BG062224
 Instrument ID: BNA_G Calibration Date/Time: 6/22/2024 1:15:44
 Lab File ID: BG061650.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020531 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.151	0.050	10.887	20.0
2-Nitrophenol-d4	0.138	0.175	0.050	27.3012	30.0
2,4-Dichlorophenol-d3	0.326	0.339	0.060	4.136	20.0
4-Chloroaniline-d4	0.493	0.489	0.010	-0.8941	40.0
Dimethylphthalate-d6	1.539	1.448	0.300	-5.8858	20.0
Acenaphthylene-d8	1.687	1.711	0.400	1.4525	20.0
4-Nitrophenol-d4	0.264	0.258	0.010	-2.3676	40.0
Fluorene-d10	1.347	1.345	0.100	-0.191	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.083	0.010	-3.4459	40.0
Anthracene-d10	0.913	0.902	0.300	-1.1932	20.0
Pyrene-d10	1.117	1.136	0.300	1.6428	25.0
Benzo(a)pyrene-d12	0.955	0.959	0.010	0.3563	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.: BG062224 SAS No.: BG062224 SDG No.: BG062224

Instrument ID: BNA_G Calibration Date/Time: 6/23/2024 1:03:24

Lab File ID: BG061666.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020532 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	0.626	0.010	-9.0851	50.0
Benzaldehyde	1.068	1.263	0.010	18.177	50.0
Pyridine	1.799	1.624	0.010	-9.7373	50.0
Phenol	2.285	2.251	0.080	-1.4744	50.0
Bis(2-Chloroethyl)ether	1.720	1.652	0.100	-3.9358	50.0
2-Chlorophenol	1.495	1.564	0.200	4.6338	50.0
2-Methylphenol	1.599	1.610	0.010	0.6971	50.0
2,2-oxybis(1-Chloropropane)	3.513	3.524	0.010	0.2929	50.0
Acetophenone	2.764	2.685	0.060	-2.8427	50.0
4-Methylphenol	1.791	1.785	0.010	-0.3295	50.0
N-Nitroso-di-n-propylamine	1.485	1.429	0.050	-3.7465	50.0
Hexachloroethane	0.599	0.645	0.100	7.6971	50.0
Nitrobenzene	0.391	0.408	0.050	4.1949	50.0
Isophorone	0.900	0.798	0.050	-11.2754	50.0
2-Nitrophenol	0.144	0.174	0.050	21.1106	50.0
2,4-Dimethylphenol	0.402	0.394	0.050	-2.1367	50.0
Bis(2-Chloroethoxy)methane	0.509	0.474	0.050	-6.8501	50.0
2,4-Dichlorophenol	0.298	0.320	0.060	7.1555	50.0
Naphthalene	1.119	1.090	0.200	-2.619	50.0
4-Chloroaniline	0.489	0.460	0.010	-5.919	50.0
Hexachlorobutadiene	0.206	0.221	0.040	7.1391	50.0
Caprolactam	0.123	0.110	0.010	-10.7062	50.0
4-Chloro-3-methylphenol	0.417	0.404	0.040	-3.1335	50.0
1-Methylnaphthalene	0.843	0.776	0.100	-7.9425	50.0
2-Methylnaphthalene	0.790	0.750	0.100	-5.0595	50.0
Hexachlorocyclopentadiene	0.337	0.201	0.010	-40.3469	50.0
2,4,6-Trichlorophenol	0.365	0.409	0.090	11.8774	50.0
2,4,5-Trichlorophenol	0.398	0.427	0.100	7.3276	50.0
1,1-Biphenyl	1.449	1.522	0.200	5.0453	50.0
2-Chloronaphthalene	1.113	1.182	0.300	6.189	50.0
2-Nitroaniline	0.381	0.445	0.050	16.9153	50.0
Dimethylphthalate	1.528	1.394	0.300	-8.7909	50.0
2,6-Dinitrotoluene	0.254	0.291	0.080	14.6743	50.0
Acenaphthylene	1.883	1.854	0.400	-1.5296	50.0
3-Nitroaniline	0.260	0.295	0.010	13.7253	50.0
Acenaphthene	1.304	1.279	0.200	-1.9166	50.0
2,4-Dinitrophenol	0.129	0.118	0.010	-8.4881	50.0
4-Nitrophenol	0.273	0.238	0.010	-12.894	50.0
Dibenzofuran	1.825	1.770	0.300	-3.015	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG062224 SAS No.: BG062224 SDG No.: BG062224
Instrument ID: BNA_G Calibration Date/Time: 6/23/2024 1:03:24
Lab File ID: BG061666.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020532 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	0.420	0.070	11.5164	50.0
Diethylphthalate	1.574	1.426	0.300	-9.4329	50.0
Fluorene	1.510	1.442	0.200	-4.5265	50.0
4-Chlorophenyl-phenylether	0.750	0.720	0.100	-3.9529	50.0
4-Nitroaniline	0.275	0.278	0.010	0.9997	50.0
4,6-Dinitro-2-methylphenol	0.097	0.097	0.010	-0.3651	50.0
N-Nitrosodiphenylamine	0.517	0.536	0.050	3.6888	50.0
1,2,4,5-Tetrachlorobenzene	0.566	0.604	0.100	6.7218	50.0
4-Bromophenyl-phenylether	0.206	0.220	0.070	6.7949	50.0
Hexachlorobenzene	0.250	0.253	0.050	1.2712	50.0
Atrazine	0.207	0.203	0.010	-1.5344	50.0
Pentachlorophenol	0.152	0.154	0.010	1.4097	50.0
Phenanthrene	1.052	1.002	0.200	-4.745	50.0
Pentachlorobenzene	0.268	0.303	0.050	13.1897	50.0
Anthracene	1.076	1.030	0.200	-4.3044	50.0
1,2,3,4-Tetrachlorobenzene	0.223	0.276	0.050	23.8088	50.0
Carbazole	0.914	0.898	0.050	-1.6838	50.0
Di-n-butylphthalate	1.093	1.087	0.500	-0.5624	50.0
Fluoranthene	1.296	1.329	0.400	2.492	50.0
Pyrene	1.378	1.386	0.400	0.5649	50.0
Butylbenzylphthalate	0.502	0.559	0.100	11.4741	50.0
3,3-Dichlorobenzidine	0.423	0.504	0.010	19.2574	50.0
Benzo (a) anthracene	1.404	1.391	0.300	-0.89	50.0
Chrysene	1.328	1.272	0.200	-4.2767	50.0
Bis(2-ethylhexyl)phthalate	0.738	0.803	0.200	8.8049	50.0
Di-n-octyl phthalate	1.055	1.183	0.010	12.1733	50.0
Benzo (b) fluoranthene	1.202	1.200	0.200	-0.1889	50.0
Benzo (k) fluoranthene	1.236	1.200	0.200	-2.9193	50.0
Benzo (a) pyrene	1.157	1.158	0.200	0.0533	50.0
Indeno (1,2,3-cd) pyrene	1.442	1.456	0.200	0.915	50.0
Dibenzo (a,h) anthracene	1.199	1.138	0.200	-5.1013	50.0
Benzo (g,h,i) perylene	1.163	1.079	0.200	-7.2282	50.0
2,3,4,6-Tetrachlorophenol	0.390	0.365	0.040	-6.3725	50.0
1,4-Dioxane-d8	0.554	0.548	0.010	-1.1047	50.0
Pyridine-d5	1.674	1.614	0.010	-3.5972	50.0
Phenol-d5	2.171	2.183	0.010	0.541	50.0
Bis- (2-Chloroethyl) ether-d8	1.353	1.284	0.050	-5.1451	50.0
2-Chlorophenol-d4	1.490	1.529	0.200	2.6498	50.0
4-Methylphenol-d8	1.678	1.697	0.010	1.0854	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG062224 SAS No.: BG062224 SDG No.: BG062224

Instrument ID: BNA_G Calibration Date/Time: 6/23/2024 1:03:24

Lab File ID: BG061666.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020532 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.136	0.147	0.050	8.1215	50.0
2-Nitrophenol-d4	0.138	0.171	0.050	24.2755	50.0
2,4-Dichlorophenol-d3	0.326	0.334	0.060	2.4053	50.0
4-Chloroaniline-d4	0.493	0.470	0.010	-4.7405	50.0
Dimethylphthalate-d6	1.539	1.461	0.300	-5.076	50.0
Acenaphthylene-d8	1.687	1.724	0.400	2.2106	50.0
4-Nitrophenol-d4	0.264	0.258	0.010	-2.5817	50.0
Fluorene-d10	1.347	1.344	0.100	-0.2435	50.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.090	0.010	5.8162	50.0
Anthracene-d10	0.913	0.898	0.300	-1.6666	50.0
Pyrene-d10	1.117	1.130	0.300	1.1716	50.0
Benzo(a)pyrene-d12	0.955	0.958	0.010	0.3252	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG062224
Lab Sample ID:	PB161446BL	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
BG061642.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

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:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG062224
Lab Sample ID:	PB161446BL	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
BG061642.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

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:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG062224
Lab Sample ID:	PB161446BL	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
BG061642.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.082		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	26.76		20-120		67	SPK: -40
4165-62-2	Phenol-d5	29.042		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.549		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.828		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	28.635		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	32.616		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.21		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.546		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.437		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.684		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.959		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.081		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	29.625		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG062224
Lab Sample ID:	PB161446BL	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
BG061642.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.968		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	29.811		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	30.761		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.19		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55720	8.073				
1146-65-2	Naphthalene-d8	274078	10.887				
15067-26-2	Acenaphthene-d10	196274	14.701				
1517-22-2	Phenanthrene-d10	456181	17.444				
1719-03-5	Chrysene-d12	403548	21.71				
1520-96-3	Perylene-d12	480843	24.93				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			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:	A4C90	SDG No.:	BG062224
Lab Sample ID:	P2775-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.2
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
BG061643.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	6.9	70	ug/Kg
100-52-7	Benzaldehyde	61	U	61	86.7	350	ug/Kg
110-86-1	Pyridine	81	U	81	170	350	ug/Kg
108-95-2	Phenol	32	U	32	86.7	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	30	U	30	86.7	350	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	44.7	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	86.7	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	86.7	350	ug/Kg
98-86-2	Acetophenone	69	U	69	86.7	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	86.7	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	83	U	83	44.7	180	ug/Kg
67-72-1	Hexachloroethane	64	U	64	44.7	180	ug/Kg
98-95-3	Nitrobenzene	67	U	67	44.7	180	ug/Kg
78-59-1	Isophorone	69	U	69	44.7	180	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	44.7	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	44.7	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	44.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	44.7	180	ug/Kg
91-20-3	Naphthalene	25	U	25	44.7	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	44.7	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	44.7	180	ug/Kg
105-60-2	Caprolactam	67	U	67	86.7	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	44.7	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	44.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	44.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.7	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	44.7	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	44.7	180	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:	A4C90	SDG No.:	BG062224
Lab Sample ID:	P2775-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.2
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
BG061643.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	44.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	44.7	180	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	44.7	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	44.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	44.7	180	ug/Kg
208-96-8	Acenaphthylene	30	U	30	44.7	180	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	86.7	350	ug/Kg
83-32-9	Acenaphthene	27	U	27	44.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	86.7	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.7	350	ug/Kg
132-64-9	Dibenzofuran	28	U	28	44.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	44.7	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	44.7	180	ug/Kg
86-73-7	Fluorene	28	U	28	44.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.7	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	86.7	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	86.7	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	44.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	44.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27	U	27	44.7	180	ug/Kg
118-74-1	Hexachlorobenzene	29	U	29	44.7	180	ug/Kg
1912-24-9	Atrazine	29	U	29	86.7	350	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	86.7	350	ug/Kg
85-01-8	Phenanthrene	210		28	44.7	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	44.7	180	ug/Kg
120-12-7	Anthracene	42	J	26	44.7	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	44.7	180	ug/Kg
86-74-8	Carbazole	36	U	36	86.7	350	ug/Kg
84-74-2	Di-n-butylphthalate	28	U	28	44.7	180	ug/Kg
206-44-0	Fluoranthene	270		20	86.7	180	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:	A4C90	SDG No.:	BG062224
Lab Sample ID:	P2775-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.2
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
BG061643.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	250		19	44.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	44.7	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	86.7	350	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	24	44.7	180	ug/Kg
218-01-9	Chrysene	140	J	25	44.7	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	26	U	26	44.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	86.7	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	39	44.7	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	J	40	44.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	33	44.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	J	29	44.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27	U	27	44.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	34	44.7	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	44.7	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.615		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	10.051		20-120		25	SPK: -40
4165-62-2	Phenol-d5	20.188		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.125		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.025		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.622		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	19.806		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.079		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.276		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.326		1-145		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.35		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	20.348		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.863		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	20.987		20-140		52	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:	A4C90	SDG No.:	BG062224
Lab Sample ID:	P2775-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.2
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
BG061643.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.352		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	20.865		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	22.505		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.521		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47321	8.076				
1146-65-2	Naphthalene-d8	248980	10.885				
15067-26-2	Acenaphthene-d10	183343	14.704				
1517-22-2	Phenanthrene-d10	430342	17.448				
1719-03-5	Chrysene-d12	372491	21.707				
1520-96-3	Perylene-d12	444553	24.933				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.734	
	unknown-01	120	J			5.15	
000065-85-0	Benzoic acid	230	J			10.098	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.625	
000532-28-5	Benzenecetonitrile, .alpha.-hydro	180	J			12.547	
000057-10-3	n-Hexadecanoic acid	330	J			18.335	
000057-11-4	Octadecanoic acid	94	J			19.604	
002490-48-4	1-Hexadecanol, 2-methyl-	440	J			21.367	
1000351-75-1	Tricosyl trifluoroacetate	520	J			22.559	
	(DEL) Alkane: Straight-Chain	24.087	J			24.087	
	(DEL) Alkane: Straight-Chain	26.226	J			26.226	
E966796	Total Alkanes	1000				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:	A4C93	SDG No.:	BG062224
Lab Sample ID:	P2775-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061644.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.8	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.8	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.8	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.8	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.8	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.8	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.8	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	92.8	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.8	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	47.8	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.8	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.8	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.8	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.8	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.8	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.8	190	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:	A4C93	SDG No.:	BG062224
Lab Sample ID:	P2775-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061644.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.8	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.8	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.8	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.8	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.8	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.8	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.8	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.8	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.8	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.8	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.8	370	ug/Kg
85-01-8	Phenanthrene	460		30	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.8	190	ug/Kg
120-12-7	Anthracene	84	J	28	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.8	190	ug/Kg
86-74-8	Carbazole	46	J	38	92.8	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.8	190	ug/Kg
206-44-0	Fluoranthene	800		21	92.8	190	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:	A4C93	SDG No.:	BG062224
Lab Sample ID:	P2775-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061644.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	590		20	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	380		26	47.8	190	ug/Kg
218-01-9	Chrysene	390		27	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	J	28	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.8	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	500		42	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	43	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	210		35	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	31	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	71	J	29	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.341		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	32.519		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.618		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.822		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	31.775		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	35.074		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.237		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.641		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.983		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.379		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	32.325		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.649		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	31.35		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:	A4C93	SDG No.:	BG062224
Lab Sample ID:	P2775-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061644.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.574		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	31.076		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	29.145		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.585		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52155	8.076				
1146-65-2	Naphthalene-d8	266838	10.89				
15067-26-2	Acenaphthene-d10	189810	14.703				
1517-22-2	Phenanthrene-d10	424589	17.441				
1719-03-5	Chrysene-d12	357409	21.707				
1520-96-3	Perylene-d12	436087	24.938				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	300	J			3.734	
	unknown-01	79	J			4.004	
	unknown-02	140	J			5.15	
000623-50-7	Acetic acid, hydroxy-, ethyl ester	120	J			7.659	
000770-35-4	1-Phenoxypropan-2-ol	250	J			11.619	
000057-10-3	n-Hexadecanoic acid	100	J			17.324	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	790	J			18.046	
000544-64-9	Myristoleic acid	82	J			18.211	
001002-84-2	Pentadecanoic acid	910	J			18.334	
041464-41-9	1,1-Biphenyl, 2,2,5,6-Tetrachlo	430	J			18.511	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	180	J			18.569	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	320	J			18.61	
038444-93-8	1,1-Biphenyl, 2,2,3,3-tetrachlo	270	J			18.793	
000084-65-1	9,10-Anthracenedione	110	J			18.84	
033025-41-1	1,1-Biphenyl, 2,3,4,4-tetrachlor	130	J			18.963	
074472-33-6	2,3,3,6-Tetrachloro-1,1-biphenyl	290	J			19.269	
032598-13-3	1,1-Biphenyl, 3,3,4,4-tetrachlo	330	J			19.321	

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:	A4C93	SDG No.:	BG062224
Lab Sample ID:	P2775-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061644.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
032690-93-0	Biphenyl, 2,4,4,5-tetrachloro-	530	J			19.357	
052663-58-8	1,1-Biphenyl, 2,3,4,6-tetrachlor	170	J			19.568	
000057-11-4	Octadecanoic acid	200	J			19.603	
052663-61-3	1,1-Biphenyl, 2,2,3,5,5-pentach	90	J			19.692	
070424-69-0	2,3,3,4,5-Pentachloro-1,1-biphen	97	J			20.015	
032598-14-4	1,1-Biphenyl, 2,3,3,4,4-pentach	150	J			20.073	
	unknown-03	200	J			20.332	
065510-45-4	2,2,3,4,4-Pentachloro-1,1-biphe	190	J			20.373	
038380-03-9	1,1-Biphenyl, 2,3,3,4,6-pentach	180	J			20.685	
	(DEL) Alkane: Straight-Chain21.360	1100	J			21.36	
	(DEL) Alkane: Straight-Chain22.559	1800	J			22.559	
	(DEL) Alkane: Straight-Chain24.086	3600	J			24.086	
	(DEL) Alkane: Straight-Chain26.219	2100	J			26.219	
959085-66-6	Heptadecyl heptafluorobutyrate	1300	J			26.325	
E966796	Total Alkanes	8600				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:	A4C95	SDG No.:	BG062224
Lab Sample ID:	P2775-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
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
BG061645.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.6	87	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	210	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	55.3	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	86	U	86	110	430	ug/Kg
106-44-5	4-Methylphenol	69	U	69	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.3	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	55.3	220	ug/Kg
98-95-3	Nitrobenzene	83	U	83	55.3	220	ug/Kg
78-59-1	Isophorone	86	U	86	55.3	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	55.3	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.3	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	55.3	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	55.3	220	ug/Kg
91-20-3	Naphthalene	31	U	31	55.3	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.3	430	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	55.3	220	ug/Kg
105-60-2	Caprolactam	83	U	83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	55.3	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	55.3	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	55.3	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55.3	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.3	220	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:	A4C95	SDG No.:	BG062224
Lab Sample ID:	P2775-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
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
BG061645.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.3	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.3	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	55.3	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.3	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.3	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	55.3	220	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	110	430	ug/Kg
83-32-9	Acenaphthene	100	J	34	55.3	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	55.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	55.3	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.3	220	ug/Kg
86-73-7	Fluorene	85	J	35	55.3	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.3	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	55.3	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	55.3	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.3	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	55.3	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	1100		35	55.3	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55.3	220	ug/Kg
120-12-7	Anthracene	180	J	33	55.3	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.3	220	ug/Kg
86-74-8	Carbazole	120	J	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.3	220	ug/Kg
206-44-0	Fluoranthene	1900		25	110	220	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:	A4C95	SDG No.:	BG062224
Lab Sample ID:	P2775-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
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
BG061645.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		23	55.3	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	55.3	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	770		30	55.3	220	ug/Kg
218-01-9	Chrysene	870		31	55.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220		33	55.3	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		48	55.3	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	410		49	55.3	220	ug/Kg
50-32-8	Benzo(a)pyrene	410		40	55.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	320		36	55.3	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	34	55.3	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	J	42	55.3	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.3	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.278		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	2.219	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	30.364		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.312		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.076		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	29.553		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	35.569		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.281		10-120		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.708		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.688		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.048		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	33.86		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.369		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	33.245		20-140		83	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:	A4C95	SDG No.:	BG062224
Lab Sample ID:	P2775-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
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
BG061645.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.872		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	33.969		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	31.256		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.859		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52448	8.078				
1146-65-2	Naphthalene-d8	252488	10.886				
15067-26-2	Acenaphthene-d10	183780	14.705				
1517-22-2	Phenanthrene-d10	400452	17.443				
1719-03-5	Chrysene-d12	339384	21.709				
1520-96-3	Perylene-d12	409957	24.935				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	180	J			5.152	
001119-40-0	Pentanedioic acid, dimethyl ester	94	J			9.799	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.627	
000057-10-3	n-Hexadecanoic acid	670	J			18.331	
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J			18.513	
004117-11-7	Panaxynone	110	J			18.754	
000084-65-1	9,10-Anthracenedione	160	J			18.848	
081203-57-8	(S,Z)-Heptadeca-1,9-dien-4,6-diyn-	120	J			18.924	
000057-11-4	Octadecanoic acid	200	J			19.6	
	(DEL) Alkane: Straight-Chain	260	J			21.362	
E966796	Total Alkanes	260				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:	A4C96	SDG No.:	BG062224
Lab Sample ID:	P2775-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061646.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.6	370	ug/Kg
110-86-1	Pyridine	86	U	86	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.6	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.7	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.6	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.6	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.7	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.7	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.7	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.7	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.7	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.7	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.7	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.7	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.7	190	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:	A4C96	SDG No.:	BG062224
Lab Sample ID:	P2775-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061646.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.7	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.7	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.7	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.7	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.6	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.6	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.6	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.7	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.7	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.7	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.7	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.7	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.6	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.6	370	ug/Kg
85-01-8	Phenanthrene	120	J	30	47.7	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.7	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.7	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.7	190	ug/Kg
206-44-0	Fluoranthene	220		21	92.6	190	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:	A4C96	SDG No.:	BG062224
Lab Sample ID:	P2775-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061646.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	20	47.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	85	J	26	47.7	190	ug/Kg
218-01-9	Chrysene	96	J	27	47.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	42	47.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	J	43	47.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	84	J	35	47.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	J	31	47.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	J	36	47.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.287		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	32.499		20-120		81	SPK: -40
4165-62-2	Phenol-d5	34.976		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.18		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.504		15-120		89	SPK: -40
190780-66-6	4-Methylphenol-d8	36.135		10-140		90	SPK: -40
4165-60-0	Nitrobenzene-d5	38.59		10-135		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.392		10-120		108	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.707		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.606		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.611		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	35.759		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.196		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	34.572		20-140		86	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:	A4C96	SDG No.:	BG062224
Lab Sample ID:	P2775-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061646.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.086		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	35.675		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	36.326		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.593		10-140		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46493	8.079				
1146-65-2	Naphthalene-d8	237033	10.888				
15067-26-2	Acenaphthene-d10	170435	14.701				
1517-22-2	Phenanthrene-d10	382844	17.445				
1719-03-5	Chrysene-d12	333260	21.704				
1520-96-3	Perylene-d12	400007	24.936				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			3.737	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.622	
000057-10-3	n-Hexadecanoic acid	310	J			18.332	
	(DEL) Alkane: Straight-Chain	320	J			21.363	
E966796	Total Alkanes	320				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:	A4CA1	SDG No.:	BG062224
Lab Sample ID:	P2775-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061647.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.7	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.7	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.8	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.7	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.7	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	92.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.8	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	47.8	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.8	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.8	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.8	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.8	190	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:	A4CA1	SDG No.:	BG062224
Lab Sample ID:	P2775-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BG061647.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.8	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.7	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.7	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.7	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.8	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.8	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.8	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.7	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.7	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.8	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.8	190	ug/Kg
206-44-0	Fluoranthene	47	J	21	92.7	190	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:	A4CA1	SDG No.:	BG062224
Lab Sample ID:	P2775-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061647.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	J	20	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.8	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.8	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	15.649		20-120		39	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.466		15-120		43	SPK: -8
4165-62-2	Phenol-d5	24.247		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.713		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.976		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	23.551		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.858		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.334		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.303		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.37		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.503		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.651		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.23		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	24.417		20-140		61	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:	A4CA1	SDG No.:	BG062224
Lab Sample ID:	P2775-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061647.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.587		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	24.102		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	26.263		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.695		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56109	8.077				
1146-65-2	Naphthalene-d8	275310	10.885				
15067-26-2	Acenaphthene-d10	196252	14.704				
1517-22-2	Phenanthrene-d10	423088	17.442				
1719-03-5	Chrysene-d12	371662	21.708				
1520-96-3	Perylene-d12	445501	24.934				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	91	J			11.626	
000057-10-3	n-Hexadecanoic acid	360	J			18.329	
001002-84-2	Pentadecanoic acid	100	J			19.599	
	(DEL) Alkane: Straight-Chain21.361	600	J			21.361	
	(DEL) Alkane: Straight-Chain22.560	750	J			22.56	
	(DEL) Alkane: Straight-Chain24.082	630	J			24.082	
000638-66-4	Octadecanal	590	J			25.574	
059907-02-7	erythro-9,10-Dibromopentacosane	800	J			26.32	
E966796	Total Alkanes	2000				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:	A4D59	SDG No.:	BG062224
Lab Sample ID:	P2775-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BG061648.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

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	68	U	68	97.3	390	ug/Kg
110-86-1	Pyridine	91	U	91	190	390	ug/Kg
108-95-2	Phenol	35	U	35	97.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.1	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.3	390	ug/Kg
98-86-2	Acetophenone	84	J	78	97.3	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	97.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	50.1	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.1	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	50.1	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.1	200	ug/Kg
91-20-3	Naphthalene	28	U	28	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.1	200	ug/Kg
105-60-2	Caprolactam	75	U	75	97.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.1	200	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:	A4D59	SDG No.:	BG062224
Lab Sample ID:	P2775-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BG061648.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.1	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.3	390	ug/Kg
83-32-9	Acenaphthene	44	J	31	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.3	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.3	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.1	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.1	200	ug/Kg
86-73-7	Fluorene	55	J	32	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.1	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.3	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.3	390	ug/Kg
85-01-8	Phenanthrene	510		32	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.1	200	ug/Kg
120-12-7	Anthracene	120	J	29	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.1	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.1	200	ug/Kg
206-44-0	Fluoranthene	990		22	97.3	200	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:	A4D59	SDG No.:	BG062224
Lab Sample ID:	P2775-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BG061648.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	720		21	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	97.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	500		27	50.1	200	ug/Kg
218-01-9	Chrysene	470		28	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	640		44	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	45	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	300		37	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	33	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	79	J	31	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.949		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	3.719	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	28.257		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.099		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.022		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.406		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	33.037		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.953		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.261		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.416		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.004		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	31.013		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.809		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	31.28		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:	A4D59	SDG No.:	BG062224
Lab Sample ID:	P2775-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061648.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.391		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	29.631		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	28.053		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.207		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54263	8.076				
1146-65-2	Naphthalene-d8	264807	10.89				
15067-26-2	Acenaphthene-d10	189293	14.703				
1517-22-2	Phenanthrene-d10	439036	17.447				
1719-03-5	Chrysene-d12	376941	21.707				
1520-96-3	Perylene-d12	450310	24.938				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	100	J			4.004	
	unknown-02	150	J			5.156	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.625	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	310	J			18.046	
000057-10-3	n-Hexadecanoic acid	520	J			18.334	
041464-41-9	1,1-Biphenyl, 2,2,5,6-Tetrachlo	300	J			18.511	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	130	J			18.569	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	98	J			18.61	
041464-49-7	1,1-Biphenyl, 2,3,3,5-tetrachlo	140	J			18.793	
041464-42-0	1,1-Biphenyl, 2,3,5,5-tetrachlo	91	J			18.963	
073575-52-7	2,3,4,5-Tetrachloro-1,1-bipheny	94	J			19.269	
041464-40-8	1,1-Biphenyl, 2,2,4,5-tetrachlo	150	J			19.321	
032598-12-2	1,1-Biphenyl, 2,4,4,6-tetrachlor	210	J			19.357	
000057-11-4	Octadecanoic acid	90	J			19.598	
	(DEL) Alkane: Straight-Chain	21.366	J			21.366	
E966796	Total Alkanes	150				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:	A4D46	SDG No.:	BG062224
Lab Sample ID:	P2775-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
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
BG061649.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	94.9	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	94.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.9	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.9	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.9	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.9	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	48.9	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.9	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	48.9	200	ug/Kg
78-59-1	Isophorone	76	U	76	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.9	200	ug/Kg
91-20-3	Naphthalene	28	U	28	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.9	200	ug/Kg
105-60-2	Caprolactam	74	U	74	94.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.9	200	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:	A4D46	SDG No.:	BG062224
Lab Sample ID:	P2775-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
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
BG061649.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.9	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.9	380	ug/Kg
83-32-9	Acenaphthene	97	J	30	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.9	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	94.9	380	ug/Kg
132-64-9	Dibenzofuran	50	J	31	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.9	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.9	200	ug/Kg
86-73-7	Fluorene	80	J	31	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	94.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.9	200	ug/Kg
1912-24-9	Atrazine	32	U	32	94.9	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.9	380	ug/Kg
85-01-8	Phenanthrene	910		31	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	48.9	200	ug/Kg
120-12-7	Anthracene	190	J	29	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	48.9	200	ug/Kg
86-74-8	Carbazole	81	J	39	94.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.9	200	ug/Kg
206-44-0	Fluoranthene	1200		22	94.9	200	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:	A4D46	SDG No.:	BG062224
Lab Sample ID:	P2775-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
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
BG061649.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	820		21	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	500		26	48.9	200	ug/Kg
218-01-9	Chrysene	460		28	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	530		43	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		44	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	240		36	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	32	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69	J	30	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.085		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	1.649	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	23.961		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.305		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.484		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.389		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	26.587		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.757		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.131		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.033		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.698		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	25.217		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.57		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	24.303		20-140		61	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:	A4D46	SDG No.:	BG062224
Lab Sample ID:	P2775-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
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
BG061649.D	1	6/11/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.761		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	24.335		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	22.948		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.589		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61880	8.076				
1146-65-2	Naphthalene-d8	309194	10.89				
15067-26-2	Acenaphthene-d10	215253	14.703				
1517-22-2	Phenanthrene-d10	472855	17.447				
1719-03-5	Chrysene-d12	408059	21.707				
1520-96-3	Perylene-d12	498421	24.938				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			5.15	
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.624	
038444-77-8	2,4,6-Trichloro-1,1-biphenyl	94	J			18.04	
000057-10-3	n-Hexadecanoic acid	250	J			18.328	
000779-02-2	Anthracene, 9-methyl-	140	J			18.364	
000203-64-5	4H-Cyclopenta[def]phenanthrene	220	J			18.51	
	unknown-02	81	J			19.362	
	(DEL) Alkane: Straight-Chain	21.366	J			21.366	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BG062224
Lab Sample ID:	PB161462BL	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
BG061651.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BG062224
Lab Sample ID:	PB161462BL	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
BG061651.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BG062224
Lab Sample ID:	PB161462BL	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
BG061651.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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	6.126		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	29.518		20-120		74	SPK: -40
4165-62-2	Phenol-d5	30.745		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.394		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.007		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	30.691		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	35.098		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.687		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.401		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.25		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.128		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	32.914		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.65		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	31.46		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SBLK462	SDG No.:	BG062224
Lab Sample ID:	PB161462BL	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
BG061651.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.625		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	31.774		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	32.922		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.1		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62510	8.079				
1146-65-2	Naphthalene-d8	314857	10.888				
15067-26-2	Acenaphthene-d10	220779	14.701				
1517-22-2	Phenanthrene-d10	505123	17.445				
1719-03-5	Chrysene-d12	436590	21.705				
1520-96-3	Perylene-d12	535757	24.93				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C72	SDG No.:	BG062224
Lab Sample ID:	P2776-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BG061652.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C72	SDG No.:	BG062224
Lab Sample ID:	P2776-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BG061652.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	45.9	180	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	45.9	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.9	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.9	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	89.2	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	89.2	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.2	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	45.9	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	45.9	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	45.9	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	89.2	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	89.2	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	45.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.9	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.9	180	ug/Kg
1912-24-9	Atrazine	30	U	30	89.2	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	89.2	360	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.9	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.9	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.9	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.9	180	ug/Kg
86-74-8	Carbazole	37	U	37	89.2	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.9	180	ug/Kg
206-44-0	Fluoranthene	50	J	21	89.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C72	SDG No.:	BG062224
Lab Sample ID:	P2776-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BG061652.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	40	J	19	45.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	89.2	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	45.9	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	89.2	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	45.9	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	45.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.9	180	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	2.447	*	20-120		6	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.358		15-120		42	SPK: -8
4165-62-2	Phenol-d5	21.639		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.448		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.184		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	22.483		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	23.689		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.603		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.912		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.445		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.279		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.82		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.22		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	23.563		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C72	SDG No.:	BG062224
Lab Sample ID:	P2776-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.5
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
BG061652.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.329		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	23.756		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	22.962		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.998		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71219	8.078				
1146-65-2	Naphthalene-d8	353765	10.887				
15067-26-2	Acenaphthene-d10	246031	14.7				
1517-22-2	Phenanthrene-d10	537315	17.444				
1719-03-5	Chrysene-d12	465416	21.703				
1520-96-3	Perylene-d12	554851	24.935				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	100	J			5.152	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.621	
000057-10-3	n-Hexadecanoic acid	440	J			18.331	
000057-11-4	Octadecanoic acid	200	J			19.6	
	(DEL) Alkane: Straight-Chain	21.363	J			21.363	
	(DEL) Alkane: Straight-Chain	22.561	J			22.561	
E966796	Total Alkanes	740				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C76	SDG No.:	BG062224
Lab Sample ID:	P2776-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BG061653.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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	35	U	35	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	81	U	81	100	400	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	52	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	52	210	ug/Kg
78-59-1	Isophorone	81	U	81	52	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	52	210	ug/Kg
91-20-3	Naphthalene	29	U	29	52	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C76	SDG No.:	BG062224
Lab Sample ID:	P2776-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BG061653.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	52	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	52	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	52	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	32	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	52	210	ug/Kg
86-73-7	Fluorene	33	U	33	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	510		33	52	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52	210	ug/Kg
120-12-7	Anthracene	83	J	31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52	210	ug/Kg
86-74-8	Carbazole	65	J	42	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52	210	ug/Kg
206-44-0	Fluoranthene	1100		23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C76	SDG No.:	BG062224
Lab Sample ID:	P2776-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BG061653.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	740		22	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	450		28	52	210	ug/Kg
218-01-9	Chrysene	550		29	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300		31	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	710		45	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		46	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	270		38	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210		34	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98	J	32	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.016		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	1.499	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	27.209		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.44		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.343		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.402		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	31.145		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.85		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.911		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.617		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.609		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	30.171		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.545		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	28.928		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C76	SDG No.:	BG062224
Lab Sample ID:	P2776-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061653.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.382		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	30.092		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	26.917		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.938		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74066	8.077				
1146-65-2	Naphthalene-d8	350490	10.891				
15067-26-2	Acenaphthene-d10	237974	14.704				
1517-22-2	Phenanthrene-d10	504073	17.442				
1719-03-5	Chrysene-d12	434870	21.708				
1520-96-3	Perylene-d12	523647	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	140	J			3.735	
000075-76-3	Silane, tetramethyl-	120	J			5.151	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.625	
000334-48-5	n-Decanoic acid	92	J			12.965	
000057-10-3	n-Hexadecanoic acid	94	J			17.331	
001725-04-8	Oxacyclotetradecan-2-one	85	J			18.212	
001002-84-2	Pentadecanoic acid	860	J			18.335	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.511	
	(DEL) Alkane: Straight-Chain	18.629	140	J		18.629	
000612-94-2	Naphthalene, 2-phenyl-	83	J			18.817	
000084-65-1	9,10-Anthracenedione	100	J			18.852	
	(DEL) Alkane: Straight-Chain	19.264	88	J		19.264	
000057-11-4	Octadecanoic acid	250	J			19.604	
019484-26-5	1-Tridecanethiol	140	J			20.333	
	(DEL) Alkane: Straight-Chain	20.368	97	J		20.368	
000479-79-8	11H-Benzo[a]fluoren-11-one	82	J			21.097	
	(DEL) Alkane: Straight-Chain	21.367	1600	J		21.367	

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C76	SDG No.:	BG062224
Lab Sample ID:	P2776-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BG061653.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003386-33-2	Octadecane, 1-chloro-	200	J			21.931	
026627-85-0	Hexacosanal	180	J			22.172	
1000351-75-1	Tricosyl trifluoroacetate	2700	J			22.56	
	unknown-01	250	J			22.759	
058196-28-4	Pentacosanal	93	J			22.836	
000557-59-5	Tetracosanoic acid	120	J			23.035	
000638-66-4	Octadecanal	1300	J			23.605	
	(DEL) Alkane: Straight-Chain	24.087	J			24.087	
	(DEL) Alkane: Cyclic	24.134	J			24.134	
1010144-57-9	16-Heptadecenal	470	J			24.51	
	(DEL) Alkane: Straight-Chain	25.127	J			25.127	
007390-81-0	Oxirane, hexadecyl-	3900	J			25.586	
	(DEL) Alkane: Straight-Chain	26.220	J			26.22	
002004-39-9	1-Heptacosanol	4900	J			26.337	
000629-66-3	2-Nonadecanone	800	J			26.531	
072934-02-2	Tricosanal	1400	J			28.418	
959085-66-6	Heptadecyl heptafluorobutyrate	2100	J			29.504	
E966796	Total Alkanes	9100				99	ug/Kg



Client:				Date Collected:	6/11/2024 12:00:00 AM	
Project:				Date Received:	6/11/2024 12:00:00 AM	
Client Sample ID:	A4C73			SDG No.:	BG062224	
Lab Sample ID:	P2776-20			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	26.8	
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
BG061654.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	U	37	9	91	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	57.9	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	90	U	90	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	57.9	230	ug/Kg
67-72-1	Hexachloroethane	83	U	83	57.9	230	ug/Kg
98-95-3	Nitrobenzene	87	U	87	57.9	230	ug/Kg
78-59-1	Isophorone	90	U	90	57.9	230	ug/Kg
88-75-5	2-Nitrophenol	82	U	82	57.9	230	ug/Kg
105-67-9	2,4-Dimethylphenol	44	U	44	57.9	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	57.9	230	ug/Kg
120-83-2	2,4-Dichlorophenol	52	U	52	57.9	230	ug/Kg
91-20-3	Naphthalene	33	U	33	57.9	230	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	57.9	450	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	57.9	230	ug/Kg
105-60-2	Caprolactam	87	U	87	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	57.9	230	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	57.9	230	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	57.9	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33	U	33	57.9	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	57.9	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C73	SDG No.:	BG062224
Lab Sample ID:	P2776-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.8
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
BG061654.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	57.9	230	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	57.9	230	ug/Kg
88-74-4	2-Nitroaniline	61	U	61	57.9	230	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	57.9	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	57.9	230	ug/Kg
208-96-8	Acenaphthylene	39	U	39	57.9	230	ug/Kg
99-09-2	3-Nitroaniline	90	U	90	110	450	ug/Kg
83-32-9	Acenaphthene	67	J	35	57.9	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	57.9	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	57.9	230	ug/Kg
84-66-2	Diethylphthalate	45	U	45	57.9	230	ug/Kg
86-73-7	Fluorene	66	J	37	57.9	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.9	230	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	52	U	52	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	57.9	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	57.9	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	57.9	230	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	57.9	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	970		37	57.9	230	ug/Kg
608-93-5	Pentachlorobenzene	50	U	50	57.9	230	ug/Kg
120-12-7	Anthracene	170	J	34	57.9	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	57.9	230	ug/Kg
86-74-8	Carbazole	110	J	46	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	37	U	37	57.9	230	ug/Kg
206-44-0	Fluoranthene	1800		26	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C73	SDG No.:	BG062224
Lab Sample ID:	P2776-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.8
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
BG061654.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		25	57.9	230	ug/Kg
85-68-7	Butylbenzylphthalate	30	U	30	57.9	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71	U	71	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	770		31	57.9	230	ug/Kg
218-01-9	Chrysene	850		33	57.9	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	330		34	57.9	230	ug/Kg
117-84-0	Di-n-octyl phthalate	65	U	65	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		50	57.9	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	340		52	57.9	230	ug/Kg
50-32-8	Benzo(a)pyrene	410		42	57.9	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300		38	57.9	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	35	57.9	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	57.9	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	57.9	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.405		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	1.225	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	22.913		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.28		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.014		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.224		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	26.855		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.672		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.174		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.354		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.114		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	24.973		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.656		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	24.104		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C73	SDG No.:	BG062224
Lab Sample ID:	P2776-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.8
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
BG061654.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.622		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	25.124		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	22.682		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.398		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75016	8.078				
1146-65-2	Naphthalene-d8	359846	10.887				
15067-26-2	Acenaphthene-d10	248530	14.706				
1517-22-2	Phenanthrene-d10	526703	17.444				
1719-03-5	Chrysene-d12	456946	21.709				
1520-96-3	Perylene-d12	566676	24.941				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	95	J			4.007	
	unknown-02	130	J			5.152	
000488-97-1	Tricyclo[2.2.1.0(2,6)]heptane, 1,3	140	J			6.756	
000099-84-3	Cyclohexene, 4-methylene-1-(1-meth	290	J			7.514	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.627	
000057-10-3	n-Hexadecanoic acid	550	J			18.331	
000203-64-5	4H-Cyclopenta[def]phenanthrene	200	J			18.513	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachlo	110	J			18.613	
000084-65-1	9,10-Anthracenedione	160	J			18.854	
	unknown-03	150	J			19.359	
	(DEL) Alkane: Cyclic21.363	420	J			21.363	
	(DEL) Alkane: Straight-Chain22.561	330	J			22.561	
E966796	Total Alkanes	750				99	ug/Kg



Client:			Date Collected:	6/7/2024 12:00:00 AM	
Project:			Date Received:	6/7/2024 12:00:00 AM	
Client Sample ID:	A4CA6		SDG No.:	BG062224	
Lab Sample ID:	P2776-11		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	7.7	
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
BG061655.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA6	SDG No.:	BG062224
Lab Sample ID:	P2776-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.7
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
BG061655.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	45.9	180	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	45.9	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.9	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.9	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	89.1	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	89.1	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.1	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	45.9	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	45.9	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	45.9	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	89.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	89.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	45.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.9	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.9	180	ug/Kg
1912-24-9	Atrazine	30	U	30	89.1	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	89.1	360	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.9	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.9	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.9	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.9	180	ug/Kg
86-74-8	Carbazole	37	U	37	89.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.9	180	ug/Kg
206-44-0	Fluoranthene	67	J	21	89.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA6	SDG No.:	BG062224
Lab Sample ID:	P2776-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.7
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
BG061655.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	J	19	45.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	89.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	45.9	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	89.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	J	40	45.9	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	45.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.9	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.073		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	16.024		20-120		40	SPK: -40
4165-62-2	Phenol-d5	23.077		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.799		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.602		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.891		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	26.223		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.482		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.059		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.111		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.106		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	24.225		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.609		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	23.696		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA6	SDG No.:	BG062224
Lab Sample ID:	P2776-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.7
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
BG061655.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.252		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	23.65		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	25.199		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.947		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67815	8.076				
1146-65-2	Naphthalene-d8	330529	10.89				
15067-26-2	Acenaphthene-d10	234905	14.703				
1517-22-2	Phenanthrene-d10	512140	17.447				
1719-03-5	Chrysene-d12	429365	21.707				
1520-96-3	Perylene-d12	515494	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	96	J			3.74	
000770-35-4	1-Phenoxypropan-2-ol	85	J			11.619	
000057-10-3	n-Hexadecanoic acid	290	J			18.334	
000057-11-4	Octadecanoic acid	110	J			19.604	
088104-31-8	2- Chloropropionic acid, octadecyl	470	J			21.36	
	(DEL) Alkane: Straight-Chain22.559	720	J			22.559	
	(DEL) Alkane: Straight-Chain24.081	720	J			24.081	
E966796	Total Alkanes	1400				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B93	SDG No.:	BG062224
Lab Sample ID:	P2776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.1
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
BG061656.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	69	U	69	16.9	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	210	850	ug/Kg
110-86-1	Pyridine	200	U	200	420	850	ug/Kg
108-95-2	Phenol	77	U	77	210	850	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	74	U	74	210	850	ug/Kg
95-57-8	2-Chlorophenol	72	U	72	110	440	ug/Kg
95-48-7	2-Methylphenol	79	U	79	210	850	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	210	850	ug/Kg
98-86-2	Acetophenone	170	U	170	210	850	ug/Kg
106-44-5	4-Methylphenol	140	U	140	210	850	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	200	U	200	110	440	ug/Kg
67-72-1	Hexachloroethane	160	U	160	110	440	ug/Kg
98-95-3	Nitrobenzene	160	U	160	110	440	ug/Kg
78-59-1	Isophorone	170	U	170	110	440	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	110	440	ug/Kg
105-67-9	2,4-Dimethylphenol	82	U	82	110	440	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	120	U	120	110	440	ug/Kg
120-83-2	2,4-Dichlorophenol	97	U	97	110	440	ug/Kg
91-20-3	Naphthalene	61	U	61	110	440	ug/Kg
106-47-8	4-Chloroaniline	92	U	92	110	850	ug/Kg
87-68-3	Hexachlorobutadiene	90	U	90	110	440	ug/Kg
105-60-2	Caprolactam	160	U	160	210	850	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	110	440	ug/Kg
90-12-0	1-Methylnaphthalene	61	U	61	110	440	ug/Kg
91-57-6	2-Methylnaphthalene	82	U	82	110	440	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	210	850	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	110	440	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85	U	85	110	440	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B93	SDG No.:	BG062224
Lab Sample ID:	P2776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.1
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
BG061656.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	67	U	67	110	440	ug/Kg
91-58-7	2-Chloronaphthalene	85	U	85	110	440	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	110	440	ug/Kg
131-11-3	Dimethylphthalate	77	U	77	110	440	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	110	440	ug/Kg
208-96-8	Acenaphthylene	74	U	74	110	440	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	210	850	ug/Kg
83-32-9	Acenaphthene	67	U	67	110	440	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	210	850	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	850	ug/Kg
132-64-9	Dibenzofuran	69	U	69	110	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	90	U	90	110	440	ug/Kg
84-66-2	Diethylphthalate	85	U	85	110	440	ug/Kg
86-73-7	Fluorene	69	U	69	110	440	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	110	440	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	210	850	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	210	850	ug/Kg
86-30-6	N-Nitrosodiphenylamine	61	U	61	110	440	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	87	U	87	110	440	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67	U	67	110	440	ug/Kg
118-74-1	Hexachlorobenzene	72	U	72	110	440	ug/Kg
1912-24-9	Atrazine	72	U	72	210	850	ug/Kg
87-86-5	Pentachlorophenol	230	U	230	210	850	ug/Kg
85-01-8	Phenanthrene	98	J	69	110	440	ug/Kg
608-93-5	Pentachlorobenzene	95	U	95	110	440	ug/Kg
120-12-7	Anthracene	64	U	64	110	440	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	44	U	44	110	440	ug/Kg
86-74-8	Carbazole	87	U	87	210	850	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	110	440	ug/Kg
206-44-0	Fluoranthene	260	J	49	210	440	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B93	SDG No.:	BG062224
Lab Sample ID:	P2776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.1
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
BG061656.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210	J	46	110	440	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	110	440	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	210	850	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	59	110	440	ug/Kg
218-01-9	Chrysene	120	J	61	110	440	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64	U	64	110	440	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	210	850	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	95	110	440	ug/Kg
207-08-9	Benzo(k)fluoranthene	97	U	97	110	440	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	79	110	440	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72	U	72	110	440	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	U	67	110	440	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82	U	82	110	440	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92	U	92	110	440	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.194		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	19.435		20-120		49	SPK: -40
4165-62-2	Phenol-d5	22.659		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.608		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.52		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	23.253		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	27.886		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.603		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.606		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.673		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.572		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.849		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.421		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	25.054		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B93	SDG No.:	BG062224
Lab Sample ID:	P2776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	61.1
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
BG061656.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.208		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	25.616		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	27.027		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.312		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71466	8.073				
1146-65-2	Naphthalene-d8	345375	10.893				
15067-26-2	Acenaphthene-d10	233038	14.707				
1517-22-2	Phenanthrene-d10	504879	17.445				
1719-03-5	Chrysene-d12	423142	21.71				
1520-96-3	Perylene-d12	518766	24.936				
TENTATIVE IDENTIFIED COMPOUNDS							
001119-40-0	Pentanedioic acid, dimethyl ester	180	J			9.801	
000770-35-4	1-Phenoxypropan-2-ol	260	J			11.622	
000638-53-9	Tridecanoic acid	400	J			18.332	
330207-53-9	E-14-Hexadecenal	390	J			21.363	
E966796	Total Alkanes	67	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA5	SDG No.:	BG062224
Lab Sample ID:	P2776-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061657.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.2	73	ug/Kg
100-52-7	Benzaldehyde	63	U	63	89.8	360	ug/Kg
110-86-1	Pyridine	84	U	84	180	360	ug/Kg
108-95-2	Phenol	33	U	33	89.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	89.8	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	46.2	180	ug/Kg
95-48-7	2-Methylphenol	34	U	34	89.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	89.8	360	ug/Kg
98-86-2	Acetophenone	72	U	72	89.8	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	89.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	46.2	180	ug/Kg
67-72-1	Hexachloroethane	66	U	66	46.2	180	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.2	180	ug/Kg
78-59-1	Isophorone	72	U	72	46.2	180	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	46.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	46.2	180	ug/Kg
91-20-3	Naphthalene	26	U	26	46.2	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	46.2	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.2	180	ug/Kg
105-60-2	Caprolactam	70	U	70	89.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	89.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA5	SDG No.:	BG062224
Lab Sample ID:	P2776-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061657.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	46.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.2	180	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.2	180	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.2	180	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.2	180	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	89.8	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	46.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	89.8	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.8	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	46.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.2	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.2	180	ug/Kg
86-73-7	Fluorene	29	U	29	46.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.2	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	89.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	89.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	46.2	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	46.2	180	ug/Kg
1912-24-9	Atrazine	30	U	30	89.8	360	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	89.8	360	ug/Kg
85-01-8	Phenanthrene	76	J	29	46.2	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.2	180	ug/Kg
120-12-7	Anthracene	27	U	27	46.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	46.2	180	ug/Kg
86-74-8	Carbazole	37	U	37	89.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	46.2	180	ug/Kg
206-44-0	Fluoranthene	150	J	21	89.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA5	SDG No.:	BG062224
Lab Sample ID:	P2776-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061657.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	20	46.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	89.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	65	J	25	46.2	180	ug/Kg
218-01-9	Chrysene	84	J	26	46.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71	J	27	46.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	89.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	J	40	46.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	J	41	46.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	43	J	34	46.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	46.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	46.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	46.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.532		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	0.908	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	23.28		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.216		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.412		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.143		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.067		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.293		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.631		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.207		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.685		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.708		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.923		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	23.022		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA5	SDG No.:	BG062224
Lab Sample ID:	P2776-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061657.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.379		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	23.315		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	21.397		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.92		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71138	8.076				
1146-65-2	Naphthalene-d8	362901	10.89				
15067-26-2	Acenaphthene-d10	248976	14.704				
1517-22-2	Phenanthrene-d10	535508	17.447				
1719-03-5	Chrysene-d12	463115	21.707				
1520-96-3	Perylene-d12	563073	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	74	J			3.74	
	unknown-02	110	J			5.15	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.619	
000057-11-4	Octadecanoic acid	450	J			18.335	
000544-63-8	Tetradecanoic acid	190	J			19.604	
	(DEL) Alkane: Straight-Chain	21.366	J			21.366	
006222-07-7	Pentafluoropropionic acid, hexadec	1500	J			22.559	
005353-25-3	Ethanol, 2-(9-octadecenyoxy)-, (Z	330	J			23.605	
	(DEL) Alkane: Straight-Chain	24.081	J			24.081	
013187-99-0	2-Bromo dodecane	1200	J			26.22	
	(DEL) Alkane: Cyclic	26.325	J			26.325	
E966796	Total Alkanes	3900				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA7	SDG No.:	BG062224
Lab Sample ID:	P2776-12	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
BG061658.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA7	SDG No.:	BG062224
Lab Sample ID:	P2776-12	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
BG061658.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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	86	J	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	46	J	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	88	J	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	840		32	49.9	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.9	200	ug/Kg
120-12-7	Anthracene	220		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	110	J	40	96.9	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.9	200	ug/Kg
206-44-0	Fluoranthene	940		22	96.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA7	SDG No.:	BG062224
Lab Sample ID:	P2776-12	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
BG061658.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	730		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	320		27	49.9	200	ug/Kg
218-01-9	Chrysene	310		28	49.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	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	380		43	49.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	45	49.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	300		36	49.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	33	49.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	J	31	49.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200		38	49.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.896		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	18.229		20-120		46	SPK: -40
4165-62-2	Phenol-d5	21.287		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.715		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.309		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	21.328		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	25.294		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.575		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.824		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.981		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.079		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	23.834		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.312		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	22.617		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA7	SDG No.:	BG062224
Lab Sample ID:	P2776-12	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
BG061658.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.586		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	23.111		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	24.516		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.002		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74896	8.077				
1146-65-2	Naphthalene-d8	363620	10.891				
15067-26-2	Acenaphthene-d10	254538	14.704				
1517-22-2	Phenanthrene-d10	565259	17.448				
1719-03-5	Chrysene-d12	485400	21.708				
1520-96-3	Perylene-d12	591500	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	110	J			3.741	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.62	
000057-10-3	n-Hexadecanoic acid	220	J			18.329	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			18.512	
1000130-97-9	E-15-Heptadecenal	150	J			21.361	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA9	SDG No.:	BG062224
Lab Sample ID:	P2776-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.5
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
BG061659.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	38	U	38	9.3	94	ug/Kg
100-52-7	Benzaldehyde	82	U	82	120	470	ug/Kg
110-86-1	Pyridine	110	U	110	230	470	ug/Kg
108-95-2	Phenol	42	U	42	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	120	470	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	60.1	240	ug/Kg
95-48-7	2-Methylphenol	44	U	44	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	57	120	470	ug/Kg
98-86-2	Acetophenone	93	U	93	120	470	ug/Kg
106-44-5	4-Methylphenol	75	U	75	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	60.1	240	ug/Kg
67-72-1	Hexachloroethane	86	U	86	60.1	240	ug/Kg
98-95-3	Nitrobenzene	90	U	90	60.1	240	ug/Kg
78-59-1	Isophorone	93	U	93	60.1	240	ug/Kg
88-75-5	2-Nitrophenol	85	U	85	60.1	240	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	60.1	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	64	U	64	60.1	240	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	60.1	240	ug/Kg
91-20-3	Naphthalene	34	U	34	60.1	240	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	60.1	470	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	60.1	240	ug/Kg
105-60-2	Caprolactam	90	U	90	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	60.1	240	ug/Kg
90-12-0	1-Methylnaphthalene	34	U	34	60.1	240	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	60.1	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	34	U	34	60.1	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	60.1	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA9	SDG No.:	BG062224
Lab Sample ID:	P2776-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.5
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
BG061659.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	60.1	240	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	60.1	240	ug/Kg
88-74-4	2-Nitroaniline	64	U	64	60.1	240	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	60.1	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	60.1	240	ug/Kg
208-96-8	Acenaphthylene	41	U	41	60.1	240	ug/Kg
99-09-2	3-Nitroaniline	93	U	93	120	470	ug/Kg
83-32-9	Acenaphthene	37	U	37	60.1	240	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	120	470	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	470	ug/Kg
132-64-9	Dibenzofuran	38	U	38	60.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	60.1	240	ug/Kg
84-66-2	Diethylphthalate	47	U	47	60.1	240	ug/Kg
86-73-7	Fluorene	38	U	38	60.1	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	60.1	240	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	54	U	54	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	34	U	34	60.1	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	60.1	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	60.1	240	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	60.1	240	ug/Kg
1912-24-9	Atrazine	40	U	40	120	470	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	120	470	ug/Kg
85-01-8	Phenanthrene	74	J	38	60.1	240	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	60.1	240	ug/Kg
120-12-7	Anthracene	35	U	35	60.1	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	24	U	24	60.1	240	ug/Kg
86-74-8	Carbazole	48	U	48	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	38	U	38	60.1	240	ug/Kg
206-44-0	Fluoranthene	110	J	27	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA9	SDG No.:	BG062224
Lab Sample ID:	P2776-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.5
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
BG061659.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	97	J	25	60.1	240	ug/Kg
85-68-7	Butylbenzylphthalate	31	U	31	60.1	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	74	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	60.1	240	ug/Kg
218-01-9	Chrysene	51	J	34	60.1	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	35	U	35	60.1	240	ug/Kg
117-84-0	Di-n-octyl phthalate	68	U	68	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	J	52	60.1	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	60.1	240	ug/Kg
50-32-8	Benzo(a)pyrene	48	J	44	60.1	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	60.1	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	60.1	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	60.1	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	60.1	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.012		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	18.887		20-120		47	SPK: -40
4165-62-2	Phenol-d5	21.369		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.145		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.783		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	21.549		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	24.013		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.866		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.955		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.597		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.8		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	23.871		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.785		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	22.523		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA9	SDG No.:	BG062224
Lab Sample ID:	P2776-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.5
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
BG061659.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.41		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	22.448		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	23.04		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.498		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75285	8.077				
1146-65-2	Naphthalene-d8	371474	10.891				
15067-26-2	Acenaphthene-d10	252587	14.705				
1517-22-2	Phenanthrene-d10	557036	17.448				
1719-03-5	Chrysene-d12	484799	21.708				
1520-96-3	Perylene-d12	583797	24.934				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	140	J			3.735	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.626	
000143-07-7	Dodecanoic acid	200	J			18.33	
	(DEL) Alkane: Cyclic21.361	140	J			21.361	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C74	SDG No.:	BG062224
Lab Sample ID:	P2776-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BG061660.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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	88.4	350	ug/Kg
110-86-1	Pyridine	83	U	83	180	350	ug/Kg
108-95-2	Phenol	32	U	32	88.4	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	88.4	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.5	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	88.4	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	88.4	350	ug/Kg
98-86-2	Acetophenone	71	U	71	88.4	350	ug/Kg
106-44-5	4-Methylphenol	57	U	57	88.4	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	38	U	38	45.5	180	ug/Kg
105-60-2	Caprolactam	69	U	69	88.4	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	88.4	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:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C74	SDG No.:	BG062224
Lab Sample ID:	P2776-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BG061660.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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	88.4	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.5	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	88.4	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.4	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.5	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	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	88.4	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	88.4	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	88.4	350	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	88.4	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	88.4	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.5	180	ug/Kg
206-44-0	Fluoranthene	55	J	20	88.4	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C74	SDG No.:	BG062224
Lab Sample ID:	P2776-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BG061660.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	47	J	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	88.4	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	88.4	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	3.895		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	21.453		20-120		54	SPK: -40
4165-62-2	Phenol-d5	25.375		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.109		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.116		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.015		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	27.362		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.772		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.323		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.681		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.139		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.821		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.677		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	25.886		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	6/11/2024 12:00:00 AM
Project:		Date Received:	6/11/2024 12:00:00 AM
Client Sample ID:	A4C74	SDG No.:	BG062224
Lab Sample ID:	P2776-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	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
BG061660.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.197		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	25.977		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	27.183		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.301		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75605	8.076				
1146-65-2	Naphthalene-d8	385662	10.891				
15067-26-2	Acenaphthene-d10	261607	14.704				
1517-22-2	Phenanthrene-d10	568171	17.442				
1719-03-5	Chrysene-d12	499386	21.708				
1520-96-3	Perylene-d12	601100	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	120	J			3.74	
004889-83-2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-tr	650	J			6.754	
000099-84-3	Cyclohexene, 4-methylene-1-(1-meth	1700	J			7.512	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.625	
000057-10-3	n-Hexadecanoic acid	210	J			18.329	
	unknown-01	87	J			20.368	
005835-26-7	Isopimaric acid	170	J			21.196	
	(DEL) Alkane: Straight-Chain21.361	210	J			21.361	
000514-10-3	Abietic acid	140	J			21.637	
E966796	Total Alkanes	210				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:	A4BP7DL			SDG No.:	BG062224	
Lab Sample ID:	P2754-08DL			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
BG061661.D	10	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	320	U	320	77.5	780	ug/Kg
100-52-7	Benzaldehyde	680	U	680	970	3900	ug/Kg
110-86-1	Pyridine	900	U	900	1900	3900	ug/Kg
108-95-2	Phenol	350	U	350	970	3900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	340	U	340	970	3900	ug/Kg
95-57-8	2-Chlorophenol	330	U	330	500	2000	ug/Kg
95-48-7	2-Methylphenol	360	U	360	970	3900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	470	U	470	970	3900	ug/Kg
98-86-2	Acetophenone	770	U	770	970	3900	ug/Kg
106-44-5	4-Methylphenol	620	U	620	970	3900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	930	U	930	500	2000	ug/Kg
67-72-1	Hexachloroethane	720	U	720	500	2000	ug/Kg
98-95-3	Nitrobenzene	750	U	750	500	2000	ug/Kg
78-59-1	Isophorone	770	U	770	500	2000	ug/Kg
88-75-5	2-Nitrophenol	700	U	700	500	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	380	U	380	500	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	530	U	530	500	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	450	500	2000	ug/Kg
91-20-3	Naphthalene	280	U	280	500	2000	ug/Kg
106-47-8	4-Chloroaniline	420	U	420	500	3900	ug/Kg
87-68-3	Hexachlorobutadiene	410	U	410	500	2000	ug/Kg
105-60-2	Caprolactam	750	U	750	970	3900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	480	U	480	500	2000	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	500	2000	ug/Kg
91-57-6	2-Methylnaphthalene	380	U	380	500	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	970	3900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	280	U	280	500	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	390	U	390	500	2000	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:	A4BP7DL	SDG No.:	BG062224
Lab Sample ID:	P2754-08DL	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
BG061661.D	10	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	310	U	310	500	2000	ug/Kg
91-58-7	2-Chloronaphthalene	390	U	390	500	2000	ug/Kg
88-74-4	2-Nitroaniline	530	U	530	500	2000	ug/Kg
131-11-3	Dimethylphthalate	350	U	350	500	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	230	U	230	500	2000	ug/Kg
208-96-8	Acenaphthylene	340	U	340	500	2000	ug/Kg
99-09-2	3-Nitroaniline	770	U	770	970	3900	ug/Kg
83-32-9	Acenaphthene	310	U	310	500	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	970	3900	ug/Kg
100-02-7	4-Nitrophenol	520	U	520	970	3900	ug/Kg
132-64-9	Dibenzofuran	320	U	320	500	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	410	U	410	500	2000	ug/Kg
84-66-2	Diethylphthalate	390	U	390	500	2000	ug/Kg
86-73-7	Fluorene	320	U	320	500	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	230	U	230	500	2000	ug/Kg
100-01-6	4-Nitroaniline	280	U	280	970	3900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	450	U	450	970	3900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	280	U	280	500	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	400	500	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	310	U	310	500	2000	ug/Kg
118-74-1	Hexachlorobenzene	330	U	330	500	2000	ug/Kg
1912-24-9	Atrazine	330	U	330	970	3900	ug/Kg
87-86-5	Pentachlorophenol	1000	U	1000	970	3900	ug/Kg
85-01-8	Phenanthrene	320	U	320	500	2000	ug/Kg
608-93-5	Pentachlorobenzene	430	U	430	500	2000	ug/Kg
120-12-7	Anthracene	290	U	290	500	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	200	U	200	500	2000	ug/Kg
86-74-8	Carbazole	400	U	400	970	3900	ug/Kg
84-74-2	Di-n-butylphthalate	320	U	320	500	2000	ug/Kg
206-44-0	Fluoranthene	220	U	220	970	2000	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:	A4BP7DL	SDG No.:	BG062224
Lab Sample ID:	P2754-08DL	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
BG061661.D	10	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	210	U	210	500	2000	ug/Kg
85-68-7	Butylbenzylphthalate	260	U	260	500	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	610	U	610	970	3900	ug/Kg
56-55-3	Benzo(a)anthracene	270	U	270	500	2000	ug/Kg
218-01-9	Chrysene	280	U	280	500	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	40000	ED	290	500	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	560	U	560	970	3900	ug/Kg
205-99-2	Benzo(b)fluoranthene	430	U	430	500	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	450	U	450	500	2000	ug/Kg
50-32-8	Benzo(a)pyrene	360	U	360	500	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	330	500	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	310	U	310	500	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380	U	380	500	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	420	U	420	500	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.6		15-120		95	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	40.04		10-130		100	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.15		10-150		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.91		15-120		102	SPK: -40
190780-66-6	4-Methylphenol-d8	33.27		10-140		83	SPK: -40
4165-60-0	Nitrobenzene-d5	42.92		10-135		107	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.61		10-120		112	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.98		10-140		95	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.13		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.2		10-145		96	SPK: -40
93951-97-4	Acenaphthylene-d8	40.94		15-120		102	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.92		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	40.89		20-140		102	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:	A4BP7DL	SDG No.:	BG062224
Lab Sample ID:	P2754-08DL	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
BG061661.D	10	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	17.76		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	39.59		10-150		99	SPK: -40
1718-52-1	Pyrene-d10	38.04		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.39		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72648	8.077				
1146-65-2	Naphthalene-d8	373386	10.891				
15067-26-2	Acenaphthene-d10	256121	14.705				
1517-22-2	Phenanthrene-d10	562165	17.448				
1719-03-5	Chrysene-d12	491177	21.708				
1520-96-3	Perylene-d12	592820	24.934				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	310	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA8	SDG No.:	BG062224
Lab Sample ID:	P2776-13	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
BG061662.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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	140	U	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:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA8	SDG No.:	BG062224
Lab Sample ID:	P2776-13	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
BG061662.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

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	380		58	91.1	360	ug/Kg
608-93-5	Pentachlorobenzene	79	U	79	91.1	360	ug/Kg
120-12-7	Anthracene	73	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	73	U	73	180	710	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	58	91.1	360	ug/Kg
206-44-0	Fluoranthene	710		41	180	360	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA8	SDG No.:	BG062224
Lab Sample ID:	P2776-13	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
BG061662.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	480		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	310	J	49	91.1	360	ug/Kg
218-01-9	Chrysene	330	J	51	91.1	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	J	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	430		79	91.1	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	81	91.1	360	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	66	91.1	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	60	91.1	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	91.1	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	69	U	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	4.859		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	1.195	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	24.567		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.589		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.343		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.66		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.945		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.853		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.54		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.034		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.692		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	27.412		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.742		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	26.942		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA8	SDG No.:	BG062224
Lab Sample ID:	P2776-13	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
BG061662.D	1	6/12/2024 12:00:00 AM	6/22/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.783		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	26.896		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	24.353		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.256		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71348	8.075				
1146-65-2	Naphthalene-d8	350942	10.89				
15067-26-2	Acenaphthene-d10	239711	14.703				
1517-22-2	Phenanthrene-d10	523914	17.447				
1719-03-5	Chrysene-d12	455504	21.707				
1520-96-3	Perylene-d12	549229	24.938				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	190	J			3.739	
	unknown-01	230	J			5.155	
000770-35-4	1-Phenoxypropan-2-ol	310	J			11.624	
000057-10-3	n-Hexadecanoic acid	410	J			18.328	
	(DEL) Alkane: Straight-Chain	280	J			21.36	
E966796	Total Alkanes	280				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B94	SDG No.:	BG062224
Lab Sample ID:	P2776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.2
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
BG061663.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	42	U	42	10.2	100	ug/Kg
100-52-7	Benzaldehyde	89	U	89	130	510	ug/Kg
110-86-1	Pyridine	120	U	120	250	510	ug/Kg
108-95-2	Phenol	46	U	46	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	130	510	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	65.4	260	ug/Kg
95-48-7	2-Methylphenol	48	U	48	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	130	510	ug/Kg
98-86-2	Acetophenone	100	U	100	130	510	ug/Kg
106-44-5	4-Methylphenol	82	U	82	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	65.4	260	ug/Kg
67-72-1	Hexachloroethane	94	U	94	65.4	260	ug/Kg
98-95-3	Nitrobenzene	98	U	98	65.4	260	ug/Kg
78-59-1	Isophorone	100	U	100	65.4	260	ug/Kg
88-75-5	2-Nitrophenol	92	U	92	65.4	260	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	65.4	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	69	U	69	65.4	260	ug/Kg
120-83-2	2,4-Dichlorophenol	58	U	58	65.4	260	ug/Kg
91-20-3	Naphthalene	37	U	37	65.4	260	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	65.4	510	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	65.4	260	ug/Kg
105-60-2	Caprolactam	98	U	98	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	65.4	260	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	65.4	260	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	65.4	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	37	U	37	65.4	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	65.4	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B94	SDG No.:	BG062224
Lab Sample ID:	P2776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.2
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
BG061663.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	40	U	40	65.4	260	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	65.4	260	ug/Kg
88-74-4	2-Nitroaniline	69	U	69	65.4	260	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	65.4	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	65.4	260	ug/Kg
208-96-8	Acenaphthylene	45	U	45	65.4	260	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	130	510	ug/Kg
83-32-9	Acenaphthene	40	U	40	65.4	260	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	130	510	ug/Kg
100-02-7	4-Nitrophenol	68	U	68	130	510	ug/Kg
132-64-9	Dibenzofuran	42	U	42	65.4	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	65.4	260	ug/Kg
84-66-2	Diethylphthalate	51	U	51	65.4	260	ug/Kg
86-73-7	Fluorene	42	U	42	65.4	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	65.4	260	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	58	U	58	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	65.4	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	65.4	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	65.4	260	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	65.4	260	ug/Kg
1912-24-9	Atrazine	43	U	43	130	510	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	510	ug/Kg
85-01-8	Phenanthrene	460		42	65.4	260	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	65.4	260	ug/Kg
120-12-7	Anthracene	93	J	38	65.4	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	26	U	26	65.4	260	ug/Kg
86-74-8	Carbazole	52	U	52	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	65.4	260	ug/Kg
206-44-0	Fluoranthene	710		29	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B94	SDG No.:	BG062224
Lab Sample ID:	P2776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.2
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
BG061663.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	450		28	65.4	260	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	65.4	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	80	U	80	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	300		35	65.4	260	ug/Kg
218-01-9	Chrysene	300		37	65.4	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	38	65.4	260	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		57	65.4	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	58	65.4	260	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	48	65.4	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83	J	43	65.4	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	65.4	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	65.4	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	65.4	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.363		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	1.627	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	18.771		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.386		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.659		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	19.24		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.406		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.607		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.148		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.249		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.656		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	21.173		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.246		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	20.564		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4B94	SDG No.:	BG062224
Lab Sample ID:	P2776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.2
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
BG061663.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.529		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	21.322		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	18.637		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.65		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79917	8.078				
1146-65-2	Naphthalene-d8	389525	10.887				
15067-26-2	Acenaphthene-d10	268574	14.7				
1517-22-2	Phenanthrene-d10	583633	17.444				
1719-03-5	Chrysene-d12	492472	21.709				
1520-96-3	Perylene-d12	602661	24.941				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.390	510	J			3.39	
	unknown-01	130	J			5.152	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.627	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	270	J			15.951	
025569-80-6	1,1-Biphenyl 2,3-dichloro-	120	J			16.557	
033284-50-3	1,1-Biphenyl, 2,4-dichloro-	240	J			16.674	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	190	J			17.32	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	170	J			17.355	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	140	J			17.896	
038444-87-0	1,1-Biphenyl, 3,3,5-trichloro-	270	J			18.031	
000638-53-9	Tridecanoic acid	250	J			18.331	
070362-49-1	3,3,4,5-Tetrachloro-1,1-biphenyl	260	J			18.507	
E966796	Total Alkanes	510				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA3	SDG No.:	BG062224
Lab Sample ID:	P2776-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BG061664.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95.1	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95.1	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.1	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95.1	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	49	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	49	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49	200	ug/Kg
78-59-1	Isophorone	76	U	76	49	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA3	SDG No.:	BG062224
Lab Sample ID:	P2776-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BG061664.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	49	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95.1	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.1	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.1	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	49	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49	200	ug/Kg
86-73-7	Fluorene	31	U	31	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.1	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.1	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49	200	ug/Kg
120-12-7	Anthracene	29	U	29	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA3	SDG No.:	BG062224
Lab Sample ID:	P2776-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BG061664.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49	200	ug/Kg
218-01-9	Chrysene	28	U	28	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	95.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.821		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	18.079		20-120		45	SPK: -40
4165-62-2	Phenol-d5	21.327		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.001		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.286		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	21.107		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.857		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.705		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.746		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.212		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.87		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	22.437		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.606		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	21.189		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	6/7/2024 12:00:00 AM
Project:		Date Received:	6/7/2024 12:00:00 AM
Client Sample ID:	A4CA3	SDG No.:	BG062224
Lab Sample ID:	P2776-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BG061664.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.083		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	21.828		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.571		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72013	8.08				
1146-65-2	Naphthalene-d8	364504	10.888				
15067-26-2	Acenaphthene-d10	255225	14.702				
1517-22-2	Phenanthrene-d10	548466	17.445				
1719-03-5	Chrysene-d12	482539	21.705				
1520-96-3	Perylene-d12	584657	24.937				
TENTATIVE IDENTIFIED COMPOUNDS							
034862-07-2	2,2-Dichloroethyl methyl ether	110	J			3.738	
000770-35-4	1-Phenoxypropan-2-ol	97	J			11.623	
000057-10-3	n-Hexadecanoic acid	210	J			18.327	
	(DEL) Alkane: Cyclic	190	J			21.359	
E966796	Total Alkanes	190				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SLCS462	SDG No.:	BG062224
Lab Sample ID:	PB161462BS	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
BG061665.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	760		58	82.5	330	ug/Kg
110-86-1	Pyridine	810		77	170	330	ug/Kg
108-95-2	Phenol	1100		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	970		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1100		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990		40	82.5	330	ug/Kg
98-86-2	Acetophenone	990		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1100		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	970		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1100		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		64	42.5	170	ug/Kg
78-59-1	Isophorone	950		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1300		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	930		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	960		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	840		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		35	42.5	170	ug/Kg
105-60-2	Caprolactam	840		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	560		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SLCS462	SDG No.:	BG062224
Lab Sample ID:	PB161462BS	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
BG061665.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1100		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1400		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1100		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1100		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1000		33	42.5	170	ug/Kg
86-73-7	Fluorene	1100		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1300		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		28	42.5	170	ug/Kg
1912-24-9	Atrazine	900		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1100		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		37	42.5	170	ug/Kg
120-12-7	Anthracene	1100		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	1100		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SLCS462	SDG No.:	BG062224
Lab Sample ID:	PB161462BS	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
BG061665.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1200		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		23	42.5	170	ug/Kg
218-01-9	Chrysene	1100		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1000		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.428		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	24.833		20-120		62	SPK: -40
4165-62-2	Phenol-d5	27.861		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.207		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.29		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	28.009		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	30.059		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.096		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.986		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.908		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.63		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	30.755		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.92		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	29.281		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	6/12/2024 12:00:00 AM
Project:		Date Received:	6/12/2024 12:00:00 AM
Client Sample ID:	SLCS462	SDG No.:	BG062224
Lab Sample ID:	PB161462BS	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
BG061665.D	1	6/12/2024 12:00:00 AM	6/23/2024 12:00:00 AM	PB161462

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.533		10-130		89	SPK: -40
1719-06-8	Anthracene-d10	29.771		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	30.347		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.412		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74688	8.076				
1146-65-2	Naphthalene-d8	381405	10.891				
15067-26-2	Acenaphthene-d10	255272	14.704				
1517-22-2	Phenanthrene-d10	563947	17.448				
1719-03-5	Chrysene-d12	495594	21.713				
1520-96-3	Perylene-d12	589670	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BP7DL								
P2754-08DL	A4BP7DL	Solid	Total Alkanes	*	0.000	D 310	2000	ug/Kg
			Total Tics :			0.00		
P2754-08DL	A4BP7DL	Solid	Bis(2-ethylhexyl)phthalate	40,000.000	ED	290	2000	ug/Kg
			Total Svoc :			40,000.00		
			Total Concentration:			40,000.00		
Client ID : A4C90								
P2775-11	A4C90	Solid	(DEL) Alkane: Straight-Chain24.(	*	490.000	J		
P2775-11	A4C90	Solid	(DEL) Alkane: Straight-Chain26.2	*	520.000	J		
P2775-11	A4C90	Solid	1-Hexadecanol, 2-methyl-	*	440.000	J		
P2775-11	A4C90	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P2775-11	A4C90	Solid	Benzeneacetonitrile, .alpha.-hydro	*	180.000	J		
P2775-11	A4C90	Solid	Benzoic acid	*	230.000	J		
P2775-11	A4C90	Solid	n-Hexadecanoic acid	*	330.000	J		
P2775-11	A4C90	Solid	Octadecanoic acid	*	94.000	J		
P2775-11	A4C90	Solid	Propylene Glycol	*	140.000	J		
P2775-11	A4C90	Solid	Tricosyl trifluoroacetate	*	520.000	J		
P2775-11	A4C90	Solid	unknown-01	*	120.000	J		
P2775-11	A4C90	Solid	Total Alkanes	*	1,000.000	27	180	ug/Kg
			Total Tics :			4,204.00		
P2775-11	A4C90	Solid	Anthracene		42.000	J 26	180	ug/Kg
P2775-11	A4C90	Solid	Benzo(a)anthracene		120.000	J 24	180	ug/Kg
P2775-11	A4C90	Solid	Benzo(a)pyrene		120.000	J 33	180	ug/Kg
P2775-11	A4C90	Solid	Benzo(b)fluoranthene		160.000	J 39	180	ug/Kg
P2775-11	A4C90	Solid	Benzo(g,h,i)perylene		100.000	J 34	180	ug/Kg
P2775-11	A4C90	Solid	Benzo(k)fluoranthene		64.000	J 40	180	ug/Kg
P2775-11	A4C90	Solid	Chrysene		140.000	J 25	180	ug/Kg
P2775-11	A4C90	Solid	Fluoranthene		270.000	20	180	ug/Kg
P2775-11	A4C90	Solid	Indeno(1,2,3-cd)pyrene		78.000	J 29	180	ug/Kg
P2775-11	A4C90	Solid	Phenanthrene		210.000	28	180	ug/Kg
P2775-11	A4C90	Solid	Pyrene		250.000	19	180	ug/Kg
			Total Svoc :			1,554.00		
			Total Concentration:			5,758.00		
Client ID : A4C93								
P2775-12	A4C93	Solid	(DEL) Alkane: Straight-Chain21.3	*	1,100.000	J		
P2775-12	A4C93	Solid	(DEL) Alkane: Straight-Chain22.5	*	1,800.000	J		
P2775-12	A4C93	Solid	(DEL) Alkane: Straight-Chain24.(	*	3,600.000	J		
P2775-12	A4C93	Solid	(DEL) Alkane: Straight-Chain26.2	*	2,100.000	J		

Hit Summary Sheet SW-846

SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-12	A4C93	Solid	1,1-Biphenyl, 2,2,3,3-tetrachlo	*	270.000	J		
P2775-12	A4C93	Solid	1,1-Biphenyl, 2,2,3,5,5-pentach	*	90.000	J		
P2775-12	A4C93	Solid	1,1-Biphenyl, 2,2,5,6-Tetrachlo	*	430.000	J		
P2775-12	A4C93	Solid	1,1-Biphenyl, 2,2,6,6-tetrachlo	*	320.000	J		
P2775-12	A4C93	Solid	1,1-Biphenyl, 2,3,3,4,4-pentach	*	150.000	J		
P2775-12	A4C93	Solid	1,1-Biphenyl, 2,3,3,4,6-pentach	*	180.000	J		
P2775-12	A4C93	Solid	1,1-Biphenyl, 2,3,4,4-tetrachlor	*	130.000	J		
P2775-12	A4C93	Solid	1,1-Biphenyl, 2,3,4,6-tetrachlor	*	170.000	J		
P2775-12	A4C93	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	790.000	J		
P2775-12	A4C93	Solid	1,1-Biphenyl, 3,3,4,4-tetrachlo	*	330.000	J		
P2775-12	A4C93	Solid	1-Phenoxypropan-2-ol	*	250.000	J		
P2775-12	A4C93	Solid	2,2,3,4,4-Pentachloro-1,1-biphe	*	190.000	J		
P2775-12	A4C93	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	180.000	J		
P2775-12	A4C93	Solid	2,3,3,4,5-Pentachloro-1,1-biphen	*	97.000	J		
P2775-12	A4C93	Solid	2,3,3,6-Tetrachloro-1,1-biphenyl	*	290.000	J		
P2775-12	A4C93	Solid	9,10-Anthracenedione	*	110.000	J		
P2775-12	A4C93	Solid	Acetic acid, hydroxy-, ethyl ester	*	120.000	J		
P2775-12	A4C93	Solid	Biphenyl, 2,4,4,5-tetrachloro-	*	530.000	J		
P2775-12	A4C93	Solid	Heptadecyl heptafluorobutyrate	*	1,300.000	J		
P2775-12	A4C93	Solid	Myristoleic acid	*	82.000	J		
P2775-12	A4C93	Solid	n-Hexadecanoic acid	*	100.000	J		
P2775-12	A4C93	Solid	Octadecanoic acid	*	200.000	J		
P2775-12	A4C93	Solid	Pentadecanoic acid	*	910.000	J		
P2775-12	A4C93	Solid	Propylene Glycol	*	300.000	J		
P2775-12	A4C93	Solid	unknown-01	*	79.000	J		
P2775-12	A4C93	Solid	unknown-02	*	140.000	J		
P2775-12	A4C93	Solid	unknown-03	*	200.000	J		
P2775-12	A4C93	Solid	Total Alkanes	*	8,600.000	J	29	190 ug/Kg
Total Tics :					25,138.00			
P2775-12	A4C93	Solid	Anthracene		84.000	J	28	190 ug/Kg
P2775-12	A4C93	Solid	Benzo(a)anthracene		380.000	J	26	190 ug/Kg
P2775-12	A4C93	Solid	Benzo(a)pyrene		210.000	J	35	190 ug/Kg
P2775-12	A4C93	Solid	Benzo(b)fluoranthene		500.000	J	42	190 ug/Kg
P2775-12	A4C93	Solid	Benzo(k)fluoranthene		160.000	J	43	190 ug/Kg
P2775-12	A4C93	Solid	Bis(2-ethylhexyl)phthalate		60.000	J	28	190 ug/Kg
P2775-12	A4C93	Solid	Carbazole		46.000	J	38	370 ug/Kg
P2775-12	A4C93	Solid	Chrysene		390.000	J	27	190 ug/Kg
P2775-12	A4C93	Solid	Dibenzo(a,h)anthracene		71.000	J	29	190 ug/Kg
P2775-12	A4C93	Solid	Fluoranthene		800.000	J	21	190 ug/Kg
P2775-12	A4C93	Solid	Indeno(1,2,3-cd)pyrene		150.000	J	31	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-12	A4C93	Solid	Phenanthrene	460.000		30	190	ug/Kg
P2775-12	A4C93	Solid	Pyrene	590.000		20	190	ug/Kg
Total Svoc :				3,901.00				
Total Concentration:				29,039.00				
Client ID : A4C95								
P2775-13	A4C95	Solid	(DEL) Alkane: Straight-Chain21.3 *	260.000	J			
P2775-13	A4C95	Solid	(S,Z)-Heptadeca-1,9-dien-4,6-diy1 *	120.000	J			
P2775-13	A4C95	Solid	1-Phenoxypropan-2-ol *	190.000	J			
P2775-13	A4C95	Solid	4H-Cyclopenta[def]phenanthrene *	230.000	J			
P2775-13	A4C95	Solid	9,10-Anthracenedione *	160.000	J			
P2775-13	A4C95	Solid	n-Hexadecanoic acid *	670.000	J			
P2775-13	A4C95	Solid	Octadecanoic acid *	200.000	J			
P2775-13	A4C95	Solid	Panaxynone *	110.000	J			
P2775-13	A4C95	Solid	Pentanedioic acid, dimethyl ester *	94.000	J			
P2775-13	A4C95	Solid	unknown-01 *	180.000	J			
P2775-13	A4C95	Solid	Total Alkanes *	260.000		34	220	ug/Kg
Total Tics :				2,474.00				
P2775-13	A4C95	Solid	Acenaphthene	100.000	J	34	220	ug/Kg
P2775-13	A4C95	Solid	Anthracene	180.000	J	33	220	ug/Kg
P2775-13	A4C95	Solid	Benzo(a)anthracene	770.000		30	220	ug/Kg
P2775-13	A4C95	Solid	Benzo(a)pyrene	410.000		40	220	ug/Kg
P2775-13	A4C95	Solid	Benzo(b)fluoranthene	1,000.000		48	220	ug/Kg
P2775-13	A4C95	Solid	Benzo(g,h,i)perylene	50.000	J	42	220	ug/Kg
P2775-13	A4C95	Solid	Benzo(k)fluoranthene	410.000		49	220	ug/Kg
P2775-13	A4C95	Solid	Bis(2-ethylhexyl)phthalate	220.000		33	220	ug/Kg
P2775-13	A4C95	Solid	Carbazole	120.000	J	44	430	ug/Kg
P2775-13	A4C95	Solid	Chrysene	870.000		31	220	ug/Kg
P2775-13	A4C95	Solid	Dibenzo(a,h)anthracene	140.000	J	34	220	ug/Kg
P2775-13	A4C95	Solid	Fluoranthene	1,900.000		25	220	ug/Kg
P2775-13	A4C95	Solid	Fluorene	85.000	J	35	220	ug/Kg
P2775-13	A4C95	Solid	Indeno(1,2,3-cd)pyrene	320.000		36	220	ug/Kg
P2775-13	A4C95	Solid	Phenanthrene	1,100.000		35	220	ug/Kg
P2775-13	A4C95	Solid	Pyrene	1,300.000		23	220	ug/Kg
Total Svoc :				8,975.00				
Total Concentration:				11,449.00				
Client ID : A4C96								
P2775-14	A4C96	Solid	(DEL) Alkane: Straight-Chain21.3 *	320.000	J			
P2775-14	A4C96	Solid	1-Phenoxypropan-2-ol *	120.000	J			
P2775-14	A4C96	Solid	n-Hexadecanoic acid *	310.000	J			

Hit Summary Sheet SW-846

SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-14	A4C96	Solid	unknown-01	*	130.000	J		
P2775-14	A4C96	Solid	Total Alkanes	*	320.000	29	190	ug/Kg
Total Tics :				1,200.00				
P2775-14	A4C96	Solid	Benzo(a)anthracene		85.000	J	26	190 ug/Kg
P2775-14	A4C96	Solid	Benzo(a)pyrene		84.000	J	35	190 ug/Kg
P2775-14	A4C96	Solid	Benzo(b)fluoranthene		120.000	J	42	190 ug/Kg
P2775-14	A4C96	Solid	Benzo(g,h,i)perylene		65.000	J	36	190 ug/Kg
P2775-14	A4C96	Solid	Benzo(k)fluoranthene		45.000	J	43	190 ug/Kg
P2775-14	A4C96	Solid	Chrysene		96.000	J	27	190 ug/Kg
P2775-14	A4C96	Solid	Fluoranthene		220.000		21	190 ug/Kg
P2775-14	A4C96	Solid	Indeno(1,2,3-cd)pyrene		57.000	J	31	190 ug/Kg
P2775-14	A4C96	Solid	Phenanthrene		120.000	J	30	190 ug/Kg
P2775-14	A4C96	Solid	Pyrene		180.000	J	20	190 ug/Kg
Total Svoc :				1,072.00				
Total Concentration:				2,272.00				
Client ID : A4CA1								
P2775-16	A4CA1	Solid	(DEL) Alkane: Straight-Chain21.3	*	600.000	J		
P2775-16	A4CA1	Solid	(DEL) Alkane: Straight-Chain22.4	*	750.000	J		
P2775-16	A4CA1	Solid	(DEL) Alkane: Straight-Chain24.6	*	630.000	J		
P2775-16	A4CA1	Solid	1-Phenoxypropan-2-ol	*	91.000	J		
P2775-16	A4CA1	Solid	erythro-9,10-Dibromopentacosane	*	800.000	J		
P2775-16	A4CA1	Solid	n-Hexadecanoic acid	*	360.000	J		
P2775-16	A4CA1	Solid	Octadecanal	*	590.000	J		
P2775-16	A4CA1	Solid	Pentadecanoic acid	*	100.000	J		
P2775-16	A4CA1	Solid	Total Alkanes	*	2,000.000	29	190	ug/Kg
Total Tics :				5,921.00				
P2775-16	A4CA1	Solid	Fluoranthene		47.000	J	21	190 ug/Kg
P2775-16	A4CA1	Solid	Pyrene		46.000	J	20	190 ug/Kg
Total Svoc :				93.00				
Total Concentration:				6,014.00				
Client ID : A4D46								
P2775-17	A4D46	Solid	(DEL) Alkane: Straight-Chain21.3	*	140.000	J		
P2775-17	A4D46	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P2775-17	A4D46	Solid	2,4,6-Trichloro-1,1-biphenyl	*	94.000	J		
P2775-17	A4D46	Solid	4H-Cyclopenta[def]phenanthrene	*	220.000	J		
P2775-17	A4D46	Solid	Anthracene, 9-methyl-	*	140.000	J		
P2775-17	A4D46	Solid	n-Hexadecanoic acid	*	250.000	J		
P2775-17	A4D46	Solid	unknown-01	*	130.000	J		
P2775-17	A4D46	Solid	unknown-02	*	81.000	J		
P2775-17	A4D46	Solid	Total Alkanes	*	140.000	30	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				1,295.00				
P2775-17	A4D46	Solid	Acenaphthene	97.000	J	30	200	ug/Kg
P2775-17	A4D46	Solid	Anthracene	190.000	J	29	200	ug/Kg
P2775-17	A4D46	Solid	Benzo(a)anthracene	500.000		26	200	ug/Kg
P2775-17	A4D46	Solid	Benzo(a)pyrene	240.000		36	200	ug/Kg
P2775-17	A4D46	Solid	Benzo(b)fluoranthene	530.000		43	200	ug/Kg
P2775-17	A4D46	Solid	Benzo(k)fluoranthene	210.000		44	200	ug/Kg
P2775-17	A4D46	Solid	Carbazole	81.000	J	39	380	ug/Kg
P2775-17	A4D46	Solid	Chrysene	460.000		28	200	ug/Kg
P2775-17	A4D46	Solid	Dibenzo(a,h)anthracene	69.000	J	30	200	ug/Kg
P2775-17	A4D46	Solid	Dibenzofuran	50.000	J	31	200	ug/Kg
P2775-17	A4D46	Solid	Fluoranthene	1,200.000		22	200	ug/Kg
P2775-17	A4D46	Solid	Fluorene	80.000	J	31	200	ug/Kg
P2775-17	A4D46	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	32	200	ug/Kg
P2775-17	A4D46	Solid	Phenanthrene	910.000		31	200	ug/Kg
P2775-17	A4D46	Solid	Pyrene	820.000		21	200	ug/Kg
Total Svoc :				5,587.00				
Total Concentration:				6,882.00				
Client ID : A4D59								
P2775-22	A4D59	Solid	(DEL) Alkane: Straight-Chain21.3 *	150.000	J			
P2775-22	A4D59	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo *	98.000	J			
P2775-22	A4D59	Solid	1,1-Biphenyl, 2,2,4,5-tetrachlo *	150.000	J			
P2775-22	A4D59	Solid	1,1-Biphenyl, 2,2,5,6-Tetrachlo *	300.000	J			
P2775-22	A4D59	Solid	1,1-Biphenyl, 2,3,3,5-tetrachlo *	140.000	J			
P2775-22	A4D59	Solid	1,1-Biphenyl, 2,3,5,5-tetrachlo *	91.000	J			
P2775-22	A4D59	Solid	1,1-Biphenyl, 2,4,4,6-tetrachlor *	210.000	J			
P2775-22	A4D59	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	310.000	J			
P2775-22	A4D59	Solid	1-Phenoxypropan-2-ol *	110.000	J			
P2775-22	A4D59	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl *	130.000	J			
P2775-22	A4D59	Solid	2,3,4,5-Tetrachloro-1,1-bipheny *	94.000	J			
P2775-22	A4D59	Solid	n-Hexadecanoic acid *	520.000	J			
P2775-22	A4D59	Solid	Octadecanoic acid *	90.000	J			
P2775-22	A4D59	Solid	unknown-01 *	100.000	J			
P2775-22	A4D59	Solid	unknown-02 *	150.000	J			
P2775-22	A4D59	Solid	Total Alkanes *	150.000		31	200	ug/Kg
Total Tics :				2,793.00				
P2775-22	A4D59	Solid	Acenaphthene	44.000	J	31	200	ug/Kg
P2775-22	A4D59	Solid	Acetophenone	84.000	J	78	390	ug/Kg
P2775-22	A4D59	Solid	Anthracene	120.000	J	29	200	ug/Kg
P2775-22	A4D59	Solid	Benzo(a)anthracene	500.000		27	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2775-22	A4D59	Solid	Benzo(a)pyrene	300.000		37	200	ug/Kg
P2775-22	A4D59	Solid	Benzo(b)fluoranthene	640.000		44	200	ug/Kg
P2775-22	A4D59	Solid	Benzo(k)fluoranthene	180.000	J	45	200	ug/Kg
P2775-22	A4D59	Solid	Chrysene	470.000		28	200	ug/Kg
P2775-22	A4D59	Solid	Dibenzo(a,h)anthracene	79.000	J	31	200	ug/Kg
P2775-22	A4D59	Solid	Fluoranthene	990.000		22	200	ug/Kg
P2775-22	A4D59	Solid	Fluorene	55.000	J	32	200	ug/Kg
P2775-22	A4D59	Solid	Indeno(1,2,3-cd)pyrene	190.000	J	33	200	ug/Kg
P2775-22	A4D59	Solid	Phenanthrene	510.000		32	200	ug/Kg
P2775-22	A4D59	Solid	Pyrene	720.000		21	200	ug/Kg

Total Svoc : 4,882.00

Total Concentration: 7,675.00

Client ID : A4B93

P2776-05	A4B93	Solid	1-Phenoxypropan-2-ol	*	260.000	J		
P2776-05	A4B93	Solid	E-14-Hexadecenal	*	390.000	J		
P2776-05	A4B93	Solid	Pentanedioic acid, dimethyl ester	*	180.000	J		
P2776-05	A4B93	Solid	Tridecanoic acid	*	400.000	J		
P2776-05	A4B93	Solid	Total Alkanes	*	0.000		67	440 ug/Kg

Total Tics : 1,230.00

P2776-05	A4B93	Solid	Benzo(a)anthracene		110.000	J	59	440 ug/Kg
P2776-05	A4B93	Solid	Benzo(a)pyrene		100.000	J	79	440 ug/Kg
P2776-05	A4B93	Solid	Benzo(b)fluoranthene		140.000	J	95	440 ug/Kg
P2776-05	A4B93	Solid	Chrysene		120.000	J	61	440 ug/Kg
P2776-05	A4B93	Solid	Fluoranthene		260.000	J	49	440 ug/Kg
P2776-05	A4B93	Solid	Phenanthrene		98.000	J	69	440 ug/Kg
P2776-05	A4B93	Solid	Pyrene		210.000	J	46	440 ug/Kg

Total Svoc : 1,038.00

Total Concentration: 2,268.00

Client ID : A4B94

P2776-06	A4B94	Solid	(DEL) Alkane: Straight-Chain3.35	*	510.000	J		
P2776-06	A4B94	Solid	1,1-Biphenyl 2,3-dichloro-	*	120.000	J		
P2776-06	A4B94	Solid	1,1-Biphenyl, 2,2,5-trichloro-	*	190.000	J		
P2776-06	A4B94	Solid	1,1-Biphenyl, 2,2-dichloro-	*	270.000	J		
P2776-06	A4B94	Solid	1,1-Biphenyl, 2,3,3-trichloro-	*	140.000	J		
P2776-06	A4B94	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	170.000	J		
P2776-06	A4B94	Solid	1,1-Biphenyl, 2,4-dichloro-	*	240.000	J		
P2776-06	A4B94	Solid	1,1-Biphenyl, 3,3,5-trichloro-	*	270.000	J		
P2776-06	A4B94	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P2776-06	A4B94	Solid	3,3,4,5-Tetrachloro-1,1-biphenyl	*	260.000	J		

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SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-06	A4B94	Solid	Tridecanoic acid	*	250.000	J		
P2776-06	A4B94	Solid	unknown-01	*	130.000	J		
P2776-06	A4B94	Solid	Total Alkanes	*	510.000		40	260 ug/Kg
Total Tics :				3,190.00				
P2776-06	A4B94	Solid	Anthracene		93.000	J	38	260 ug/Kg
P2776-06	A4B94	Solid	Benzo(a)anthracene		300.000		35	260 ug/Kg
P2776-06	A4B94	Solid	Benzo(a)pyrene		110.000	J	48	260 ug/Kg
P2776-06	A4B94	Solid	Benzo(b)fluoranthene		340.000		57	260 ug/Kg
P2776-06	A4B94	Solid	Benzo(k)fluoranthene		130.000	J	58	260 ug/Kg
P2776-06	A4B94	Solid	Bis(2-ethylhexyl)phthalate		160.000	J	38	260 ug/Kg
P2776-06	A4B94	Solid	Chrysene		300.000		37	260 ug/Kg
P2776-06	A4B94	Solid	Fluoranthene		710.000		29	260 ug/Kg
P2776-06	A4B94	Solid	Indeno(1,2,3-cd)pyrene		83.000	J	43	260 ug/Kg
P2776-06	A4B94	Solid	Phenanthrene		460.000		42	260 ug/Kg
P2776-06	A4B94	Solid	Pyrene		450.000		28	260 ug/Kg
Total Svoc :				3,136.00				
Total Concentration:				6,326.00				
Client ID : A4CA3								
P2776-09	A4CA3	Solid	(DEL) Alkane: Cyclic21.359	*	190.000	J		
P2776-09	A4CA3	Solid	1-Phenoxypropan-2-ol	*	97.000	J		
P2776-09	A4CA3	Solid	2,2-Dichloroethyl methyl ether	*	110.000	J		
P2776-09	A4CA3	Solid	n-Hexadecanoic acid	*	210.000	J		
P2776-09	A4CA3	Solid	Total Alkanes	*	190.000		30	200 ug/Kg
Total Tics :				797.00				
Total Concentration:				797.00				
Client ID : A4CA5								
P2776-10	A4CA5	Solid	(DEL) Alkane: Cyclic26.325	*	1,100.000	J		
P2776-10	A4CA5	Solid	(DEL) Alkane: Straight-Chain21.3	*	840.000	J		
P2776-10	A4CA5	Solid	(DEL) Alkane: Straight-Chain24.0	*	2,000.000	J		
P2776-10	A4CA5	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2776-10	A4CA5	Solid	2-Bromo dodecane	*	1,200.000	J		
P2776-10	A4CA5	Solid	Ethanol, 2-(9-octadecenyloxy)-, (Z	*	330.000	J		
P2776-10	A4CA5	Solid	Octadecanoic acid	*	450.000	J		
P2776-10	A4CA5	Solid	Pentafluoropropionic acid, hexade	*	1,500.000	J		
P2776-10	A4CA5	Solid	Tetradecanoic acid	*	190.000	J		
P2776-10	A4CA5	Solid	unknown-01	*	74.000	J		
P2776-10	A4CA5	Solid	unknown-02	*	110.000	J		
P2776-10	A4CA5	Solid	Total Alkanes	*	3,900.000		28	180 ug/Kg
Total Tics :				11,804.00				
P2776-10	A4CA5	Solid	Benzo(a)anthracene		65.000	J	25	180 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-10	A4CA5	Solid	Benzo(a)pyrene	43.000	J	34	180	ug/Kg
P2776-10	A4CA5	Solid	Benzo(b)fluoranthene	100.000	J	40	180	ug/Kg
P2776-10	A4CA5	Solid	Benzo(k)fluoranthene	50.000	J	41	180	ug/Kg
P2776-10	A4CA5	Solid	Bis(2-ethylhexyl)phthalate	71.000	J	27	180	ug/Kg
P2776-10	A4CA5	Solid	Chrysene	84.000	J	26	180	ug/Kg
P2776-10	A4CA5	Solid	Fluoranthene	150.000	J	21	180	ug/Kg
P2776-10	A4CA5	Solid	Phenanthrene	76.000	J	29	180	ug/Kg
P2776-10	A4CA5	Solid	Pyrene	110.000	J	20	180	ug/Kg
Total Svoc :				749.00				
Total Concentration:				12,553.00				
Client ID : A4CA6								
P2776-11	A4CA6	Solid	(DEL) Alkane: Straight-Chain22.5 *	720.000	J			
P2776-11	A4CA6	Solid	(DEL) Alkane: Straight-Chain24.0 *	720.000	J			
P2776-11	A4CA6	Solid	1-Phenoxypropan-2-ol *	85.000	J			
P2776-11	A4CA6	Solid	2- Chloropropionic acid, octadecy *	470.000	J			
P2776-11	A4CA6	Solid	n-Hexadecanoic acid *	290.000	J			
P2776-11	A4CA6	Solid	Octadecanoic acid *	110.000	J			
P2776-11	A4CA6	Solid	unknown-01 *	96.000	J			
P2776-11	A4CA6	Solid	Total Alkanes *	1,400.000		28	180	ug/Kg
Total Tics :				3,891.00				
P2776-11	A4CA6	Solid	Benzo(b)fluoranthene	42.000	J	40	180	ug/Kg
P2776-11	A4CA6	Solid	Fluoranthene	67.000	J	21	180	ug/Kg
P2776-11	A4CA6	Solid	Pyrene	61.000	J	19	180	ug/Kg
Total Svoc :				170.00				
Total Concentration:				4,061.00				
Client ID : A4CA7								
P2776-12	A4CA7	Solid	(S)-(+)-1,2-Propanediol *	110.000	J			
P2776-12	A4CA7	Solid	1-Phenoxypropan-2-ol *	150.000	J			
P2776-12	A4CA7	Solid	4H-Cyclopenta[def]phenanthrene *	120.000	J			
P2776-12	A4CA7	Solid	E-15-Heptadecenal *	150.000	J			
P2776-12	A4CA7	Solid	n-Hexadecanoic acid *	220.000	J			
P2776-12	A4CA7	Solid	Total Alkanes *	0.000		31	200	ug/Kg
Total Tics :				750.00				
P2776-12	A4CA7	Solid	Acenaphthene	86.000	J	31	200	ug/Kg
P2776-12	A4CA7	Solid	Anthracene	220.000		29	200	ug/Kg
P2776-12	A4CA7	Solid	Benzo(a)anthracene	320.000		27	200	ug/Kg
P2776-12	A4CA7	Solid	Benzo(a)pyrene	300.000		36	200	ug/Kg
P2776-12	A4CA7	Solid	Benzo(b)fluoranthene	380.000		43	200	ug/Kg
P2776-12	A4CA7	Solid	Benzo(g,h,i)perylene	200.000		38	200	ug/Kg
P2776-12	A4CA7	Solid	Benzo(k)fluoranthene	100.000	J	45	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-12	A4CA7	Solid	Carbazole	110.000	J	40	390	ug/Kg
P2776-12	A4CA7	Solid	Chrysene	310.000		28	200	ug/Kg
P2776-12	A4CA7	Solid	Dibenzo(a,h)anthracene	42.000	J	31	200	ug/Kg
P2776-12	A4CA7	Solid	Dibenzofuran	46.000	J	32	200	ug/Kg
P2776-12	A4CA7	Solid	Fluoranthene	940.000		22	200	ug/Kg
P2776-12	A4CA7	Solid	Fluorene	88.000	J	32	200	ug/Kg
P2776-12	A4CA7	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	33	200	ug/Kg
P2776-12	A4CA7	Solid	Phenanthrene	840.000		32	200	ug/Kg
P2776-12	A4CA7	Solid	Pyrene	730.000		21	200	ug/Kg
Total Svoc :				4,872.00				
Total Concentration:				5,622.00				
Client ID : A4CA8								
P2776-13	A4CA8	Solid	(DEL) Alkane: Straight-Chain21.3	280.000	J			
P2776-13	A4CA8	Solid	1-Phenoxypropan-2-ol	310.000	J			
P2776-13	A4CA8	Solid	n-Hexadecanoic acid	410.000	J			
P2776-13	A4CA8	Solid	Propylene Glycol	190.000	J			
P2776-13	A4CA8	Solid	unknown-01	230.000	J			
P2776-13	A4CA8	Solid	Total Alkanes	280.000		56	360	ug/Kg
Total Tics :				1,700.00				
P2776-13	A4CA8	Solid	Anthracene	73.000	J	54	360	ug/Kg
P2776-13	A4CA8	Solid	Benzo(a)anthracene	310.000	J	49	360	ug/Kg
P2776-13	A4CA8	Solid	Benzo(a)pyrene	160.000	J	66	360	ug/Kg
P2776-13	A4CA8	Solid	Benzo(b)fluoranthene	430.000		79	360	ug/Kg
P2776-13	A4CA8	Solid	Benzo(k)fluoranthene	140.000	J	81	360	ug/Kg
P2776-13	A4CA8	Solid	Bis(2-ethylhexyl)phthalate	190.000	J	54	360	ug/Kg
P2776-13	A4CA8	Solid	Chrysene	330.000	J	51	360	ug/Kg
P2776-13	A4CA8	Solid	Fluoranthene	710.000		41	360	ug/Kg
P2776-13	A4CA8	Solid	Indeno(1,2,3-cd)pyrene	130.000	J	60	360	ug/Kg
P2776-13	A4CA8	Solid	Phenanthrene	380.000		58	360	ug/Kg
P2776-13	A4CA8	Solid	Pyrene	480.000		39	360	ug/Kg
Total Svoc :				3,333.00				
Total Concentration:				5,033.00				
Client ID : A4CA9								
P2776-14	A4CA9	Solid	(DEL) Alkane: Cyclic21.361	140.000	J			
P2776-14	A4CA9	Solid	1-Phenoxypropan-2-ol	190.000	J			
P2776-14	A4CA9	Solid	Dodecanoic acid	200.000	J			
P2776-14	A4CA9	Solid	unknown-01	140.000	J			
P2776-14	A4CA9	Solid	Total Alkanes	140.000		37	240	ug/Kg
Total Tics :				810.00				
P2776-14	A4CA9	Solid	Benzo(a)pyrene	48.000	J	44	240	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-14	A4CA9	Solid	Benzo(b)fluoranthene	55.000	J	52	240	ug/Kg
P2776-14	A4CA9	Solid	Chrysene	51.000	J	34	240	ug/Kg
P2776-14	A4CA9	Solid	Fluoranthene	110.000	J	27	240	ug/Kg
P2776-14	A4CA9	Solid	Phenanthrene	74.000	J	38	240	ug/Kg
P2776-14	A4CA9	Solid	Pyrene	97.000	J	25	240	ug/Kg
Total Svoc :				435.00				
Total Concentration:				1,245.00				
Client ID : A4C72								
P2776-19	A4C72	Solid	(DEL) Alkane: Straight-Chain21.3 *	320.000	J			
P2776-19	A4C72	Solid	(DEL) Alkane: Straight-Chain22.5 *	420.000	J			
P2776-19	A4C72	Solid	1-Phenoxypropan-2-ol *	120.000	J			
P2776-19	A4C72	Solid	n-Hexadecanoic acid *	440.000	J			
P2776-19	A4C72	Solid	Octadecanoic acid *	200.000	J			
P2776-19	A4C72	Solid	unknown-01 *	100.000	J			
P2776-19	A4C72	Solid	Total Alkanes *	740.000		28	180	ug/Kg
Total Tics :				2,340.00				
P2776-19	A4C72	Solid	Fluoranthene	50.000	J	21	180	ug/Kg
P2776-19	A4C72	Solid	Pyrene	40.000	J	19	180	ug/Kg
Total Svoc :				90.00				
Total Concentration:				2,430.00				
Client ID : A4C73								
P2776-20	A4C73	Solid	(DEL) Alkane: Cyclic21.363 *	420.000	J			
P2776-20	A4C73	Solid	(DEL) Alkane: Straight-Chain22.5 *	330.000	J			
P2776-20	A4C73	Solid	1,1-Biphenyl, 3,3,4,5-tetrachlo *	110.000	J			
P2776-20	A4C73	Solid	1-Phenoxypropan-2-ol *	150.000	J			
P2776-20	A4C73	Solid	4H-Cyclopenta[def]phenanthrene *	200.000	J			
P2776-20	A4C73	Solid	9,10-Anthracenedione *	160.000	J			
P2776-20	A4C73	Solid	Cyclohexene, 4-methylene-1-(1-m *	290.000	J			
P2776-20	A4C73	Solid	n-Hexadecanoic acid *	550.000	J			
P2776-20	A4C73	Solid	Tricyclo[2.2.1.0(2,6)]heptane, 1,3 *	140.000	J			
P2776-20	A4C73	Solid	unknown-01 *	95.000	J			
P2776-20	A4C73	Solid	unknown-02 *	130.000	J			
P2776-20	A4C73	Solid	unknown-03 *	150.000	J			
P2776-20	A4C73	Solid	Total Alkanes *	750.000		35	230	ug/Kg
Total Tics :				3,475.00				
P2776-20	A4C73	Solid	Acenaphthene	67.000	J	35	230	ug/Kg
P2776-20	A4C73	Solid	Anthracene	170.000	J	34	230	ug/Kg
P2776-20	A4C73	Solid	Benzo(a)anthracene	770.000		31	230	ug/Kg
P2776-20	A4C73	Solid	Benzo(a)pyrene	410.000		42	230	ug/Kg
P2776-20	A4C73	Solid	Benzo(b)fluoranthene	1,100.000		50	230	ug/Kg

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SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-20	A4C73	Solid	Benzo(k)fluoranthene	340.000		52	230	ug/Kg
P2776-20	A4C73	Solid	Bis(2-ethylhexyl)phthalate	330.000		34	230	ug/Kg
P2776-20	A4C73	Solid	Carbazole	110.000	J	46	450	ug/Kg
P2776-20	A4C73	Solid	Chrysene	850.000		33	230	ug/Kg
P2776-20	A4C73	Solid	Dibenzo(a,h)anthracene	130.000	J	35	230	ug/Kg
P2776-20	A4C73	Solid	Fluoranthene	1,800.000		26	230	ug/Kg
P2776-20	A4C73	Solid	Fluorene	66.000	J	37	230	ug/Kg
P2776-20	A4C73	Solid	Indeno(1,2,3-cd)pyrene	300.000		38	230	ug/Kg
P2776-20	A4C73	Solid	Phenanthrene	970.000		37	230	ug/Kg
P2776-20	A4C73	Solid	Pyrene	1,200.000		25	230	ug/Kg
Total Svoc :				8,613.00				
Total Concentration:				12,088.00				
Client ID : A4C74								
P2776-21	A4C74	Solid	(DEL) Alkane: Straight-Chain21.3 *	210.000	J			
P2776-21	A4C74	Solid	1-Phenoxypropan-2-ol *	110.000	J			
P2776-21	A4C74	Solid	Abietic acid *	140.000	J			
P2776-21	A4C74	Solid	Bicyclo[3.1.1]hept-2-ene, 3,6,6-tri-methyl-5-norbornene-2,3-dicarboxylic anhydride *	650.000	J			
P2776-21	A4C74	Solid	Cyclohexene, 4-methylene-1-(1-methylethyl)-2-methyl-3-propyl-4-vinylcyclohexene *	1,700.000	J			
P2776-21	A4C74	Solid	Isopimaric acid *	170.000	J			
P2776-21	A4C74	Solid	n-Hexadecanoic acid *	210.000	J			
P2776-21	A4C74	Solid	Propylene Glycol *	120.000	J			
P2776-21	A4C74	Solid	unknown-01 *	87.000	J			
P2776-21	A4C74	Solid	Total Alkanes *	210.000		28	180	ug/Kg
Total Tics :				3,607.00				
P2776-21	A4C74	Solid	Fluoranthene	55.000	J	20	180	ug/Kg
P2776-21	A4C74	Solid	Pyrene	47.000	J	19	180	ug/Kg
Total Svoc :				102.00				
Total Concentration:				3,709.00				
Client ID : A4C76								
P2776-22	A4C76	Solid	(DEL) Alkane: Cyclic24.134 *	3,000.000	J			
P2776-22	A4C76	Solid	(DEL) Alkane: Straight-Chain18.6 *	140.000	J			
P2776-22	A4C76	Solid	(DEL) Alkane: Straight-Chain19.2 *	88.000	J			
P2776-22	A4C76	Solid	(DEL) Alkane: Straight-Chain20.3 *	97.000	J			
P2776-22	A4C76	Solid	(DEL) Alkane: Straight-Chain21.3 *	1,600.000	J			
P2776-22	A4C76	Solid	(DEL) Alkane: Straight-Chain24.6 *	2,500.000	J			
P2776-22	A4C76	Solid	(DEL) Alkane: Straight-Chain25.1 *	350.000	J			
P2776-22	A4C76	Solid	(DEL) Alkane: Straight-Chain26.2 *	1,300.000	J			
P2776-22	A4C76	Solid	1-Heptacosanol *	4,900.000	J			
P2776-22	A4C76	Solid	1-Phenoxypropan-2-ol *	190.000	J			

Hit Summary Sheet SW-846

SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2776-22	A4C76	Solid	1-Tridecanethiol	*	140.000	J		
P2776-22	A4C76	Solid	11H-Benzo[a]fluoren-11-one	*	82.000	J		
P2776-22	A4C76	Solid	16-Heptadecenal	*	470.000	J		
P2776-22	A4C76	Solid	2-Nonadecanone	*	800.000	J		
P2776-22	A4C76	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J		
P2776-22	A4C76	Solid	9,10-Anthracenedione	*	100.000	J		
P2776-22	A4C76	Solid	Heptadecyl heptafluorobutyrate	*	2,100.000	J		
P2776-22	A4C76	Solid	Hexacosanal	*	180.000	J		
P2776-22	A4C76	Solid	Isopropyl Alcohol	*	140.000	J		
P2776-22	A4C76	Solid	n-Decanoic acid	*	92.000	J		
P2776-22	A4C76	Solid	n-Hexadecanoic acid	*	94.000	J		
P2776-22	A4C76	Solid	Naphthalene, 2-phenyl-	*	83.000	J		
P2776-22	A4C76	Solid	Octadecanal	*	1,300.000	J		
P2776-22	A4C76	Solid	Octadecane, 1-chloro-	*	200.000	J		
P2776-22	A4C76	Solid	Octadecanoic acid	*	250.000	J		
P2776-22	A4C76	Solid	Oxacyclotetradecan-2-one	*	85.000	J		
P2776-22	A4C76	Solid	Oxirane, hexadecyl-	*	3,900.000	J		
P2776-22	A4C76	Solid	Pentacosanal	*	93.000	J		
P2776-22	A4C76	Solid	Pentadecanoic acid	*	860.000	J		
P2776-22	A4C76	Solid	Silane, tetramethyl-	*	120.000	J		
P2776-22	A4C76	Solid	Tetracosanoic acid	*	120.000	J		
P2776-22	A4C76	Solid	Tricosanal	*	1,400.000	J		
P2776-22	A4C76	Solid	Tricosyl trifluoroacetate	*	2,700.000	J		
P2776-22	A4C76	Solid	unknown-01	*	250.000	J		
P2776-22	A4C76	Solid	Total Alkanes	*	9,100.000	J	32	210 ug/Kg
Total Tics :					38,984.00			
P2776-22	A4C76	Solid	Anthracene		83.000	J	31	210 ug/Kg
P2776-22	A4C76	Solid	Benzo(a)anthracene		450.000		28	210 ug/Kg
P2776-22	A4C76	Solid	Benzo(a)pyrene		270.000		38	210 ug/Kg
P2776-22	A4C76	Solid	Benzo(b)fluoranthene		710.000		45	210 ug/Kg
P2776-22	A4C76	Solid	Benzo(k)fluoranthene		270.000		46	210 ug/Kg
P2776-22	A4C76	Solid	Bis(2-ethylhexyl)phthalate		300.000		31	210 ug/Kg
P2776-22	A4C76	Solid	Carbazole		65.000	J	42	400 ug/Kg
P2776-22	A4C76	Solid	Chrysene		550.000		29	210 ug/Kg
P2776-22	A4C76	Solid	Dibenzo(a,h)anthracene		98.000	J	32	210 ug/Kg
P2776-22	A4C76	Solid	Fluoranthene		1,100.000		23	210 ug/Kg
P2776-22	A4C76	Solid	Indeno(1,2,3-cd)pyrene		210.000		34	210 ug/Kg
P2776-22	A4C76	Solid	Phenanthrene		510.000		33	210 ug/Kg
P2776-22	A4C76	Solid	Pyrene		740.000		22	210 ug/Kg
Total Svoc :					5,356.00			



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BG062224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				44,340.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

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

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

Calibration Time(s): 13:45 _____

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

All other compounds must meet a minimum RRF of 0.010.

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.: BG062224 SAS No.: BG062224 SDG NO.: BG062224

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

Lab File ID: BG061606.D Time Analyzed: 10:19

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	SBLK446	55720	8.07	274078	10.89	196274	14.70
02	A4C90	47321	8.08	248980	10.89	183343	14.70
03	A4C93	52155	8.08	266838	10.89	189810	14.70
04	A4C95	52448	8.08	252488	10.89	183780	14.71
05	A4C96	46493	8.08	237033	10.89	170435	14.70
06	A4CA1	56109	8.08	275310	10.89	196252	14.70
07	A4D59	54263	8.08	264807	10.89	189293	14.70
08	A4D46	61880	8.08	309194	10.89	215253	14.70
09	SBLK462	62510	8.08	314857	10.89	220779	14.70
10	A4C72	71219	8.08	353765	10.89	246031	14.70
11	A4C76	74066	8.08	350490	10.89	237974	14.70
12	A4C73	75016	8.08	359846	10.89	248530	14.71
13	A4CA6	67815	8.08	330529	10.89	234905	14.70
14	A4B93	71466	8.07	345375	10.89	233038	14.71
15	A4CA5	71138	8.08	362901	10.89	248976	14.70
16	A4CA7	74896	8.08	363620	10.89	254538	14.70
17	A4CA9	75285	8.08	371474	10.89	252587	14.71
18	A4C74	75605	8.08	385662	10.89	261607	14.70
19	A4BP7DL	72648	8.08	373386	10.89	256121	14.71
20	A4CA8	71348	8.08	350942	10.89	239711	14.70
21	A4B94	79917	8.08	389525	10.89	268574	14.70
22	A4CA3	72013	8.08	364504	10.89	255225	14.70
23	SLCS462	74688	8.08	381405	10.89	255272	14.70



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062224 SAS No.: BG062224 SDG NO.: BG062224

EPA Sample No.: SSTD020441 Date Analyzed: Jun 23 2024 12:00AM

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

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	40384	8.076	209095	10.89	156039	14.70
UPPER LIMIT	80768	8.576	418190	11.391	312078	15.204
LOWER LIMIT	20192	7.576	104547.5	10.391	78019.5	14.204
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062224 SAS No.: BG062224 SDG NO.: BG062224

EPA Sample No.: SSTD020530 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BG061641.D Time Analyzed: 10:19

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	52012	8.074	280810	10.89	197744	14.70
UPPER LIMIT	104024	8.574	561620	11.389	395488	15.202
LOWER LIMIT	26006	7.574	140405	10.389	98872	14.202
EPA SAMPLE NO.						
01 SBLK446	55720	8.07	274078	10.89	196274	14.70
02 A4C90	47321	8.08	248980	10.89	183343	14.70
03 A4C93	52155	8.08	266838	10.89	189810	14.70
04 A4C95	52448	8.08	252488	10.89	183780	14.71
05 A4C96	46493	8.08	237033	10.89	170435	14.70
06 A4CA1	56109	8.08	275310	10.89	196252	14.70
07 A4D59	54263	8.08	264807	10.89	189293	14.70
08 A4D46	61880	8.08	309194	10.89	215253	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.: BG062224 SAS No.: BG062224 SDG NO.: BG062224

EPA Sample No.: SSTD020531 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BG061650.D Time Analyzed: 16:28

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	59988	8.073	304562	10.89	217281	14.71
UPPER LIMIT	119976	8.573	609124	11.387	434562	15.206
LOWER LIMIT	29994	7.573	152281	10.387	108640.5	14.206
EPA SAMPLE NO.						
01 SBLK462	62510	8.08	314857	10.89	220779	14.70
02 A4C72	71219	8.08	353765	10.89	246031	14.70
03 A4C76	74066	8.08	350490	10.89	237974	14.70
04 A4C73	75016	8.08	359846	10.89	248530	14.71
05 A4CA6	67815	8.08	330529	10.89	234905	14.70
06 A4B93	71466	8.07	345375	10.89	233038	14.71
07 A4CA5	71138	8.08	362901	10.89	248976	14.70
08 A4CA7	74896	8.08	363620	10.89	254538	14.70
09 A4CA9	75285	8.08	371474	10.89	252587	14.71
10 A4C74	75605	8.08	385662	10.89	261607	14.70
11 A4BP7DL	72648	8.08	373386	10.89	256121	14.71
12 A4CA8	71348	8.08	350942	10.89	239711	14.70
13 A4B94	79917	8.08	389525	10.89	268574	14.70
14 A4CA3	72013	8.08	364504	10.89	255225	14.70
15 SLCS462	74688	8.08	381405	10.89	255272	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.: BG062224 SAS No.: BG062224 SDG NO.: BG062224

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

Lab File ID: BG061606.D Time Analyzed: 10:19

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	SBLK446	456181	17.44	403548	21.71	480843	24.93
02	A4C90	430342	17.45	372491	21.71	444553	24.93
03	A4C93	424589	17.44	357409	21.71	436087	24.94
04	A4C95	400452	17.44	339384	21.71	409957	24.94
05	A4C96	382844	17.45	333260	21.70	400007	24.94
06	A4CA1	423088	17.44	371662	21.71	445501	24.93
07	A4D59	439036	17.45	376941	21.71	450310	24.94
08	A4D46	472855	17.45	408059	21.71	498421	24.94
09	SBLK462	505123	17.45	436590	21.71	535757	24.93
10	A4C72	537315	17.44	465416	21.70	554851	24.94
11	A4C76	504073	17.44	434870	21.71	523647	24.94
12	A4C73	526703	17.44	456946	21.71	566676	24.94
13	A4CA6	512140	17.45	429365	21.71	515494	24.94
14	A4B93	504879	17.45	423142	21.71	518766	24.94
15	A4CA5	535508	17.45	463115	21.71	563073	24.94
16	A4CA7	565259	17.45	485400	21.71	591500	24.94
17	A4CA9	557036	17.45	484799	21.71	583797	24.93
18	A4C74	568171	17.44	499386	21.71	601100	24.94
19	A4BP7DL	562165	17.45	491177	21.71	592820	24.93
20	A4CA8	523914	17.45	455504	21.71	549229	24.94
21	A4B94	583633	17.44	492472	21.71	602661	24.94

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062224 SAS No.: BG062224 SDG NO.: BG062224

EPA Sample No.: SSTD020441 Date Analyzed: Jun 23 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 01:20

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 A4CA3	548466	17.45	482539	21.71	584657	24.94
23 SLCS462	563947	17.45	495594	21.71	589670	24.94

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.: BG062224 SAS No.: BG062224 SDG NO.: BG062224

EPA Sample No.: SSTD020530 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BG061641.D Time Analyzed: 10:19

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	460226	17.446	399208	21.711	467710	24.937
UPPER LIMIT	920452	17.946	798416	22.211	935420	25.437
LOWER LIMIT	230113	16.946	199604	21.211	233855	24.437
EPA SAMPLE NO.						
01 SBLK446	456181	17.44	403548	21.71	480843	24.93
02 A4C90	430342	17.45	372491	21.71	444553	24.93
03 A4C93	424589	17.44	357409	21.71	436087	24.94
04 A4C95	400452	17.44	339384	21.71	409957	24.94
05 A4C96	382844	17.45	333260	21.70	400007	24.94
06 A4CA1	423088	17.44	371662	21.71	445501	24.93
07 A4D59	439036	17.45	376941	21.71	450310	24.94
08 A4D46	472855	17.45	408059	21.71	498421	24.94

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.: BG062224 SAS No.: BG062224 SDG NO.: BG062224

EPA Sample No.: SSTD020531 Date Analyzed: Jun 22 2024 12:00AM

Lab File ID: BG061650.D Time Analyzed: 16:28

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	491544	17.444	417401	21.71	499252	24.936
	UPPER LIMIT	983088	17.944	834802	22.21	998504	25.436
	LOWER LIMIT	245772	16.944	208700.5	21.21	249626	24.436
	EPA SAMPLE NO.						
01	SBLK462	505123	17.45	436590	21.71	535757	24.93
02	A4C72	537315	17.44	465416	21.70	554851	24.94
03	A4C76	504073	17.44	434870	21.71	523647	24.94
04	A4C73	526703	17.44	456946	21.71	566676	24.94
05	A4CA6	512140	17.45	429365	21.71	515494	24.94
06	A4B93	504879	17.45	423142	21.71	518766	24.94
07	A4CA5	535508	17.45	463115	21.71	563073	24.94
08	A4CA7	565259	17.45	485400	21.71	591500	24.94
09	A4CA9	557036	17.45	484799	21.71	583797	24.93
10	A4C74	568171	17.44	499386	21.71	601100	24.94
11	A4BP7DL	562165	17.45	491177	21.71	592820	24.93
12	A4CA8	523914	17.45	455504	21.71	549229	24.94
13	A4B94	583633	17.44	492472	21.71	602661	24.94
14	A4CA3	548466	17.45	482539	21.71	584657	24.94
15	SLCS462	563947	17.45	495594	21.71	589670	24.94

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062224 SAS No.: BG062224 SDG NO.: BG062224

EPA Sample No.: SSTD020531 Date Analyzed: Jun 23 2024 12:00AM

Lab File ID: BG061650.D Time Analyzed: 02:02

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	491544	17.444	417401	21.71	499252	24.936
UPPER LIMIT	983088	17.944	834802	22.21	998504	25.436
LOWER LIMIT	245772	16.944	208700.5	21.21	249626	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.: BG062224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161462BS	1,4-Dioxane	530	320	ug/Kg	60				0	0		
	Benzaldehyde	1300	760	ug/Kg	58				0	0		
	Pyridine	1300	810	ug/Kg	62				0	0		
	Phenol	1300	1100	ug/Kg	85				0	0		
	Bis(2-chloroethyl)ether	1300	970	ug/Kg	75				0	0		
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0		
	2-Methylphenol	1300	1100	ug/Kg	85				0	0		
	2,2-oxybis(1-Chloropropane)	1300	990	ug/Kg	76				0	0		
	Acetophenone	1300	990	ug/Kg	76				0	0		
	4-Methylphenol	1300	1100	ug/Kg	85				0	0		
	N-Nitroso-di-n-propylamine	1300	970	ug/Kg	75				0	0		
	Hexachloroethane	1300	1100	ug/Kg	85				0	0		
	Nitrobenzene	1300	1100	ug/Kg	85				0	0		
	Isophorone	1300	950	ug/Kg	73				0	0		
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	2,4-Dimethylphenol	1300	930	ug/Kg	72				0	0		
	Bis(2-chloroethoxy)methane	1300	960	ug/Kg	74				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	1000	ug/Kg	77				0	0		
	4-Chloroaniline	1300	840	ug/Kg	65				0	0		
	Hexachlorobutadiene	1300	1100	ug/Kg	85				0	0		
	Caprolactam	1300	840	ug/Kg	65				0	0		
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	Hexachlorocyclopentadiene	1300	560	ug/Kg	43				0	0		
	2,4,6-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	2,4,5-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	1,1'-Biphenyl	1300	1100	ug/Kg	85				0	0		
	2-Chloronaphthalene	1300	1100	ug/Kg	85				0	0		
	2-Nitroaniline	1300	1400	ug/Kg	108				0	0		
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0		
	2,6-Dinitrotoluene	1300	1300	ug/Kg	100				0	0		
	Acenaphthylene	1300	1100	ug/Kg	85				0	0		
	3-Nitroaniline	1300	1400	ug/Kg	108				0	0		
	Acenaphthene	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrophenol	1300	1200	ug/Kg	92				0	0		
	4-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	1300	ug/Kg	100				0	0		
	Diethylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluorene	1300	1100	ug/Kg	85				0	0		
	4-Chlorophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	4-Nitroaniline	1300	1300	ug/Kg	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161462BS	4,6-Dinitro-2-methylphenol	1300	1200	ug/Kg	92				0	0	
	N-Nitrosodiphenylamine	1300	1200	ug/Kg	92				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0	
	4-Bromophenyl-phenylether	1300	1200	ug/Kg	92				0	0	
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Atrazine	1300	900	ug/Kg	69				0	0	
	Pentachlorophenol	1300	1100	ug/Kg	85				0	0	
	Phenanthrene	1300	1100	ug/Kg	85				0	0	
	Pentachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Anthracene	1300	1100	ug/Kg	85				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1400	ug/Kg	108				0	0	
	Carbazole	1300	1100	ug/Kg	85				0	0	
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0	
	Fluoranthene	1300	1100	ug/Kg	85				0	0	
	Pyrene	1300	1100	ug/Kg	85				0	0	
	Butylbenzylphthalate	1300	1200	ug/Kg	92				0	0	
	3,3'-Dichlorobenzidine	1300	1300	ug/Kg	100				0	0	
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0	
	Chrysene	1300	1100	ug/Kg	85				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1200	ug/Kg	92				0	0	
	Di-n-octylphthalate	1300	1300	ug/Kg	100				0	0	
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0	
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0	
	Benzo(a)pyrene	1300	1000	ug/Kg	77				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0	
	Dibenzo(a,h)anthracene	1300	1200	ug/Kg	92				0	0	
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0	
	2,3,4,6-Tetrachlorophenol	1300	1100	ug/Kg	85				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK446

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG062224

SAS No.: BG062224 SDG NO.: BG062224

Lab File ID: BG061642.D

Lab Sample ID: PB161446BL

Instrument ID: BNA_G

Date Extracted: 06/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/22/2024

Level: (low/med) LOW

Time Analyzed: 10:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4C90	P2775-11	BG061643.D	06/22/2024
A4C93	P2775-12	BG061644.D	06/22/2024
A4C95	P2775-13	BG061645.D	06/22/2024
A4C96	P2775-14	BG061646.D	06/22/2024
A4CA1	P2775-16	BG061647.D	06/22/2024
A4D59	P2775-22	BG061648.D	06/22/2024
A4D46	P2775-17	BG061649.D	06/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK462

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG062224

SAS No.: BG062224 SDG NO.: BG062224

Lab File ID: BG061651.D

Lab Sample ID: PB161462BL

Instrument ID: BNA_G

Date Extracted: 06/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/22/2024

Level: (low/med) LOW

Time Analyzed: 16:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4C72	P2776-19	BG061652.D	06/22/2024
A4C76	P2776-22	BG061653.D	06/22/2024
A4C73	P2776-20	BG061654.D	06/22/2024
A4CA6	P2776-11	BG061655.D	06/22/2024
A4B93	P2776-05	BG061656.D	06/22/2024
A4CA5	P2776-10	BG061657.D	06/22/2024
A4CA7	P2776-12	BG061658.D	06/22/2024
A4CA9	P2776-14	BG061659.D	06/22/2024
A4C74	P2776-21	BG061660.D	06/22/2024
A4CA8	P2776-13	BG061662.D	06/22/2024
A4B94	P2776-06	BG061663.D	06/23/2024
A4CA3	P2776-09	BG061664.D	06/23/2024
PB161462BS	PB161462BS	BG061665.D	06/23/2024

COMMENTS: _____



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

Surrogate Summary

SW-846

SDG No.: BG062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2754-08DL	A4BP7DL	BG061661.D	1,4-Dioxane-d8	8	7.60	95		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	40.04	100		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.15	88		10	150
			2-Chlorophenol-d4	40	40.91	102		15	120
			4-Methylphenol-d8	40	33.27	83		10	140
			Nitrobenzene-d5	40	42.92	107		10	135
			2-Nitrophenol-d4	40	44.61	112		10	120
			2,4-Dichlorophenol-d3	40	37.98	95		10	140
			4-Chloroaniline-d4	40	26.13	65		1	145
			Dimethylphthalate-d6	40	38.20	96		10	145
			Acenaphthylene-d8	40	40.94	102		15	120
			4-Nitrophenol-d4	40	31.92	80		10	150
			Fluorene-d10	40	40.89	102		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.76	44		10	130
			Anthracene-d10	40	39.59	99		10	150
			Pyrene-d10	40	38.04	95		10	130
			Benzo(a)pyrene-d12	40	27.39	68		10	140

Surrogate Summary

SW-846

SDG No.: **BG062224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2775-11	A4C90	BG061643.D	1,4-Dioxane-d8	8	3.62	45		15	120
			Pyridine-d5	40	10.05	25		20	120
			Phenol-d5	40	20.19	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.13	45		10	150
			2-Chlorophenol-d4	40	20.03	50		15	120
			4-Methylphenol-d8	40	19.62	49		10	140
			Nitrobenzene-d5	40	19.81	50		10	135
			2-Nitrophenol-d4	40	21.08	53		10	120
			2,4-Dichlorophenol-d3	40	20.28	51		10	140
			4-Chloroaniline-d4	40	5.33	13		1	145
			Dimethylphthalate-d6	40	19.35	48		10	145
			Acenaphthylene-d8	40	20.35	51		15	120
			4-Nitrophenol-d4	40	19.86	50		10	150
			Fluorene-d10	40	20.99	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.35	46		10	130
			Anthracene-d10	40	20.87	52		10	150
			Pyrene-d10	40	22.51	56		10	130
			Benzo(a)pyrene-d12	40	21.52	54		10	140
P2775-12	A4C93	BG061644.D	1,4-Dioxane-d8	8	5.34	67		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	32.52	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.62	74		10	150
			2-Chlorophenol-d4	40	32.82	82		15	120
			4-Methylphenol-d8	40	31.78	79		10	140
			Nitrobenzene-d5	40	35.07	88		10	135
			2-Nitrophenol-d4	40	38.24	96		10	120
			2,4-Dichlorophenol-d3	40	33.64	84		10	140
			4-Chloroaniline-d4	40	3.98	10		1	145
			Dimethylphthalate-d6	40	30.38	76		10	145
			Acenaphthylene-d8	40	32.33	81		15	120
			4-Nitrophenol-d4	40	29.65	74		10	150
			Fluorene-d10	40	31.35	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.57	71		10	130
			Anthracene-d10	40	31.08	78		10	150
			Pyrene-d10	40	29.15	73		10	130
			Benzo(a)pyrene-d12	40	20.59	51		10	140
P2775-13	A4C95	BG061645.D	1,4-Dioxane-d8	8	5.28	66		15	120
			Pyridine-d5	40	2.22	6	*	20	120
			Phenol-d5	40	30.36	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.31	73		10	150
			2-Chlorophenol-d4	40	32.08	80		15	120
			4-Methylphenol-d8	40	29.55	74		10	140
			Nitrobenzene-d5	40	35.57	89		10	135
			2-Nitrophenol-d4	40	39.28	98		10	120
			2,4-Dichlorophenol-d3	40	33.71	84		10	140
			4-Chloroaniline-d4	40	18.69	47		1	145
			Dimethylphthalate-d6	40	32.05	80		10	145
			Acenaphthylene-d8	40	33.86	85		15	120
			4-Nitrophenol-d4	40	29.37	73		10	150

Surrogate Summary

SW-846

SDG No.: **BG062224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2775-13	A4C95	BG061645.D	Fluorene-d10	40	33.25	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.87	77		10	130
			Anthracene-d10	40	33.97	85		10	150
			Pyrene-d10	40	31.26	78		10	130
			Benzo(a)pyrene-d12	40	22.86	57		10	140
P2775-14	A4C96	BG061646.D	1,4-Dioxane-d8	8	6.29	79		15	120
			Pyridine-d5	40	32.50	81		20	120
			Phenol-d5	40	34.98	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.18	80		10	150
			2-Chlorophenol-d4	40	35.50	89		15	120
			4-Methylphenol-d8	40	36.14	90		10	140
			Nitrobenzene-d5	40	38.59	96		10	135
			2-Nitrophenol-d4	40	43.39	108		10	120
			2,4-Dichlorophenol-d3	40	35.71	89		10	140
			4-Chloroaniline-d4	40	29.61	74		1	145
			Dimethylphthalate-d6	40	33.61	84		10	145
			Acenaphthylene-d8	40	35.76	89		15	120
			4-Nitrophenol-d4	40	33.20	83		10	150
			Fluorene-d10	40	34.57	86		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.09	73		10	130
			Anthracene-d10	40	35.68	89		10	150
			Pyrene-d10	40	36.33	91		10	130
			Benzo(a)pyrene-d12	40	36.59	91		10	140
P2775-16	A4CA1	BG061647.D	1,4-Dioxane-d8	8	3.47	43		15	120
			Pyridine-d5	40	15.65	39		20	120
			Phenol-d5	40	24.25	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.71	54		10	150
			2-Chlorophenol-d4	40	22.98	57		15	120
			4-Methylphenol-d8	40	23.55	59		10	140
			Nitrobenzene-d5	40	25.86	65		10	135
			2-Nitrophenol-d4	40	28.33	71		10	120
			2,4-Dichlorophenol-d3	40	24.30	61		10	140
			4-Chloroaniline-d4	40	13.37	33		1	145
			Dimethylphthalate-d6	40	23.50	59		10	145
			Acenaphthylene-d8	40	24.65	62		15	120
			4-Nitrophenol-d4	40	22.23	56		10	150
			Fluorene-d10	40	24.42	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.59	46		10	130
			Anthracene-d10	40	24.10	60		10	150
			Pyrene-d10	40	26.26	66		10	130
			Benzo(a)pyrene-d12	40	25.70	64		10	140
P2775-17	A4D46	BG061649.D	1,4-Dioxane-d8	8	4.09	51		15	120
			Pyridine-d5	40	1.65	4	*	20	120
			Phenol-d5	40	23.96	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.31	53		10	150
			2-Chlorophenol-d4	40	23.48	59		15	120
			4-Methylphenol-d8	40	22.39	56		10	140
			Nitrobenzene-d5	40	26.59	66		10	135
			2-Nitrophenol-d4	40	29.76	74		10	120

Surrogate Summary

SW-846

SDG No.: **BG062224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2775-17	A4D46	BG061649.D	2,4-Dichlorophenol-d3	40	24.13	60		10	140
			4-Chloroaniline-d4	40	14.03	35		1	145
			Dimethylphthalate-d6	40	23.70	59		10	145
			Acenaphthylene-d8	40	25.22	63		15	120
			4-Nitrophenol-d4	40	21.57	54		10	150
			Fluorene-d10	40	24.30	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.76	44		10	130
			Anthracene-d10	40	24.34	61		10	150
			Pyrene-d10	40	22.95	57		10	130
			Benzo(a)pyrene-d12	40	16.59	41		10	140
P2775-22	A4D59	BG061648.D	Pyridine-d5	40	3.72	9	*	20	120
			1,4-Dioxane-d8	8	4.95	62		15	120
			Phenol-d5	40	28.26	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.10	68		10	150
			2-Chlorophenol-d4	40	29.02	73		15	120
			4-Methylphenol-d8	40	27.41	69		10	140
			Nitrobenzene-d5	40	33.04	83		10	135
			2-Nitrophenol-d4	40	37.95	95		10	120
			2,4-Dichlorophenol-d3	40	30.26	76		10	140
			4-Chloroaniline-d4	40	19.42	49		1	145
			Dimethylphthalate-d6	40	29.00	73		10	145
			Acenaphthylene-d8	40	31.01	78		15	120
			4-Nitrophenol-d4	40	25.81	65		10	150
			Fluorene-d10	40	31.28	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.39	53		10	130
			Anthracene-d10	40	29.63	74		10	150
			Pyrene-d10	40	28.05	70		10	130
			Benzo(a)pyrene-d12	40	21.21	53		10	140
PB161446BL	PB161446BL	BG061642.D	Pyridine-d5	40	26.76	67		20	120
			1,4-Dioxane-d8	8	5.08	64		15	120
			Phenol-d5	40	29.04	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.55	66		10	150
			2-Chlorophenol-d4	40	27.83	70		15	120
			4-Methylphenol-d8	40	28.64	72		10	140
			Nitrobenzene-d5	40	32.62	82		10	135
			2-Nitrophenol-d4	40	35.21	88		10	120
			2,4-Dichlorophenol-d3	40	29.55	74		10	140
			4-Chloroaniline-d4	40	28.44	71		1	145
			Dimethylphthalate-d6	40	28.68	72		10	145
			Acenaphthylene-d8	40	29.96	75		15	120
			4-Nitrophenol-d4	40	28.08	70		10	150
			Fluorene-d10	40	29.63	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.97	60		10	130
			Anthracene-d10	40	29.81	75		10	150
			Pyrene-d10	40	30.76	77		10	130
			Benzo(a)pyrene-d12	40	31.19	78		10	140

Surrogate Summary

SW-846

SDG No.: **BG062224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2776-05	A4B93	BG061656.D	Pyridine-d5	40	19.44	49		20	120
			1,4-Dioxane-d8	8	4.19	52		15	120
			Phenol-d5	40	22.66	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.61	57		10	150
			2-Chlorophenol-d4	40	24.52	61		15	120
			4-Methylphenol-d8	40	23.25	58		10	140
			Nitrobenzene-d5	40	27.89	70		10	135
			2-Nitrophenol-d4	40	30.60	77		10	120
			2,4-Dichlorophenol-d3	40	25.61	64		10	140
			4-Chloroaniline-d4	40	21.67	54		1	145
			Dimethylphthalate-d6	40	24.57	61		10	145
			Acenaphthylene-d8	40	25.85	65		15	120
			4-Nitrophenol-d4	40	19.42	49		10	150
			Fluorene-d10	40	25.05	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.21	46		10	130
			Anthracene-d10	40	25.62	64		10	150
			Pyrene-d10	40	27.03	68		10	130
			Benzo(a)pyrene-d12	40	26.31	66		10	140
P2776-06	A4B94	BG061663.D	1,4-Dioxane-d8	8	3.36	42		15	120
			Pyridine-d5	40	1.63	4	*	20	120
			Phenol-d5	40	18.77	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.39	46		10	150
			2-Chlorophenol-d4	40	19.66	49		15	120
			4-Methylphenol-d8	40	19.24	48		10	140
			Nitrobenzene-d5	40	21.41	54		10	135
			2-Nitrophenol-d4	40	24.61	62		10	120
			2,4-Dichlorophenol-d3	40	20.15	50		10	140
			4-Chloroaniline-d4	40	14.25	36		1	145
			Dimethylphthalate-d6	40	19.66	49		10	145
			Acenaphthylene-d8	40	21.17	53		15	120
			4-Nitrophenol-d4	40	17.25	43		10	150
			Fluorene-d10	40	20.56	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.53	39		10	130
			Anthracene-d10	40	21.32	53		10	150
			Pyrene-d10	40	18.64	47		10	130
			Benzo(a)pyrene-d12	40	11.65	29		10	140
P2776-09	A4CA3	BG061664.D	1,4-Dioxane-d8	8	3.82	48		15	120
			Pyridine-d5	40	18.08	45		20	120
			Phenol-d5	40	21.33	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.00	48		10	150
			2-Chlorophenol-d4	40	21.29	53		15	120
			4-Methylphenol-d8	40	21.11	53		10	140
			Nitrobenzene-d5	40	22.86	57		10	135
			2-Nitrophenol-d4	40	25.71	64		10	120
			2,4-Dichlorophenol-d3	40	21.75	54		10	140
			4-Chloroaniline-d4	40	20.21	51		1	145
			Dimethylphthalate-d6	40	20.87	52		10	145
			Acenaphthylene-d8	40	22.44	56		15	120
			4-Nitrophenol-d4	40	19.61	49		10	150

Surrogate Summary

SW-846

SDG No.: BG062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2776-09	A4CA3	BG061664.D	Fluorene-d10	40	21.19	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.08	40		10	130
			Anthracene-d10	40	21.83	55		10	150
			Pyrene-d10	40	23.00	57		10	130
			Benzo(a)pyrene-d12	40	22.57	56		10	140
P2776-10	A4CA5	BG061657.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Pyridine-d5	40	0.91	2	*	20	120
			Phenol-d5	40	23.28	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.22	53		10	150
			2-Chlorophenol-d4	40	23.41	59		15	120
			4-Methylphenol-d8	40	23.14	58		10	140
			Nitrobenzene-d5	40	25.07	63		10	135
			2-Nitrophenol-d4	40	28.29	71		10	120
			2,4-Dichlorophenol-d3	40	23.63	59		10	140
			4-Chloroaniline-d4	40	6.21	16		1	145
			Dimethylphthalate-d6	40	22.69	57		10	145
			Acenaphthylene-d8	40	23.71	59		15	120
			4-Nitrophenol-d4	40	19.92	50		10	150
			Fluorene-d10	40	23.02	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.38	46		10	130
			Anthracene-d10	40	23.32	58		10	150
			Pyrene-d10	40	21.40	53		10	130
			Benzo(a)pyrene-d12	40	14.92	37		10	140
			Pyridine-d5	40	16.02	40		20	120
			1,4-Dioxane-d8	8	4.07	51		15	120
P2776-11	A4CA6	BG061655.D	Phenol-d5	40	23.08	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.80	52		10	150
			2-Chlorophenol-d4	40	23.60	59		15	120
			4-Methylphenol-d8	40	22.89	57		10	140
			Nitrobenzene-d5	40	26.22	66		10	135
			2-Nitrophenol-d4	40	28.48	71		10	120
			2,4-Dichlorophenol-d3	40	25.06	63		10	140
			4-Chloroaniline-d4	40	14.11	35		1	145
			Dimethylphthalate-d6	40	22.11	55		10	145
			Acenaphthylene-d8	40	24.23	61		15	120
			4-Nitrophenol-d4	40	21.61	54		10	150
			Fluorene-d10	40	23.70	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.25	46		10	130
			Anthracene-d10	40	23.65	59		10	150
			Pyrene-d10	40	25.20	63		10	130
			Benzo(a)pyrene-d12	40	24.95	62		10	140
P2776-12	A4CA7	BG061658.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Pyridine-d5	40	18.23	46		20	120
			Phenol-d5	40	21.29	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.72	49		10	150
			2-Chlorophenol-d4	40	21.31	53		15	120
			4-Methylphenol-d8	40	21.33	53		10	140
			Nitrobenzene-d5	40	25.29	63		10	135
			2-Nitrophenol-d4	40	27.58	69		10	120

Surrogate Summary

SW-846

SDG No.: **BG062224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2776-12	A4CA7	BG061658.D	2,4-Dichlorophenol-d3	40	22.82	57		10	140
			4-Chloroaniline-d4	40	19.98	50		1	145
			Dimethylphthalate-d6	40	22.08	55		10	145
			Acenaphthylene-d8	40	23.83	60		15	120
			4-Nitrophenol-d4	40	21.31	53		10	150
			Fluorene-d10	40	22.62	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.59	44		10	130
			Anthracene-d10	40	23.11	58		10	150
			Pyrene-d10	40	24.52	61		10	130
			Benzo(a)pyrene-d12	40	24.00	60		10	140
P2776-13	A4CA8	BG061662.D	1,4-Dioxane-d8	8	4.86	61		15	120
			Pyridine-d5	40	1.20	3	*	20	120
			Phenol-d5	40	24.57	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.59	59		10	150
			2-Chlorophenol-d4	40	25.34	63		15	120
			4-Methylphenol-d8	40	24.66	62		10	140
			Nitrobenzene-d5	40	28.95	72		10	135
			2-Nitrophenol-d4	40	31.85	80		10	120
			2,4-Dichlorophenol-d3	40	26.54	66		10	140
			4-Chloroaniline-d4	40	18.03	45		1	145
			Dimethylphthalate-d6	40	25.69	64		10	145
			Acenaphthylene-d8	40	27.41	69		15	120
			4-Nitrophenol-d4	40	22.74	57		10	150
			Fluorene-d10	40	26.94	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.78	54		10	130
			Anthracene-d10	40	26.90	67		10	150
			Pyrene-d10	40	24.35	61		10	130
			Benzo(a)pyrene-d12	40	18.26	46		10	140
P2776-14	A4CA9	BG061659.D	Pyridine-d5	40	18.89	47		20	120
			1,4-Dioxane-d8	8	4.01	50		15	120
			Phenol-d5	40	21.37	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.15	50		10	150
			2-Chlorophenol-d4	40	21.78	54		15	120
			4-Methylphenol-d8	40	21.55	54		10	140
			Nitrobenzene-d5	40	24.01	60		10	135
			2-Nitrophenol-d4	40	26.87	67		10	120
			2,4-Dichlorophenol-d3	40	22.96	57		10	140
			4-Chloroaniline-d4	40	20.60	51		1	145
			Dimethylphthalate-d6	40	21.80	54		10	145
			Acenaphthylene-d8	40	23.87	60		15	120
			4-Nitrophenol-d4	40	20.79	52		10	150
			Fluorene-d10	40	22.52	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.41	41		10	130
			Anthracene-d10	40	22.45	56		10	150
			Pyrene-d10	40	23.04	58		10	130
			Benzo(a)pyrene-d12	40	23.50	59		10	140
P2776-19	A4C72	BG061652.D	1,4-Dioxane-d8	8	3.36	42		15	120
			Pyridine-d5	40	2.45	6	*	20	120
			Phenol-d5	40	21.64	54		10	130

Surrogate Summary

SW-846

SDG No.: BG062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2776-19	A4C72	BG061652.D	Bis(2-Chloroethyl)ether-d8	40	19.45	49		10	150
			2-Chlorophenol-d4	40	21.18	53		15	120
			4-Methylphenol-d8	40	22.48	56		10	140
			Nitrobenzene-d5	40	23.69	59		10	135
			2-Nitrophenol-d4	40	26.60	67		10	120
			2,4-Dichlorophenol-d3	40	22.91	57		10	140
			4-Chloroaniline-d4	40	10.45	26		1	145
			Dimethylphthalate-d6	40	22.28	56		10	145
			Acenaphthylene-d8	40	23.82	60		15	120
			4-Nitrophenol-d4	40	21.22	53		10	150
			Fluorene-d10	40	23.56	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.33	51		10	130
			Anthracene-d10	40	23.76	59		10	150
			Pyrene-d10	40	22.96	57		10	130
			Benzo(a)pyrene-d12	40	18.00	45		10	140
P2776-20	A4C73	BG061654.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Pyridine-d5	40	1.23	3	*	20	120
			Phenol-d5	40	22.91	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.28	53		10	150
			2-Chlorophenol-d4	40	23.01	58		15	120
			4-Methylphenol-d8	40	21.22	53		10	140
			Nitrobenzene-d5	40	26.86	67		10	135
			2-Nitrophenol-d4	40	31.67	79		10	120
			2,4-Dichlorophenol-d3	40	25.17	63		10	140
			4-Chloroaniline-d4	40	7.35	18		1	145
			Dimethylphthalate-d6	40	23.11	58		10	145
			Acenaphthylene-d8	40	24.97	62		15	120
			4-Nitrophenol-d4	40	21.66	54		10	150
			Fluorene-d10	40	24.10	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.62	52		10	130
			Anthracene-d10	40	25.12	63		10	150
			Pyrene-d10	40	22.68	57		10	130
P2776-21	A4C74	BG061660.D	Benzo(a)pyrene-d12	40	16.40	41		10	140
			1,4-Dioxane-d8	8	3.90	49		15	120
			Pyridine-d5	40	21.45	54		20	120
			Phenol-d5	40	25.38	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.11	60		10	150
			2-Chlorophenol-d4	40	26.12	65		15	120
			4-Methylphenol-d8	40	25.02	63		10	140
			Nitrobenzene-d5	40	27.36	68		10	135
			2-Nitrophenol-d4	40	32.77	82		10	120
			2,4-Dichlorophenol-d3	40	26.32	66		10	140
			4-Chloroaniline-d4	40	21.68	54		1	145
			Dimethylphthalate-d6	40	25.14	63		10	145
			Acenaphthylene-d8	40	26.82	67		15	120
			4-Nitrophenol-d4	40	23.68	59		10	150
			Fluorene-d10	40	25.89	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.20	60		10	130
			Anthracene-d10	40	25.98	65		10	150

Surrogate Summary

SW-846

SDG No.: **BG062224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2776-21	A4C74	BG061660.D	Pyrene-d10	40	27.18	68		10	130
			Benzo(a)pyrene-d12	40	27.30	68		10	140
P2776-22	A4C76	BG061653.D	Pyridine-d5	40	1.50	4	*	20	120
			1,4-Dioxane-d8	8	4.02	50		15	120
			Phenol-d5	40	27.21	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.44	64		10	150
			2-Chlorophenol-d4	40	28.34	71		15	120
			4-Methylphenol-d8	40	27.40	69		10	140
			Nitrobenzene-d5	40	31.15	78		10	135
			2-Nitrophenol-d4	40	35.85	90		10	120
			2,4-Dichlorophenol-d3	40	29.91	75		10	140
			4-Chloroaniline-d4	40	2.62	7		1	145
			Dimethylphthalate-d6	40	28.61	72		10	145
			Acenaphthylene-d8	40	30.17	75		15	120
			4-Nitrophenol-d4	40	25.55	64		10	150
			Fluorene-d10	40	28.93	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.38	68		10	130
			Anthracene-d10	40	30.09	75		10	150
			Pyrene-d10	40	26.92	67		10	130
			Benzo(a)pyrene-d12	40	19.94	50		10	140
PB161462BL	PB161462BL	BG061651.D	Pyridine-d5	40	29.52	74		20	120
			1,4-Dioxane-d8	8	6.13	77		15	120
			Phenol-d5	40	30.75	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.39	73		10	150
			2-Chlorophenol-d4	40	31.01	78		15	120
			4-Methylphenol-d8	40	30.69	77		10	140
			Nitrobenzene-d5	40	35.10	88		10	135
			2-Nitrophenol-d4	40	38.69	97		10	120
			2,4-Dichlorophenol-d3	40	31.40	79		10	140
			4-Chloroaniline-d4	40	29.25	73		1	145
			Dimethylphthalate-d6	40	31.13	78		10	145
			Acenaphthylene-d8	40	32.91	82		15	120
			4-Nitrophenol-d4	40	29.65	74		10	150
			Fluorene-d10	40	31.46	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.63	69		10	130
			Anthracene-d10	40	31.77	79		10	150
			Pyrene-d10	40	32.92	82		10	130
			Benzo(a)pyrene-d12	40	32.10	80		10	140
PB161462BS	PB161462BS	BG061665.D	1,4-Dioxane-d8	8	5.43	68		15	120
			Pyridine-d5	40	24.83	62		20	120
			Phenol-d5	40	27.86	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.21	66		10	150
			2-Chlorophenol-d4	40	28.29	71		15	120
			4-Methylphenol-d8	40	28.01	70		10	140
			Nitrobenzene-d5	40	30.06	75		10	135
			2-Nitrophenol-d4	40	37.10	93		10	120
			2,4-Dichlorophenol-d3	40	28.99	72		10	140
			4-Chloroaniline-d4	40	25.91	65		1	145
			Dimethylphthalate-d6	40	28.63	72		10	145



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

Surrogate Summary

SW-846

SDG No.: BG062224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161462BS	PB161462BS	BG061665.D	Acenaphthylene-d8	40	30.76	77		15	120
			4-Nitrophenol-d4	40	29.92	75		10	150
			Fluorene-d10	40	29.28	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	35.53	89		10	130
			Anthracene-d10	40	29.77	74		10	150
			Pyrene-d10	40	30.35	76		10	130
			Benzo(a)pyrene-d12	40	31.41	79		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG062224

Lab Code: CHEM

SAS No.: BG062224

SDG NO.: BG062224

Lab File ID: BG061640.D

DFTPP Injection Date: 06/22/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	52.3
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.7
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	84.1
443	15.0 - 24.0% of mass 442	15.2 (18.1) 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
SSTD020530	SSTDCCC020	BG061641.D	06/22/2024	09:39
SBLK446	PB161446BL	BG061642.D	06/22/2024	10:19
A4C90	P2775-11	BG061643.D	06/22/2024	10:59
A4C93	P2775-12	BG061644.D	06/22/2024	11:39
A4C95	P2775-13	BG061645.D	06/22/2024	12:20
A4C96	P2775-14	BG061646.D	06/22/2024	13:00
A4CA1	P2775-16	BG061647.D	06/22/2024	13:41
A4D59	P2775-22	BG061648.D	06/22/2024	14:22
A4D46	P2775-17	BG061649.D	06/22/2024	15:03
SSTD020531	SSTDCCC020	BG061650.D	06/22/2024	15:44
SBLK462	PB161462BL	BG061651.D	06/22/2024	16:28
A4C72	P2776-19	BG061652.D	06/22/2024	17:09
A4C76	P2776-22	BG061653.D	06/22/2024	17:50
A4C73	P2776-20	BG061654.D	06/22/2024	18:31
A4CA6	P2776-11	BG061655.D	06/22/2024	19:12
A4B93	P2776-05	BG061656.D	06/22/2024	19:53
A4CA5	P2776-10	BG061657.D	06/22/2024	20:33
A4CA7	P2776-12	BG061658.D	06/22/2024	21:14

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG062224

Lab Code: CHEM

SAS No.: BG062224

SDG NO.: BG062224

Lab File ID: BG061640.D

DFTPP Injection Date: 06/22/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	52.3
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.7
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	84.1
443	15.0 - 24.0% of mass 442	15.2 (18.1) 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
A4CA9	P2776-14	BG061659.D	06/22/2024	21:55
A4C74	P2776-21	BG061660.D	06/22/2024	22:36
A4BP7DL	P2754-08DL	BG061661.D	06/22/2024	23:17
A4CA8	P2776-13	BG061662.D	06/22/2024	23:58
A4B94	P2776-06	BG061663.D	06/23/2024	00:39
A4CA3	P2776-09	BG061664.D	06/23/2024	01:20
SLCS462	PB161462BS	BG061665.D	06/23/2024	02:02
SSTD020532	SSTDCCC020EC	BG061666.D	06/23/2024	03:24