

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/18/2024 : 11:34

Lab File ID: BG063721.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020571 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.515	0.010	-14.7645	40.0
Benzaldehyde	1.130	1.211	0.010	7.199	40.0
Pyridine	1.724	1.602	0.010	-7.1253	40.0
Phenol	1.963	1.803	0.080	-8.1309	20.0
Bis(2-Chloroethyl)ether	1.502	1.370	0.100	-8.7541	20.0
2-Chlorophenol	1.207	1.198	0.200	-0.765	20.0
2-Methylphenol	1.419	1.350	0.010	-4.843	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.081	0.010	-6.6854	40.0
Acetophenone	2.426	2.334	0.060	-3.7742	20.0
4-Methylphenol	1.553	1.467	0.010	-5.56	20.0
N-Nitroso-di-n-propylamine	1.447	1.336	0.050	-7.7195	30.0
Hexachloroethane	0.593	0.548	0.100	-7.5958	20.0
Nitrobenzene	0.477	0.470	0.050	-1.4926	25.0
Isophorone	0.901	0.894	0.050	-0.8177	25.0
2-Nitrophenol	0.165	0.190	0.050	15.5759	25.0
2,4-Dimethylphenol	0.373	0.399	0.050	6.8696	25.0
Bis(2-Chloroethoxy)methane	0.487	0.488	0.050	0.0924	20.0
2,4-Dichlorophenol	0.308	0.314	0.060	2.0629	20.0
Naphthalene	1.000	1.016	0.200	1.6557	20.0
4-Chloroaniline	0.374	0.402	0.010	7.4496	40.0
Hexachlorobutadiene	0.250	0.232	0.040	-7.0748	30.0
Caprolactam	0.106	0.132	0.010	23.7893	40.0
4-Chloro-3-methylphenol	0.362	0.392	0.040	8.5324	25.0
1-Methylnaphthalene	0.732	0.765	0.100	4.5608	20.0
2-Methylnaphthalene	0.719	0.752	0.100	4.6414	20.0
Hexachlorocyclopentadiene	0.253	0.253	0.010	0.0289	40.0
2,4,6-Trichlorophenol	0.362	0.363	0.090	0.2544	25.0
2,4,5-Trichlorophenol	0.378	0.400	0.100	5.8703	25.0
1,1-Biphenyl	1.319	1.352	0.200	2.4824	20.0
2-Chloronaphthalene	1.059	1.062	0.300	0.2398	20.0
2-Nitroaniline	0.355	0.392	0.050	10.5818	40.0
Dimethylphthalate	1.364	1.453	0.300	6.4949	20.0
2,6-Dinitrotoluene	0.253	0.285	0.080	12.5428	30.0
Acenaphthylene	1.663	1.739	0.400	4.5162	20.0
3-Nitroaniline	0.234	0.293	0.010	24.9106	40.0
Acenaphthene	1.179	1.211	0.200	2.7235	20.0
2,4-Dinitrophenol	0.129	0.125	0.010	-3.5151	40.0
4-Nitrophenol	0.200	0.195	0.010	-2.6613	40.0
Dibenzofuran	1.662	1.738	0.300	4.5315	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/18/2024 : 11:34

Lab File ID: BG063721.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020571 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.447	0.070	18.7148	30.0
Diethylphthalate	1.319	1.470	0.300	11.4903	20.0
Fluorene	1.327	1.461	0.200	10.1053	20.0
4-Chlorophenyl-phenylether	0.739	0.791	0.100	6.906	20.0
4-Nitroaniline	0.234	0.315	0.010	34.1381	40.0
4,6-Dinitro-2-methylphenol	0.107	0.109	0.010	2.2396	40.0
N-Nitrosodiphenylamine	0.484	0.504	0.050	4.0733	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.573	0.100	-10.5662	20.0
4-Bromophenyl-phenylether	0.204	0.204	0.070	-0.079	20.0
Hexachlorobenzene	0.228	0.226	0.050	-1.0397	25.0
Atrazine	0.205	0.228	0.010	11.583	25.0
Pentachlorophenol	0.096	0.082	0.010	-15.2273	40.0
Phenanthrene	0.964	1.051	0.200	9.0814	20.0
Pentachlorobenzene	0.264	0.237	0.050	-10.5038	20.0
Anthracene	0.975	1.073	0.200	10.043	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.224	0.050	-15.9335	20.0
Carbazole	0.790	0.967	0.050	22.4918	40.0
Di-n-butylphthalate	0.954	1.156	0.500	21.2358	25.0
Fluoranthene	1.183	1.286	0.400	8.7438	25.0
Pyrene	1.259	1.355	0.400	7.6657	25.0
Butylbenzylphthalate	0.386	0.493	0.100	27.6919	40.0
3,3-Dichlorobenzidine	0.361	0.435	0.010	20.4979	40.0
Benzo (a) anthracene	1.253	1.280	0.300	2.1035	30.0
Chrysene	1.195	1.205	0.200	0.8995	30.0
Bis(2-ethylhexyl)phthalate	0.562	0.709	0.200	26.1701	40.0
Di-n-octyl phthalate	0.863	1.168	0.010	35.3587	40.0
Benzo (b) fluoranthene	1.137	1.189	0.200	4.6402	25.0
Benzo (k) fluoranthene	1.134	1.149	0.200	1.3773	25.0
Benzo (a) pyrene	1.067	1.086	0.200	1.7862	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.370	0.200	5.1153	25.0
Dibenzo (a,h) anthracene	1.043	1.125	0.200	7.9428	30.0
Benzo (g,h,i) perylene	1.034	1.054	0.200	1.9814	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.359	0.040	10.2282	20.0
1,4-Dioxane-d8	0.510	0.470	0.010	-7.9639	25.0
Pyridine-d5	1.610	1.473	0.010	-8.5315	40.0
Phenol-d5	1.842	1.705	0.010	-7.4325	25.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.150	0.050	-9.6069	25.0
2-Chlorophenol-d4	1.193	1.136	0.200	-4.7698	20.0
4-Methylphenol-d8	1.430	1.350	0.010	-5.5975	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/18/2024 : 11:34

Lab File ID: BG063721.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020571 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.156	0.050	9.1505	20.0
2-Nitrophenol-d4	0.160	0.178	0.050	11.427	30.0
2,4-Dichlorophenol-d3	0.310	0.331	0.060	6.8709	20.0
4-Chloroaniline-d4	0.394	0.441	0.010	12.1868	40.0
Dimethylphthalate-d6	1.361	1.467	0.300	7.8175	20.0
Acenaphthylene-d8	1.551	1.665	0.400	7.3352	20.0
4-Nitrophenol-d4	0.193	0.224	0.010	16.1047	40.0
Fluorene-d10	1.203	1.304	0.100	8.385	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.102	0.010	-1.9197	40.0
Anthracene-d10	0.860	0.942	0.300	9.5219	20.0
Pyrene-d10	1.041	1.094	0.300	5.1288	25.0
Benzo(a)pyrene-d12	0.939	0.981	0.010	4.4138	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/18/2024 : 19:23

Lab File ID: BG063733.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020572 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.566	0.010	-6.281	40.0
Benzaldehyde	1.130	1.281	0.010	13.3748	40.0
Pyridine	1.724	1.604	0.010	-6.9604	40.0
Phenol	1.963	1.930	0.080	-1.709	20.0
Bis(2-Chloroethyl)ether	1.502	1.430	0.100	-4.7927	20.0
2-Chlorophenol	1.207	1.269	0.200	5.1018	20.0
2-Methylphenol	1.419	1.338	0.010	-5.6694	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.118	0.010	-5.0302	40.0
Acetophenone	2.426	2.390	0.060	-1.4733	20.0
4-Methylphenol	1.553	1.561	0.010	0.5353	20.0
N-Nitroso-di-n-propylamine	1.447	1.361	0.050	-5.9984	30.0
Hexachloroethane	0.593	0.539	0.100	-9.1234	20.0
Nitrobenzene	0.477	0.462	0.050	-3.0562	25.0
Isophorone	0.901	0.893	0.050	-0.876	25.0
2-Nitrophenol	0.165	0.182	0.050	10.6451	25.0
2,4-Dimethylphenol	0.373	0.395	0.050	5.806	25.0
Bis(2-Chloroethoxy)methane	0.487	0.479	0.050	-1.7018	20.0
2,4-Dichlorophenol	0.308	0.329	0.060	6.8484	20.0
Naphthalene	1.000	1.024	0.200	2.3911	20.0
4-Chloroaniline	0.374	0.416	0.010	11.0395	40.0
Hexachlorobutadiene	0.250	0.237	0.040	-5.4035	30.0
Caprolactam	0.106	0.131	0.010	23.4336	40.0
4-Chloro-3-methylphenol	0.362	0.395	0.040	9.3024	25.0
1-Methylnaphthalene	0.732	0.780	0.100	6.5717	20.0
2-Methylnaphthalene	0.719	0.757	0.100	5.3951	20.0
Hexachlorocyclopentadiene	0.253	0.236	0.010	-6.7554	40.0
2,4,6-Trichlorophenol	0.362	0.384	0.090	6.1159	25.0
2,4,5-Trichlorophenol	0.378	0.402	0.100	6.3975	25.0
1,1-Biphenyl	1.319	1.354	0.200	2.6808	20.0
2-Chloronaphthalene	1.059	1.073	0.300	1.3476	20.0
2-Nitroaniline	0.355	0.398	0.050	12.2722	40.0
Dimethylphthalate	1.364	1.427	0.300	4.6558	20.0
2,6-Dinitrotoluene	0.253	0.282	0.080	11.2409	30.0
Acenaphthylene	1.663	1.771	0.400	6.4931	20.0
3-Nitroaniline	0.234	0.302	0.010	28.818	40.0
Acenaphthene	1.179	1.244	0.200	5.5234	20.0
2,4-Dinitrophenol	0.129	0.116	0.010	-10.758	40.0
4-Nitrophenol	0.200	0.188	0.010	-5.9998	40.0
Dibenzofuran	1.662	1.835	0.300	10.3779	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/18/2024 : 19:23

Lab File ID: BG063733.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020572 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	0.459	0.070	21.8155	30.0
Diethylphthalate	1.319	1.505	0.300	14.1167	20.0
Fluorene	1.327	1.522	0.200	14.6907	20.0
4-Chlorophenyl-phenylether	0.739	0.804	0.100	8.7664	20.0
4-Nitroaniline	0.234	0.317	0.010	35.1014	40.0
4,6-Dinitro-2-methylphenol	0.107	0.107	0.010	0.459	40.0
N-Nitrosodiphenylamine	0.484	0.525	0.050	8.3043	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.593	0.100	-7.357	20.0
4-Bromophenyl-phenylether	0.204	0.211	0.070	3.669	20.0
Hexachlorobenzene	0.228	0.240	0.050	5.1587	25.0
Atrazine	0.205	0.235	0.010	14.5812	25.0
Pentachlorophenol	0.096	0.086	0.010	-10.4105	40.0
Phenanthrene	0.964	1.076	0.200	11.6901	20.0
Pentachlorobenzene	0.264	0.251	0.050	-5.1017	20.0
Anthracene	0.975	1.106	0.200	13.4019	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.232	0.050	-12.9689	20.0
Carbazole	0.790	0.959	0.050	21.5008	40.0
Di-n-butylphthalate	0.954	1.147	0.500	20.2831	25.0
Fluoranthene	1.183	1.275	0.400	7.7643	25.0
Pyrene	1.259	1.345	0.400	6.9007	25.0
Butylbenzylphthalate	0.386	0.480	0.100	24.3176	40.0
3,3-Dichlorobenzidine	0.361	0.420	0.010	16.3943	40.0
Benzo (a) anthracene	1.253	1.284	0.300	2.4518	30.0
Chrysene	1.195	1.221	0.200	2.2425	30.0
Bis(2-ethylhexyl)phthalate	0.562	0.702	0.200	24.9962	40.0
Di-n-octyl phthalate	0.863	1.140	0.010	32.0145	40.0
Benzo (b) fluoranthene	1.137	1.189	0.200	4.5726	25.0
Benzo (k) fluoranthene	1.134	1.233	0.200	8.7476	25.0
Benzo (a) pyrene	1.067	1.123	0.200	5.2443	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.414	0.200	8.4989	25.0
Dibenzo (a,h) anthracene	1.043	1.140	0.200	9.3022	30.0
Benzo (g,h,i) perylene	1.034	1.096	0.200	5.988	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.357	0.040	9.6445	20.0
1,4-Dioxane-d8	0.510	0.466	0.010	-8.6103	25.0
Pyridine-d5	1.610	1.435	0.010	-10.891	40.0
Phenol-d5	1.842	1.765	0.010	-4.1995	25.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.189	0.050	-6.5398	25.0
2-Chlorophenol-d4	1.193	1.158	0.200	-2.9045	20.0
4-Methylphenol-d8	1.430	1.379	0.010	-3.563	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/18/2024 : 19:23

Lab File ID: BG063733.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020572 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.154	0.050	7.5541	20.0
2-Nitrophenol-d4	0.160	0.167	0.050	4.3514	30.0
2,4-Dichlorophenol-d3	0.310	0.328	0.060	5.8524	20.0
4-Chloroaniline-d4	0.394	0.431	0.010	9.415	40.0
Dimethylphthalate-d6	1.361	1.408	0.300	3.4323	20.0
Acenaphthylene-d8	1.551	1.648	0.400	6.2201	20.0
4-Nitrophenol-d4	0.193	0.223	0.010	15.6973	40.0
Fluorene-d10	1.203	1.341	0.100	11.4568	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.100	0.010	-3.5451	40.0
Anthracene-d10	0.860	0.953	0.300	10.7866	20.0
Pyrene-d10	1.041	1.084	0.300	4.1195	25.0
Benzo(a)pyrene-d12	0.939	0.989	0.010	5.3284	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.: BG121824 SAS No.: BG121824 SDG No.: BG121824
Instrument ID: BNA_G Calibration Date/Time: 12/19/2024 : 04:11
Lab File ID: BG063745.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020573 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.568	0.010	-5.9679	40.0
Benzaldehyde	1.130	1.293	0.010	14.404	40.0
Pyridine	1.724	1.622	0.010	-5.9477	40.0
Phenol	1.963	1.934	0.080	-1.5035	20.0
Bis(2-Chloroethyl)ether	1.502	1.447	0.100	-3.6917	20.0
2-Chlorophenol	1.207	1.227	0.200	1.6864	20.0
2-Methylphenol	1.419	1.355	0.010	-4.4719	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.126	0.010	-4.6759	40.0
Acetophenone	2.426	2.378	0.060	-1.9503	20.0
4-Methylphenol	1.553	1.528	0.010	-1.6142	20.0
N-Nitroso-di-n-propylamine	1.447	1.369	0.050	-5.4138	30.0
Hexachloroethane	0.593	0.545	0.100	-8.0415	20.0
Nitrobenzene	0.477	0.465	0.050	-2.5212	25.0
Isophorone	0.901	0.865	0.050	-4.0158	25.0
2-Nitrophenol	0.165	0.177	0.050	7.8593	25.0
2,4-Dimethylphenol	0.373	0.384	0.050	2.9342	25.0
Bis(2-Chloroethoxy)methane	0.487	0.488	0.050	0.0948	20.0
2,4-Dichlorophenol	0.308	0.330	0.060	7.1542	20.0
Naphthalene	1.000	1.031	0.200	3.0642	20.0
4-Chloroaniline	0.374	0.412	0.010	10.1221	40.0
Hexachlorobutadiene	0.250	0.231	0.040	-7.5861	30.0
Caprolactam	0.106	0.131	0.010	23.4955	40.0
4-Chloro-3-methylphenol	0.362	0.375	0.040	3.6288	25.0
1-Methylnaphthalene	0.732	0.765	0.100	4.5028	20.0
2-Methylnaphthalene	0.719	0.751	0.100	4.5667	20.0
Hexachlorocyclopentadiene	0.253	0.227	0.010	-10.2353	40.0
2,4,6-Trichlorophenol	0.362	0.370	0.090	2.1345	25.0
2,4,5-Trichlorophenol	0.378	0.389	0.100	2.8866	25.0
1,1-Biphenyl	1.319	1.347	0.200	2.0901	20.0
2-Chloronaphthalene	1.059	1.084	0.300	2.3236	20.0
2-Nitroaniline	0.355	0.391	0.050	10.1912	40.0
Dimethylphthalate	1.364	1.400	0.300	2.6079	20.0
2,6-Dinitrotoluene	0.253	0.279	0.080	10.2263	30.0
Acenaphthylene	1.663	1.761	0.400	5.886	20.0
3-Nitroaniline	0.234	0.301	0.010	28.7288	40.0
Acenaphthene	1.179	1.236	0.200	4.8393	20.0
2,4-Dinitrophenol	0.129	0.123	0.010	-5.2534	40.0
4-Nitrophenol	0.200	0.191	0.010	-4.7643	40.0
Dibenzofuran	1.662	1.808	0.300	8.7566	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/19/2024 : 04:11

Lab File ID: BG063745.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020573 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	0.441	0.070	17.2736	30.0
Diethylphthalate	1.319	1.446	0.300	9.6695	20.0
Fluorene	1.327	1.483	0.200	11.7511	20.0
4-Chlorophenyl-phenylether	0.739	0.775	0.100	4.7776	20.0
4-Nitroaniline	0.234	0.318	0.010	35.7338	40.0
4,6-Dinitro-2-methylphenol	0.107	0.105	0.010	-1.779	40.0
N-Nitrosodiphenylamine	0.484	0.512	0.050	5.6484	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.611	0.100	-4.537	20.0
4-Bromophenyl-phenylether	0.204	0.211	0.070	3.2771	20.0
Hexachlorobenzene	0.228	0.240	0.050	5.1473	25.0
Atrazine	0.205	0.232	0.010	13.0925	25.0
Pentachlorophenol	0.096	0.080	0.010	-17.2413	40.0
Phenanthrene	0.964	1.082	0.200	12.2318	20.0
Pentachlorobenzene	0.264	0.248	0.050	-6.3312	20.0
Anthracene	0.975	1.119	0.200	14.7556	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.230	0.050	-13.8038	20.0
Carbazole	0.790	0.979	0.050	23.9697	40.0
Di-n-butylphthalate	0.954	1.143	0.500	19.8108	25.0
Fluoranthene	1.183	1.281	0.400	8.285	25.0
Pyrene	1.259	1.341	0.400	6.5514	25.0
Butylbenzylphthalate	0.386	0.466	0.100	20.6773	40.0
3,3-Dichlorobenzidine	0.361	0.415	0.010	14.971	40.0
Benzo (a) anthracene	1.253	1.282	0.300	2.2638	30.0
Chrysene	1.195	1.229	0.200	2.8717	30.0
Bis(2-ethylhexyl)phthalate	0.562	0.676	0.200	20.3446	40.0
Di-n-octyl phthalate	0.863	1.120	0.010	29.771	40.0
Benzo (b) fluoranthene	1.137	1.209	0.200	6.4029	25.0
Benzo (k) fluoranthene	1.134	1.188	0.200	4.7695	25.0
Benzo (a) pyrene	1.067	1.120	0.200	4.9795	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.394	0.200	7.008	25.0
Dibenzo (a,h) anthracene	1.043	1.138	0.200	9.1148	30.0
Benzo (g,h,i) perylene	1.034	1.079	0.200	4.3551	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.351	0.040	7.9045	20.0
1,4-Dioxane-d8	0.510	0.482	0.010	-5.5283	25.0
Pyridine-d5	1.610	1.541	0.010	-4.2637	40.0
Phenol-d5	1.842	1.749	0.010	-5.0401	25.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.185	0.050	-6.8442	25.0
2-Chlorophenol-d4	1.193	1.167	0.200	-2.1472	20.0
4-Methylphenol-d8	1.430	1.434	0.010	0.2627	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/19/2024 : 04:11

Lab File ID: BG063745.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020573 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.149	0.050	4.526	20.0
2-Nitrophenol-d4	0.160	0.169	0.050	5.8551	30.0
2,4-Dichlorophenol-d3	0.310	0.329	0.060	6.2293	20.0
4-Chloroaniline-d4	0.394	0.414	0.010	5.2417	40.0
Dimethylphthalate-d6	1.361	1.397	0.300	2.6664	20.0
Acenaphthylene-d8	1.551	1.630	0.400	5.0901	20.0
4-Nitrophenol-d4	0.193	0.209	0.010	8.295	40.0
Fluorene-d10	1.203	1.340	0.100	11.326	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.100	0.010	-3.274	40.0
Anthracene-d10	0.860	0.942	0.300	9.5319	20.0
Pyrene-d10	1.041	1.092	0.300	4.9095	25.0
Benzo(a)pyrene-d12	0.939	0.991	0.010	5.4966	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.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/19/2024 : 14:58

Lab File ID: BG063755.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020574 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.594	0.010	-1.5892	40.0
Benzaldehyde	1.130	1.288	0.010	14.0265	40.0
Pyridine	1.724	1.636	0.010	-5.1046	40.0
Phenol	1.963	1.894	0.080	-3.5019	20.0
Bis(2-Chloroethyl)ether	1.502	1.413	0.100	-5.9152	20.0
2-Chlorophenol	1.207	1.237	0.200	2.5121	20.0
2-Methylphenol	1.419	1.414	0.010	-0.3762	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.199	0.010	-1.3878	40.0
Acetophenone	2.426	2.393	0.060	-1.3598	20.0
4-Methylphenol	1.553	1.520	0.010	-2.0911	20.0
N-Nitroso-di-n-propylamine	1.447	1.340	0.050	-7.4035	30.0
Hexachloroethane	0.593	0.549	0.100	-7.4484	20.0
Nitrobenzene	0.477	0.484	0.050	1.4495	25.0
Isophorone	0.901	0.912	0.050	1.2119	25.0
2-Nitrophenol	0.165	0.183	0.050	11.538	25.0
2,4-Dimethylphenol	0.373	0.400	0.050	7.1681	25.0
Bis(2-Chloroethoxy)methane	0.487	0.512	0.050	5.0406	20.0
2,4-Dichlorophenol	0.308	0.329	0.060	6.7066	20.0
Naphthalene	1.000	1.017	0.200	1.7507	20.0
4-Chloroaniline	0.374	0.400	0.010	6.7381	40.0
Hexachlorobutadiene	0.250	0.240	0.040	-3.9492	30.0
Caprolactam	0.106	0.134	0.010	25.9094	40.0
4-Chloro-3-methylphenol	0.362	0.383	0.040	5.9042	25.0
1-Methylnaphthalene	0.732	0.783	0.100	6.9976	20.0
2-Methylnaphthalene	0.719	0.750	0.100	4.3167	20.0
Hexachlorocyclopentadiene	0.253	0.241	0.010	-4.7689	40.0
2,4,6-Trichlorophenol	0.362	0.376	0.090	3.8183	25.0
2,4,5-Trichlorophenol	0.378	0.398	0.100	5.4285	25.0
1,1-Biphenyl	1.319	1.357	0.200	2.8643	20.0
2-Chloronaphthalene	1.059	1.085	0.300	2.4665	20.0
2-Nitroaniline	0.355	0.388	0.050	9.3939	40.0
Dimethylphthalate	1.364	1.422	0.300	4.2458	20.0
2,6-Dinitrotoluene	0.253	0.289	0.080	13.9662	30.0
Acenaphthylene	1.663	1.750	0.400	5.1946	20.0
3-Nitroaniline	0.234	0.301	0.010	28.6903	40.0
Acenaphthene	1.179	1.227	0.200	4.083	20.0
2,4-Dinitrophenol	0.129	0.115	0.010	-10.8802	40.0
4-Nitrophenol	0.200	0.193	0.010	-3.7648	40.0
Dibenzofuran	1.662	1.804	0.300	8.5518	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/19/2024 : 14:58

Lab File ID: BG063755.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020574 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	0.453	0.070	20.4366	30.0
Diethylphthalate	1.319	1.463	0.300	10.9437	20.0
Fluorene	1.327	1.499	0.200	12.9032	20.0
4-Chlorophenyl-phenylether	0.739	0.793	0.100	7.278	20.0
4-Nitroaniline	0.234	0.327	0.010	39.5424	40.0
4,6-Dinitro-2-methylphenol	0.107	0.109	0.010	2.0213	40.0
N-Nitrosodiphenylamine	0.484	0.513	0.050	5.8389	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.599	0.100	-6.5078	20.0
4-Bromophenyl-phenylether	0.204	0.204	0.070	0.1614	20.0
Hexachlorobenzene	0.228	0.242	0.050	5.8325	25.0
Atrazine	0.205	0.233	0.010	13.5812	25.0
Pentachlorophenol	0.096	0.087	0.010	-9.8465	40.0
Phenanthrene	0.964	1.082	0.200	12.2549	20.0
Pentachlorobenzene	0.264	0.245	0.050	-7.1634	20.0
Anthracene	0.975	1.099	0.200	12.6832	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.240	0.050	-10.1979	20.0
Carbazole	0.790	0.964	0.050	22.0918	40.0
Di-n-butylphthalate	0.954	1.133	0.500	18.8034	25.0
Fluoranthene	1.183	1.251	0.400	5.7418	25.0
Pyrene	1.259	1.346	0.400	6.9752	25.0
Butylbenzylphthalate	0.386	0.461	0.100	19.3948	40.0
3,3-Dichlorobenzidine	0.361	0.407	0.010	12.7162	40.0
Benzo (a) anthracene	1.253	1.275	0.300	1.6902	30.0
Chrysene	1.195	1.219	0.200	2.023	30.0
Bis(2-ethylhexyl)phthalate	0.562	0.670	0.200	19.182	40.0
Di-n-octyl phthalate	0.863	1.111	0.010	28.6716	40.0
Benzo (b) fluoranthene	1.137	1.203	0.200	5.8242	25.0
Benzo (k) fluoranthene	1.134	1.232	0.200	8.6403	25.0
Benzo (a) pyrene	1.067	1.122	0.200	5.1775	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.404	0.200	7.7309	25.0
Dibenzo (a,h) anthracene	1.043	1.141	0.200	9.4409	30.0
Benzo (g,h,i) perylene	1.034	1.092	0.200	5.573	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.358	0.040	10.0624	20.0
Pyridine-d5	1.610	1.545	0.010	-4.0148	40.0
1,4-Dioxane-d8	0.510	0.499	0.010	-2.1298	25.0
Phenol-d5	1.842	1.778	0.010	-3.477	25.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.186	0.050	-6.8033	25.0
2-Chlorophenol-d4	1.193	1.166	0.200	-2.2552	20.0
4-Methylphenol-d8	1.430	1.400	0.010	-2.112	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/19/2024 : 14:58

Lab File ID: BG063755.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020574 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.153	0.050	7.3659	20.0
2-Nitrophenol-d4	0.160	0.180	0.050	12.2447	30.0
2,4-Dichlorophenol-d3	0.310	0.345	0.060	11.2345	20.0
4-Chloroaniline-d4	0.394	0.430	0.010	9.3647	40.0
Dimethylphthalate-d6	1.361	1.415	0.300	3.9498	20.0
Acenaphthylene-d8	1.551	1.635	0.400	5.3727	20.0
4-Nitrophenol-d4	0.193	0.211	0.010	9.1717	40.0
Fluorene-d10	1.203	1.351	0.100	12.2561	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.106	0.010	1.7126	40.0
Anthracene-d10	0.860	0.953	0.300	10.8748	20.0
Pyrene-d10	1.041	1.074	0.300	3.2344	25.0
Benzo(a)pyrene-d12	0.939	0.999	0.010	6.3981	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.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/19/2024 : 22:08

Lab File ID: BG063762.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020575 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.580	0.010	-3.9518	50.0
Benzaldehyde	1.130	1.288	0.010	13.976	50.0
Pyridine	1.724	1.677	0.010	-2.7516	50.0
Phenol	1.963	1.922	0.080	-2.0682	50.0
Bis(2-Chloroethyl)ether	1.502	1.495	0.100	-0.4646	50.0
2-Chlorophenol	1.207	1.236	0.200	2.4315	50.0
2-Methylphenol	1.419	1.380	0.010	-2.7339	50.0
2,2-oxybis(1-Chloropropane)	2.230	2.172	0.010	-2.6049	50.0
Acetophenone	2.426	2.385	0.060	-1.6888	50.0
4-Methylphenol	1.553	1.561	0.010	0.5107	50.0
N-Nitroso-di-n-propylamine	1.447	1.350	0.050	-6.7092	50.0
Hexachloroethane	0.593	0.556	0.100	-6.2163	50.0
Nitrobenzene	0.477	0.474	0.050	-0.5719	50.0
Isophorone	0.901	0.875	0.050	-2.9327	50.0
2-Nitrophenol	0.165	0.175	0.050	6.1348	50.0
2,4-Dimethylphenol	0.373	0.377	0.050	0.923	50.0
Bis(2-Chloroethoxy)methane	0.487	0.490	0.050	0.4977	50.0
2,4-Dichlorophenol	0.308	0.327	0.060	6.221	50.0
Naphthalene	1.000	1.027	0.200	2.6824	50.0
4-Chloroaniline	0.374	0.400	0.010	6.9677	50.0
Hexachlorobutadiene	0.250	0.229	0.040	-8.5957	50.0
Caprolactam	0.106	0.131	0.010	22.7169	50.0
4-Chloro-3-methylphenol	0.362	0.375	0.040	3.7848	50.0
1-Methylnaphthalene	0.732	0.754	0.100	2.9687	50.0
2-Methylnaphthalene	0.719	0.740	0.100	3.0101	50.0
Hexachlorocyclopentadiene	0.253	0.252	0.010	-0.3717	50.0
2,4,6-Trichlorophenol	0.362	0.379	0.090	4.7623	50.0
2,4,5-Trichlorophenol	0.378	0.400	0.100	6.0088	50.0
1,1-Biphenyl	1.319	1.374	0.200	4.1928	50.0
2-Chloronaphthalene	1.059	1.089	0.300	2.7997	50.0
2-Nitroaniline	0.355	0.377	0.050	6.3927	50.0
Dimethylphthalate	1.364	1.414	0.300	3.6415	50.0
2,6-Dinitrotoluene	0.253	0.278	0.080	9.5832	50.0
Acenaphthylene	1.663	1.786	0.400	7.3916	50.0
3-Nitroaniline	0.234	0.302	0.010	28.7664	50.0
Acenaphthene	1.179	1.244	0.200	5.4989	50.0
2,4-Dinitrophenol	0.129	0.109	0.010	-16.1408	50.0
4-Nitrophenol	0.200	0.177	0.010	-11.8447	50.0
Dibenzofuran	1.662	1.838	0.300	10.5789	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/19/2024 : 22:08

Lab File ID: BG063762.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020575 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	0.444	0.070	18.0488	50.0
Diethylphthalate	1.319	1.458	0.300	10.5846	50.0
Fluorene	1.327	1.506	0.200	13.4829	50.0
4-Chlorophenyl-phenylether	0.739	0.809	0.100	9.4397	50.0
4-Nitroaniline	0.234	0.321	0.010	36.8483	50.0
4,6-Dinitro-2-methylphenol	0.107	0.108	0.010	0.671	50.0
N-Nitrosodiphenylamine	0.484	0.506	0.050	4.4307	50.0
1,2,4,5-Tetrachlorobenzene	0.640	0.614	0.100	-4.1511	50.0
4-Bromophenyl-phenylether	0.204	0.211	0.070	3.6256	50.0
Hexachlorobenzene	0.228	0.237	0.050	3.942	50.0
Atrazine	0.205	0.221	0.010	7.893	50.0
Pentachlorophenol	0.096	0.080	0.010	-17.1409	50.0
Phenanthrene	0.964	1.068	0.200	10.847	50.0
Pentachlorobenzene	0.264	0.261	0.050	-1.1734	50.0
Anthracene	0.975	1.082	0.200	10.9073	50.0
1,2,3,4-Tetrachlorobenzene	0.267	0.244	0.050	-8.5024	50.0
Carbazole	0.790	0.944	0.050	19.5917	50.0
Di-n-butylphthalate	0.954	1.109	0.500	16.2998	50.0
Fluoranthene	1.183	1.266	0.400	6.9957	50.0
Pyrene	1.259	1.333	0.400	5.9397	50.0
Butylbenzylphthalate	0.386	0.456	0.100	18.0062	50.0
3,3-Dichlorobenzidine	0.361	0.398	0.010	10.1507	50.0
Benzo (a) anthracene	1.253	1.296	0.300	3.3954	50.0
Chrysene	1.195	1.222	0.200	2.2738	50.0
Bis(2-ethylhexyl)phthalate	0.562	0.654	0.200	16.4231	50.0
Di-n-octyl phthalate	0.863	1.083	0.010	25.4494	50.0
Benzo (b) fluoranthene	1.137	1.199	0.200	5.4907	50.0
Benzo (k) fluoranthene	1.134	1.236	0.200	9.0163	50.0
Benzo (a) pyrene	1.067	1.133	0.200	6.2033	50.0
Indeno (1,2,3-cd) pyrene	1.303	1.406	0.200	7.9426	50.0
Dibenzo (a,h) anthracene	1.043	1.133	0.200	8.7009	50.0
Benzo (g,h,i) perylene	1.034	1.100	0.200	6.4117	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.359	0.040	10.2374	50.0
1,4-Dioxane-d8	0.510	0.514	0.010	0.7734	50.0
Pyridine-d5	1.610	1.592	0.010	-1.1327	50.0
Phenol-d5	1.842	1.813	0.010	-1.5627	50.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.228	0.050	-3.4773	50.0
2-Chlorophenol-d4	1.193	1.191	0.200	-0.1202	50.0
4-Methylphenol-d8	1.430	1.394	0.010	-2.5396	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG No.: BG121824

Instrument ID: BNA_G Calibration Date/Time: 12/19/2024 : 22:08

Lab File ID: BG063762.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020575 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.152	0.050	6.5496	50.0
2-Nitrophenol-d4	0.160	0.174	0.050	8.849	50.0
2,4-Dichlorophenol-d3	0.310	0.327	0.060	5.6192	50.0
4-Chloroaniline-d4	0.394	0.424	0.010	7.6679	50.0
Dimethylphthalate-d6	1.361	1.419	0.300	4.2714	50.0
Acenaphthylene-d8	1.551	1.651	0.400	6.4355	50.0
4-Nitrophenol-d4	0.193	0.206	0.010	6.8529	50.0
Fluorene-d10	1.203	1.340	0.100	11.3604	50.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.098	0.010	-5.5898	50.0
Anthracene-d10	0.860	0.946	0.300	10.0416	50.0
Pyrene-d10	1.041	1.070	0.300	2.7705	50.0
Benzo(a)pyrene-d12	0.939	0.995	0.010	5.9142	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK662	SDG No.:	BG121824
Lab Sample ID:	PB165662BL	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
BG063722.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK662	SDG No.:	BG121824
Lab Sample ID:	PB165662BL	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
BG063722.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK662	SDG No.:	BG121824
Lab Sample ID:	PB165662BL	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
BG063722.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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	5.228		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	26.301		20-120		66	SPK: -40
4165-62-2	Phenol-d5	27.785		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.878		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.101		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.04		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	29.685		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.903		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.946		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.424		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.115		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.595		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.648		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	30.354		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK662	SDG No.:	BG121824
Lab Sample ID:	PB165662BL	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
BG063722.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.29		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	30.653		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	28.793		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.446		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127917	7.8				
1146-65-2	Naphthalene-d8	494909	10.591				
15067-26-2	Acenaphthene-d10	381884	14.445				
1517-22-2	Phenanthrene-d10	1027953	17.195				
1719-03-5	Chrysene-d12	1112581	21.443				
1520-96-3	Perylene-d12	1148355	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AN9	SDG No.:	BG121824
Lab Sample ID:	P5226-01	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
BG063723.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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	78	U	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:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AN9	SDG No.:	BG121824
Lab Sample ID:	P5226-01	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
BG063723.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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	31	U	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	32	U	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	32	U	32	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.1	200	ug/Kg
120-12-7	Anthracene	29	U	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	22	U	22	97.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AN9	SDG No.:	BG121824
Lab Sample ID:	P5226-01	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
BG063723.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	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	27	U	27	50.1	200	ug/Kg
218-01-9	Chrysene	28	U	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	44	U	44	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	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	3.661		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	16.985		20-120		42	SPK: -40
4165-62-2	Phenol-d5	18.752		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.299		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.758		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	18.367		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	21.049		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.295		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.007		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.663		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.851		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	21.694		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.675		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	23.801		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AN9	SDG No.:	BG121824
Lab Sample ID:	P5226-01	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
BG063723.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.718		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	24.087		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	23.274		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.693		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115006	7.803				
1146-65-2	Naphthalene-d8	470549	10.593				
15067-26-2	Acenaphthene-d10	361096	14.442				
1517-22-2	Phenanthrene-d10	971398	17.197				
1719-03-5	Chrysene-d12	1034249	21.445				
1520-96-3	Perylene-d12	1085590	24.46				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.805	
	(DEL) Alkane: Cyclic21.110	140	J			21.11	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP0	SDG No.:	BG121824
Lab Sample ID:	P5226-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BG063724.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	73	ug/Kg
100-52-7	Benzaldehyde	64	U	64	90.9	360	ug/Kg
110-86-1	Pyridine	85	U	85	180	360	ug/Kg
108-95-2	Phenol	38	J	33	90.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	90.9	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.8	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	90.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	90.9	360	ug/Kg
98-86-2	Acetophenone	73	U	73	90.9	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	90.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	46.8	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.8	190	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.8	190	ug/Kg
78-59-1	Isophorone	73	U	73	46.8	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	46.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	46.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.8	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.8	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	46.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	46.8	190	ug/Kg
105-60-2	Caprolactam	70	U	70	90.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	90.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP0	SDG No.:	BG121824
Lab Sample ID:	P5226-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063724.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	46.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.8	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	46.8	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.8	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.8	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	90.9	360	ug/Kg
83-32-9	Acenaphthene	29	U	29	46.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	90.9	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.9	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	46.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	46.8	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.8	190	ug/Kg
86-73-7	Fluorene	30	U	30	46.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.8	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	90.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	90.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	46.8	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.8	190	ug/Kg
1912-24-9	Atrazine	31	U	31	90.9	360	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	90.9	360	ug/Kg
85-01-8	Phenanthrene	30	U	30	46.8	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	46.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	46.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.8	190	ug/Kg
86-74-8	Carbazole	37	U	37	90.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	46.8	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	90.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP0	SDG No.:	BG121824
Lab Sample ID:	P5226-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063724.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	90.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.8	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	46.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	90.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	46.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	46.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.965		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	19.019		20-120		48	SPK: -40
4165-62-2	Phenol-d5	20.14		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.942		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.303		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.957		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	23.39		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.254		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.631		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.852		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.956		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.002		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.102		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	24.365		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP0	SDG No.:	BG121824
Lab Sample ID:	P5226-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BG063724.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.169		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	23.351		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	22.222		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.847		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123662	7.799				
1146-65-2	Naphthalene-d8	513187	10.59				
15067-26-2	Acenaphthene-d10	399267	14.444				
1517-22-2	Phenanthrene-d10	1054273	17.194				
1719-03-5	Chrysene-d12	1075488	21.442				
1520-96-3	Perylene-d12	1127774	24.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	200	J			15.801	
	(DEL) Alkane: Straight-Chain	21.113	J			21.113	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP1	SDG No.:	BG121824
Lab Sample ID:	P5226-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063725.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP1	SDG No.:	BG121824
Lab Sample ID:	P5226-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063725.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP1	SDG No.:	BG121824
Lab Sample ID:	P5226-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063725.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	91	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.9	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200		28	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.64		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	13.541		20-120		34	SPK: -40
4165-62-2	Phenol-d5	15.88		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.418		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.016		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	14.839		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	15.857		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.851		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.46		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.477		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.577		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	16.676		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.054		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	17.521		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP1	SDG No.:	BG121824
Lab Sample ID:	P5226-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063725.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.524		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	17.701		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	15.661		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.566		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112299	7.802				
1146-65-2	Naphthalene-d8	470929	10.593				
15067-26-2	Acenaphthene-d10	355332	14.442				
1517-22-2	Phenanthrene-d10	982293	17.197				
1719-03-5	Chrysene-d12	1027708	21.439				
1520-96-3	Perylene-d12	1061610	24.459				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.805	
002885-00-9	1-Octadecanethiol	90	J			21.11	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP2	SDG No.:	BG121824
Lab Sample ID:	P5226-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063726.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99.9	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.5	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.9	400	ug/Kg
98-86-2	Acetophenone	80	U	80	99.9	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.5	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.5	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	51.5	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.5	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.5	210	ug/Kg
105-60-2	Caprolactam	78	U	78	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP2	SDG No.:	BG121824
Lab Sample ID:	P5226-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BG063726.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.5	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.9	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.9	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.5	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.5	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.5	210	ug/Kg
1912-24-9	Atrazine	34	U	34	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.9	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.5	210	ug/Kg
86-74-8	Carbazole	41	U	41	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.5	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	99.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP2	SDG No.:	BG121824
Lab Sample ID:	P5226-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063726.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.5	210	ug/Kg
218-01-9	Chrysene	29	U	29	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.81		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	12.782		20-120		32	SPK: -40
4165-62-2	Phenol-d5	16.861		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.904		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.554		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	12.82		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	15.434		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.37		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.538		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.103		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.861		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	16.563		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.35		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	19.21		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP2	SDG No.:	BG121824
Lab Sample ID:	P5226-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BG063726.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.793		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	22.509		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	18.466		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.717		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129078	7.805				
1146-65-2	Naphthalene-d8	514719	10.596				
15067-26-2	Acenaphthene-d10	413318	14.444				
1517-22-2	Phenanthrene-d10	1089086	17.194				
1719-03-5	Chrysene-d12	1136053	21.442				
1520-96-3	Perylene-d12	1183776	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.801	
	(DEL) Alkane: Cyclic21.107	130	J			21.107	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP3	SDG No.:	BG121824
Lab Sample ID:	P5226-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BG063727.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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	62	U	62	88.6	350	ug/Kg
110-86-1	Pyridine	83	U	83	180	350	ug/Kg
108-95-2	Phenol	32	U	32	88.6	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	88.6	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.6	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	88.6	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	88.6	350	ug/Kg
98-86-2	Acetophenone	71	U	71	88.6	350	ug/Kg
106-44-5	4-Methylphenol	57	U	57	88.6	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	45.6	180	ug/Kg
67-72-1	Hexachloroethane	66	U	66	45.6	180	ug/Kg
98-95-3	Nitrobenzene	69	U	69	45.6	180	ug/Kg
78-59-1	Isophorone	71	U	71	45.6	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.6	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.6	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.6	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.6	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.6	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	45.6	350	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	45.6	180	ug/Kg
105-60-2	Caprolactam	69	U	69	88.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.6	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.6	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP3	SDG No.:	BG121824
Lab Sample ID:	P5226-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BG063727.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.6	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.6	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.6	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.6	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	88.6	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.6	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	88.6	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.6	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.6	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	45.6	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.6	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.6	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	88.6	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	88.6	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	45.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.6	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.6	180	ug/Kg
1912-24-9	Atrazine	30	U	30	88.6	350	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	88.6	350	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.6	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.6	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.6	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.6	180	ug/Kg
86-74-8	Carbazole	37	U	37	88.6	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.6	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	88.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP3	SDG No.:	BG121824
Lab Sample ID:	P5226-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BG063727.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	45.6	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.6	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	88.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	45.6	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.6	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.6	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	88.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	45.6	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.6	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.6	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.686		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	12.728		20-120		32	SPK: -40
4165-62-2	Phenol-d5	15.004		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.215		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.354		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	13.989		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	16.309		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.948		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.948		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.52		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.473		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	15.857		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.141		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	17.254		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP3	SDG No.:	BG121824
Lab Sample ID:	P5226-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
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
BG063727.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.218		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	17.037		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	16.481		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.302		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133756	7.801				
1146-65-2	Naphthalene-d8	540482	10.591				
15067-26-2	Acenaphthene-d10	416614	14.446				
1517-22-2	Phenanthrene-d10	1058847	17.195				
1719-03-5	Chrysene-d12	1054493	21.443				
1520-96-3	Perylene-d12	1122803	24.458				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.803	
1000309-37-9	Oxalic acid, isobutyl tetradecyl e	88	J			21.108	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4	SDG No.:	BG121824
Lab Sample ID:	P5226-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
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
BG063728.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	94.1	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	43	J	34	94.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.1	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.5	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	94.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.1	380	ug/Kg
98-86-2	Acetophenone	75	U	75	94.1	380	ug/Kg
106-44-5	4-Methylphenol	60	U	60	94.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.5	190	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.5	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.5	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.5	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.5	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4	SDG No.:	BG121824
Lab Sample ID:	P5226-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
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
BG063728.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.5	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	94.1	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.1	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.1	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.5	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.5	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	94.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	94.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.5	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.1	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.1	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.5	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.5	190	ug/Kg
86-74-8	Carbazole	39	U	39	94.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.5	190	ug/Kg
206-44-0	Fluoranthene	22	U	22	94.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4	SDG No.:	BG121824
Lab Sample ID:	P5226-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
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
BG063728.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	94.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.5	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.059		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	14.187		20-120		35	SPK: -40
4165-62-2	Phenol-d5	15.878		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.244		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.769		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	16.022		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	18.478		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.798		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.776		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.728		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.307		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.149		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.239		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	20.45		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4	SDG No.:	BG121824
Lab Sample ID:	P5226-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
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
BG063728.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.323		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	20.424		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	19.036		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.838		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121767	7.805				
1146-65-2	Naphthalene-d8	477908	10.59				
15067-26-2	Acenaphthene-d10	375440	14.444				
1517-22-2	Phenanthrene-d10	1019247	17.194				
1719-03-5	Chrysene-d12	1039200	21.442				
1520-96-3	Perylene-d12	1093979	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.802	
1010406-39-2	Dodecyl heptyl ether	120	J			21.107	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MS	SDG No.:	BG121824
Lab Sample ID:	P5226-25MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063729.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280		31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	130	J	66	93.9	380	ug/Kg
110-86-1	Pyridine	750		88	190	380	ug/Kg
108-95-2	Phenol	890		34	93.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	830		33	93.9	380	ug/Kg
95-57-8	2-Chlorophenol	880		32	48.3	190	ug/Kg
95-48-7	2-Methylphenol	850		35	93.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840		46	93.9	380	ug/Kg
98-86-2	Acetophenone	850		75	93.9	380	ug/Kg
106-44-5	4-Methylphenol	880		60	93.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	830		90	48.3	190	ug/Kg
67-72-1	Hexachloroethane	720		69	48.3	190	ug/Kg
98-95-3	Nitrobenzene	830		73	48.3	190	ug/Kg
78-59-1	Isophorone	830		75	48.3	190	ug/Kg
88-75-5	2-Nitrophenol	930		68	48.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	750		36	48.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	860		51	48.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	920		43	48.3	190	ug/Kg
91-20-3	Naphthalene	860		27	48.3	190	ug/Kg
106-47-8	4-Chloroaniline	590		41	48.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	700		40	48.3	190	ug/Kg
105-60-2	Caprolactam	1000		73	93.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		47	48.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	880		27	48.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	880		36	48.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	J	110	93.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	940		27	48.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		38	48.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MS	SDG No.:	BG121824
Lab Sample ID:	P5226-25MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063729.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	880		30	48.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	880		38	48.3	190	ug/Kg
88-74-4	2-Nitroaniline	1000		51	48.3	190	ug/Kg
131-11-3	Dimethylphthalate	950		34	48.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		23	48.3	190	ug/Kg
208-96-8	Acenaphthylene	920		33	48.3	190	ug/Kg
99-09-2	3-Nitroaniline	1100		75	93.9	380	ug/Kg
83-32-9	Acenaphthene	920		30	48.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	430		150	93.9	380	ug/Kg
100-02-7	4-Nitrophenol	920		50	93.9	380	ug/Kg
132-64-9	Dibenzofuran	970		31	48.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		40	48.3	190	ug/Kg
84-66-2	Diethylphthalate	1000		38	48.3	190	ug/Kg
86-73-7	Fluorene	990		31	48.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	910		23	48.3	190	ug/Kg
100-01-6	4-Nitroaniline	1300		27	93.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	860		43	93.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	950		27	48.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	780		39	48.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	890		30	48.3	190	ug/Kg
118-74-1	Hexachlorobenzene	890		32	48.3	190	ug/Kg
1912-24-9	Atrazine	980		32	93.9	380	ug/Kg
87-86-5	Pentachlorophenol	720		100	93.9	380	ug/Kg
85-01-8	Phenanthrene	960		31	48.3	190	ug/Kg
608-93-5	Pentachlorobenzene	780		42	48.3	190	ug/Kg
120-12-7	Anthracene	950		28	48.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	710		19	48.3	190	ug/Kg
86-74-8	Carbazole	1100		39	93.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	1100		31	48.3	190	ug/Kg
206-44-0	Fluoranthene	930		22	93.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MS	SDG No.:	BG121824
Lab Sample ID:	P5226-25MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.07	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
BG063729.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	930		20	48.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	1100		25	48.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	800		59	93.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	880		26	48.3	190	ug/Kg
218-01-9	Chrysene	870		27	48.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		28	48.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		55	93.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	940		42	48.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	920		43	48.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	900		35	48.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920		32	48.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	950		30	48.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910		36	48.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		41	48.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.665		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	18.048		20-120		45	SPK: -40
4165-62-2	Phenol-d5	21.399		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.158		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.278		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	21.368		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.511		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.804		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.957		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.176		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.89		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	21.453		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.977		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	21.833		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MS	SDG No.:	BG121824
Lab Sample ID:	P5226-25MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063729.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.145		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	20.39		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	18.639		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.32		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113213	7.803				
1146-65-2	Naphthalene-d8	494853	10.594				
15067-26-2	Acenaphthene-d10	373833	14.443				
1517-22-2	Phenanthrene-d10	979860	17.198				
1719-03-5	Chrysene-d12	995864	21.446				
1520-96-3	Perylene-d12	1022695	24.46				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MSD	SDG No.:	BG121824
Lab Sample ID:	P5226-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.09	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
BG063730.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260		31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	130	J	66	93.8	380	ug/Kg
110-86-1	Pyridine	700		88	190	380	ug/Kg
108-95-2	Phenol	830		34	93.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	780		33	93.8	380	ug/Kg
95-57-8	2-Chlorophenol	850		32	48.3	190	ug/Kg
95-48-7	2-Methylphenol	790		35	93.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	760		45	93.8	380	ug/Kg
98-86-2	Acetophenone	770		75	93.8	380	ug/Kg
106-44-5	4-Methylphenol	820		60	93.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	770		90	48.3	190	ug/Kg
67-72-1	Hexachloroethane	680		69	48.3	190	ug/Kg
98-95-3	Nitrobenzene	800		73	48.3	190	ug/Kg
78-59-1	Isophorone	830		75	48.3	190	ug/Kg
88-75-5	2-Nitrophenol	920		68	48.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	740		36	48.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	840		51	48.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	890		43	48.3	190	ug/Kg
91-20-3	Naphthalene	830		27	48.3	190	ug/Kg
106-47-8	4-Chloroaniline	580		41	48.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	700		40	48.3	190	ug/Kg
105-60-2	Caprolactam	1100		73	93.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	950		47	48.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	860		27	48.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	860		36	48.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	J	110	93.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	870		27	48.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	930		38	48.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MSD	SDG No.:	BG121824
Lab Sample ID:	P5226-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063730.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	830		30	48.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	820		38	48.3	190	ug/Kg
88-74-4	2-Nitroaniline	940		51	48.3	190	ug/Kg
131-11-3	Dimethylphthalate	900		34	48.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	980		23	48.3	190	ug/Kg
208-96-8	Acenaphthylene	860		33	48.3	190	ug/Kg
99-09-2	3-Nitroaniline	1100		75	93.8	380	ug/Kg
83-32-9	Acenaphthene	850		30	48.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	380		150	93.8	380	ug/Kg
100-02-7	4-Nitrophenol	870		50	93.8	380	ug/Kg
132-64-9	Dibenzofuran	900		31	48.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		40	48.3	190	ug/Kg
84-66-2	Diethylphthalate	960		38	48.3	190	ug/Kg
86-73-7	Fluorene	930		31	48.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	870		23	48.3	190	ug/Kg
100-01-6	4-Nitroaniline	1200		27	93.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	800		43	93.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	890		27	48.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	730		39	48.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	840		30	48.3	190	ug/Kg
118-74-1	Hexachlorobenzene	850		32	48.3	190	ug/Kg
1912-24-9	Atrazine	900		32	93.8	380	ug/Kg
87-86-5	Pentachlorophenol	660		100	93.8	380	ug/Kg
85-01-8	Phenanthrene	900		31	48.3	190	ug/Kg
608-93-5	Pentachlorobenzene	780		42	48.3	190	ug/Kg
120-12-7	Anthracene	890		28	48.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	710		19	48.3	190	ug/Kg
86-74-8	Carbazole	1000		39	93.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	960		31	48.3	190	ug/Kg
206-44-0	Fluoranthene	890		22	93.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MSD	SDG No.:	BG121824
Lab Sample ID:	P5226-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063730.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	880		20	48.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	1000		25	48.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	750		59	93.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	840		26	48.3	190	ug/Kg
218-01-9	Chrysene	840		27	48.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		28	48.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		55	93.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	870		42	48.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	880		43	48.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	860		35	48.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870		32	48.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		30	48.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860		36	48.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960		41	48.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.416		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	16.708		20-120		42	SPK: -40
4165-62-2	Phenol-d5	20.205		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.739		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.838		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	20.018		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	21.501		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.817		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.492		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.974		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.505		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	20.26		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.475		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	20.574		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR4MSD	SDG No.:	BG121824
Lab Sample ID:	P5226-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063730.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.625		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	19.676		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	17.942		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.256		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129897	7.805				
1146-65-2	Naphthalene-d8	537519	10.59				
15067-26-2	Acenaphthene-d10	426016	14.444				
1517-22-2	Phenanthrene-d10	1090771	17.194				
1719-03-5	Chrysene-d12	1062268	21.442				
1520-96-3	Perylene-d12	1104293	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP7	SDG No.:	BG121824
Lab Sample ID:	P5226-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063731.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP7	SDG No.:	BG121824
Lab Sample ID:	P5226-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063731.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP7	SDG No.:	BG121824
Lab Sample ID:	P5226-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063731.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	91.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.9	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.556		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	11.654		20-120		29	SPK: -40
4165-62-2	Phenol-d5	13.819		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.904		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.545		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	13.614		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	14.942		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.539		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.946		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.454		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.537		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.086		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.987		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	17.288		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP7	SDG No.:	BG121824
Lab Sample ID:	P5226-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063731.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.207		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	16.806		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	16.728		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.895		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129082	7.802				
1146-65-2	Naphthalene-d8	508140	10.592				
15067-26-2	Acenaphthene-d10	408346	14.441				
1517-22-2	Phenanthrene-d10	1077337	17.196				
1719-03-5	Chrysene-d12	1095365	21.444				
1520-96-3	Perylene-d12	1168002	24.459				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	200	J			15.804	
1010406-38-1	Hexacosyl nonyl ether	90	J			21.11	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS662	SDG No.:	BG121824
Lab Sample ID:	PB165662BS	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
BG063732.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	140	J	58	82.5	330	ug/Kg
110-86-1	Pyridine	870		77	170	330	ug/Kg
108-95-2	Phenol	1000		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	910		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	960		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	900		40	82.5	330	ug/Kg
98-86-2	Acetophenone	900		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1000		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	850		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	840		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	930		64	42.5	170	ug/Kg
78-59-1	Isophorone	930		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	950		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	990		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	650		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	870		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1200		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	960		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	990		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS662	SDG No.:	BG121824
Lab Sample ID:	PB165662BS	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
BG063732.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	990		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	990		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1300		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		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	1200		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		33	42.5	170	ug/Kg
86-73-7	Fluorene	1100		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1600		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	880		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	970		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		28	42.5	170	ug/Kg
1912-24-9	Atrazine	1100		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	930		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	810		17	42.5	170	ug/Kg
86-74-8	Carbazole	1200		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1200		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS662	SDG No.:	BG121824
Lab Sample ID:	PB165662BS	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
BG063732.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1200		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	980		23	42.5	170	ug/Kg
218-01-9	Chrysene	980		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	1000		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	1000		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.274		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	26.805		20-120		67	SPK: -40
4165-62-2	Phenol-d5	29.219		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.916		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.03		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	28.606		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	31.07		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.615		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.371		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.435		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.398		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	30.15		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.516		10-150		94	SPK: -40
81103-79-9	Fluorene-d10	31.615		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS662	SDG No.:	BG121824
Lab Sample ID:	PB165662BS	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
BG063732.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.21		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	31.02		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	28.781		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.995		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118750	7.799				
1146-65-2	Naphthalene-d8	480149	10.59				
15067-26-2	Acenaphthene-d10	360915	14.444				
1517-22-2	Phenanthrene-d10	958346	17.194				
1719-03-5	Chrysene-d12	1060068	21.442				
1520-96-3	Perylene-d12	1116237	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK662	SDG No.:	BG121824
Lab Sample ID:	PB165662BL	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
BG063734.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK662	SDG No.:	BG121824
Lab Sample ID:	PB165662BL	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
BG063734.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK662	SDG No.:	BG121824
Lab Sample ID:	PB165662BL	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
BG063734.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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	5.509		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	26.533		20-120		66	SPK: -40
4165-62-2	Phenol-d5	28.208		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.239		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.363		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.384		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	29.574		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.169		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.313		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.972		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.273		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.821		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.36		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	31.718		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK662	SDG No.:	BG121824
Lab Sample ID:	PB165662BL	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
BG063734.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.536		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	30.638		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	28.447		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.715		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131445	7.802				
1146-65-2	Naphthalene-d8	505629	10.593				
15067-26-2	Acenaphthene-d10	380230	14.441				
1517-22-2	Phenanthrene-d10	1058542	17.197				
1719-03-5	Chrysene-d12	1179311	21.445				
1520-96-3	Perylene-d12	1212208	24.453				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP4	SDG No.:	BG121824
Lab Sample ID:	P5226-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BG063735.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	73	ug/Kg
100-52-7	Benzaldehyde	64	U	64	90.9	360	ug/Kg
110-86-1	Pyridine	85	U	85	180	360	ug/Kg
108-95-2	Phenol	33	U	33	90.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	90.9	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.8	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	90.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	90.9	360	ug/Kg
98-86-2	Acetophenone	73	U	73	90.9	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	90.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	46.8	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.8	190	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.8	190	ug/Kg
78-59-1	Isophorone	73	U	73	46.8	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	46.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	46.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.8	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.8	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	46.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	46.8	190	ug/Kg
105-60-2	Caprolactam	70	U	70	90.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	90.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP4	SDG No.:	BG121824
Lab Sample ID:	P5226-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063735.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	46.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.8	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	46.8	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.8	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.8	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	90.9	360	ug/Kg
83-32-9	Acenaphthene	29	U	29	46.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	90.9	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.9	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	46.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	46.8	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.8	190	ug/Kg
86-73-7	Fluorene	30	U	30	46.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.8	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	90.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	90.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	46.8	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.8	190	ug/Kg
1912-24-9	Atrazine	31	U	31	90.9	360	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	90.9	360	ug/Kg
85-01-8	Phenanthrene	30	U	30	46.8	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	46.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	46.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.8	190	ug/Kg
86-74-8	Carbazole	37	U	37	90.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	46.8	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	90.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP4	SDG No.:	BG121824
Lab Sample ID:	P5226-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BG063735.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	90.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.8	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	46.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	90.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	46.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	46.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.122		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	15.105		20-120		38	SPK: -40
4165-62-2	Phenol-d5	16.881		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.801		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.087		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.283		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	18.405		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.729		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.712		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.096		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.031		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	19.12		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.448		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	20.46		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP4	SDG No.:	BG121824
Lab Sample ID:	P5226-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
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
BG063735.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.365		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	19.788		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	18.676		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.634		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122659	7.806				
1146-65-2	Naphthalene-d8	499520	10.591				
15067-26-2	Acenaphthene-d10	386321	14.439				
1517-22-2	Phenanthrene-d10	1041543	17.195				
1719-03-5	Chrysene-d12	1064088	21.443				
1520-96-3	Perylene-d12	1120027	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			15.802	
	(DEL) Alkane: Cyclic	100	J			21.108	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP6	SDG No.:	BG121824
Lab Sample ID:	P5226-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.2
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
BG063736.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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	62	U	62	88.6	350	ug/Kg
110-86-1	Pyridine	83	U	83	180	350	ug/Kg
108-95-2	Phenol	32	U	32	88.6	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	88.6	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.6	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	88.6	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	88.6	350	ug/Kg
98-86-2	Acetophenone	71	U	71	88.6	350	ug/Kg
106-44-5	4-Methylphenol	57	U	57	88.6	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	45.6	180	ug/Kg
67-72-1	Hexachloroethane	66	U	66	45.6	180	ug/Kg
98-95-3	Nitrobenzene	69	U	69	45.6	180	ug/Kg
78-59-1	Isophorone	71	U	71	45.6	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.6	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.6	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.6	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.6	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.6	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	45.6	350	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	45.6	180	ug/Kg
105-60-2	Caprolactam	69	U	69	88.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.6	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.6	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.6	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.6	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP6	SDG No.:	BG121824
Lab Sample ID:	P5226-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.2
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
BG063736.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.6	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.6	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.6	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.6	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.6	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.6	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	88.6	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.6	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	88.6	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.6	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.6	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	45.6	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.6	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.6	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	88.6	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	88.6	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	45.6	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.6	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.6	180	ug/Kg
1912-24-9	Atrazine	30	U	30	88.6	350	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	88.6	350	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.6	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.6	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.6	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.6	180	ug/Kg
86-74-8	Carbazole	37	U	37	88.6	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.6	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	88.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP6	SDG No.:	BG121824
Lab Sample ID:	P5226-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063736.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	45.6	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.6	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	88.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	45.6	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.6	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.6	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	88.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	45.6	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.6	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.6	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.6	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.6	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.6	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.885		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	13.475		20-120		34	SPK: -40
4165-62-2	Phenol-d5	17.493		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.377		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.258		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	17.482		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	18.586		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.398		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.837		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.691		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.318		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.451		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.774		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	21.273		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP6	SDG No.:	BG121824
Lab Sample ID:	P5226-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.2
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
BG063736.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.49		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	20.252		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	19.22		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.251		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122264	7.806				
1146-65-2	Naphthalene-d8	511254	10.591				
15067-26-2	Acenaphthene-d10	395173	14.439				
1517-22-2	Phenanthrene-d10	1063461	17.195				
1719-03-5	Chrysene-d12	1113099	21.443				
1520-96-3	Perylene-d12	1178582	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	280	J			15.803	
	(DEL) Alkane: Straight-Chain	21.108	J			21.108	
E966796	Total Alkanes	85				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AN6	SDG No.:	BG121824
Lab Sample ID:	P5226-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BG063737.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99.9	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.5	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.9	400	ug/Kg
98-86-2	Acetophenone	80	U	80	99.9	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.5	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.5	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	51.5	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.5	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.5	210	ug/Kg
105-60-2	Caprolactam	78	U	78	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AN6	SDG No.:	BG121824
Lab Sample ID:	P5226-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BG063737.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.5	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.9	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.9	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.5	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.5	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.5	210	ug/Kg
1912-24-9	Atrazine	34	U	34	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.9	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.5	210	ug/Kg
86-74-8	Carbazole	41	U	41	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.5	210	ug/Kg
206-44-0	Fluoranthene	89	J	23	99.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AN6	SDG No.:	BG121824
Lab Sample ID:	P5226-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063737.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	71	J	22	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.5	210	ug/Kg
218-01-9	Chrysene	29	U	29	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	J	45	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.639		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	17.17		20-120		43	SPK: -40
4165-62-2	Phenol-d5	19.334		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.296		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.379		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	18.597		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	19.772		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.163		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.008		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.691		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.008		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	20.947		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.424		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	22.399		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AN6	SDG No.:	BG121824
Lab Sample ID:	P5226-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.7
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
BG063737.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.153		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	20.656		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	20.048		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.441		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119159	7.8				
1146-65-2	Naphthalene-d8	506609	10.591				
15067-26-2	Acenaphthene-d10	401790	14.44				
1517-22-2	Phenanthrene-d10	1098778	17.195				
1719-03-5	Chrysene-d12	1114324	21.443				
1520-96-3	Perylene-d12	1165399	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	320	J			15.803	
000638-53-9	Tridecanoic acid	92	J			18.094	
	(DEL) Alkane: Cyclic	120	J			21.108	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ7	SDG No.:	BG121824
Lab Sample ID:	P5226-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063738.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.3	84	ug/Kg
100-52-7	Benzaldehyde	73	U	73	100	420	ug/Kg
110-86-1	Pyridine	97	U	97	210	420	ug/Kg
108-95-2	Phenol	38	U	38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.6	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	420	ug/Kg
98-86-2	Acetophenone	83	U	83	100	420	ug/Kg
106-44-5	4-Methylphenol	67	U	67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	53.6	210	ug/Kg
67-72-1	Hexachloroethane	77	U	77	53.6	210	ug/Kg
98-95-3	Nitrobenzene	81	U	81	53.6	210	ug/Kg
78-59-1	Isophorone	83	U	83	53.6	210	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	53.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	53.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.6	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.6	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.6	210	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	53.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	53.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ7	SDG No.:	BG121824
Lab Sample ID:	P5226-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063738.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	53.6	210	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	53.6	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.6	210	ug/Kg
208-96-8	Acenaphthylene	37	U	37	53.6	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	420	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.6	210	ug/Kg
84-66-2	Diethylphthalate	42	U	42	53.6	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.6	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.6	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.6	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	34	U	34	53.6	210	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	53.6	210	ug/Kg
120-12-7	Anthracene	32	U	32	53.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.6	210	ug/Kg
86-74-8	Carbazole	43	U	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.6	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ7	SDG No.:	BG121824
Lab Sample ID:	P5226-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063738.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	53.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	53.6	210	ug/Kg
218-01-9	Chrysene	30	U	30	53.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	53.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	53.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	53.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.176		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	14.422		20-120		36	SPK: -40
4165-62-2	Phenol-d5	16.714		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.565		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.044		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	15.174		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	18.428		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.509		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.733		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	18		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.025		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	18.403		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.533		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	19.66		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ7	SDG No.:	BG121824
Lab Sample ID:	P5226-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063738.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.423		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	19.34		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	17.511		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.308		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126752	7.8				
1146-65-2	Naphthalene-d8	515882	10.591				
15067-26-2	Acenaphthene-d10	401914	14.439				
1517-22-2	Phenanthrene-d10	1055031	17.195				
1719-03-5	Chrysene-d12	1062964	21.443				
1520-96-3	Perylene-d12	1125213	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	260	J			15.802	
	(DEL) Alkane: Straight-Chain	21.108	J			21.108	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ8	SDG No.:	BG121824
Lab Sample ID:	P5226-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
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
BG063739.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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	95.2	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	50	J	35	95.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95.2	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.2	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95.2	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.2	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	42	U	42	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.2	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	95.2	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:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ8	SDG No.:	BG121824
Lab Sample ID:	P5226-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
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
BG063739.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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	95.2	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.2	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.2	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	95.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.2	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	95.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.2	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	95.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ8	SDG No.:	BG121824
Lab Sample ID:	P5226-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063739.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

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	95.2	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	95.2	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	42	U	42	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.573		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	18.076		20-120		45	SPK: -40
4165-62-2	Phenol-d5	20.716		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.936		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.619		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	21.742		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	21.398		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.509		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.63		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.971		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.707		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.573		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.024		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	25.763		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ8	SDG No.:	BG121824
Lab Sample ID:	P5226-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
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
BG063739.D	1	12/16/2024 12:00:00 AM	12/18/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.995		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	24.901		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	23.603		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.929		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119848	7.8				
1146-65-2	Naphthalene-d8	509561	10.591				
15067-26-2	Acenaphthene-d10	403805	14.439				
1517-22-2	Phenanthrene-d10	1098446	17.195				
1719-03-5	Chrysene-d12	1114820	21.437				
1520-96-3	Perylene-d12	1177650	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	350	J			15.802	
	(DEL) Alkane: Straight-Chain	21.108	J			21.108	
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ6	SDG No.:	BG121824
Lab Sample ID:	P5226-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
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
BG063740.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

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	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95	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	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	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:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ6	SDG No.:	BG121824
Lab Sample ID:	P5226-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063740.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

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	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95	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	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95	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	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95	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	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ6	SDG No.:	BG121824
Lab Sample ID:	P5226-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
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
BG063740.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

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	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	49	200	ug/Kg
218-01-9	Chrysene	28	U	28	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260		29	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	95	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							
7291-22-7	Pyridine-d5	15.29		20-120		38	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.111		15-120		39	SPK: -8
4165-62-2	Phenol-d5	18.395		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.647		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.37		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.171		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.515		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.623		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.356		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.45		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.722		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	19.282		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.437		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	20.142		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ6	SDG No.:	BG121824
Lab Sample ID:	P5226-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
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
BG063740.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.036		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	19.212		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	17.405		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.468		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129578	7.803				
1146-65-2	Naphthalene-d8	547828	10.594				
15067-26-2	Acenaphthene-d10	428552	14.442				
1517-22-2	Phenanthrene-d10	1111232	17.192				
1719-03-5	Chrysene-d12	1117595	21.44				
1520-96-3	Perylene-d12	1189760	24.454				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	260	J			15.799	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	140	J			21.105	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR3	SDG No.:	BG121824
Lab Sample ID:	P5226-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063741.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	100	400	ug/Kg
110-86-1	Pyridine	94	U	94	200	400	ug/Kg
108-95-2	Phenol	42	J	36	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	51.7	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	80	U	80	100	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.7	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.7	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	51.7	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.7	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	51.7	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR3	SDG No.:	BG121824
Lab Sample ID:	P5226-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063741.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.7	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	32	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	51.7	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.7	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.7	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	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.7	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.7	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.7	210	ug/Kg
86-74-8	Carbazole	41	U	41	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.7	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR3	SDG No.:	BG121824
Lab Sample ID:	P5226-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063741.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.7	210	ug/Kg
218-01-9	Chrysene	29	U	29	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.613		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	12.986		20-120		32	SPK: -40
4165-62-2	Phenol-d5	14.497		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.421		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.638		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	13.639		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	15.931		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.043		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.775		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.511		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.284		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	16.144		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.932		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	16.524		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AR3	SDG No.:	BG121824
Lab Sample ID:	P5226-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063741.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.693		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	16.612		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	13.667		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.876		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135451	7.806				
1146-65-2	Naphthalene-d8	541641	10.591				
15067-26-2	Acenaphthene-d10	419583	14.44				
1517-22-2	Phenanthrene-d10	1108470	17.19				
1719-03-5	Chrysene-d12	1173438	21.437				
1520-96-3	Perylene-d12	1237286	24.452				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	280	J			15.803	
002136-71-2	Ethanol, 2-(hexadecyloxy)-	97	J			21.108	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ5	SDG No.:	BG121824
Lab Sample ID:	P5226-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063742.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	74	ug/Kg
100-52-7	Benzaldehyde	64	U	64	91.3	370	ug/Kg
110-86-1	Pyridine	85	U	85	180	370	ug/Kg
108-95-2	Phenol	33	U	33	91.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.3	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.3	370	ug/Kg
98-86-2	Acetophenone	73	U	73	91.3	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	91.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	47	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	47	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47	190	ug/Kg
78-59-1	Isophorone	73	U	73	47	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	47	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	47	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	47	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	47	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ5	SDG No.:	BG121824
Lab Sample ID:	P5226-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063742.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.3	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.3	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.3	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47	190	ug/Kg
86-73-7	Fluorene	30	U	30	47	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.3	370	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	91.3	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47	190	ug/Kg
120-12-7	Anthracene	28	U	28	47	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	91.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ5	SDG No.:	BG121824
Lab Sample ID:	P5226-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063742.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	47	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	91.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	47	190	ug/Kg
218-01-9	Chrysene	27	U	27	47	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	47	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	47	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.337		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	16.029		20-120		40	SPK: -40
4165-62-2	Phenol-d5	18.642		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.503		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.809		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	18.072		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.324		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.526		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.217		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.532		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.19		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.392		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.727		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	21.923		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ5	SDG No.:	BG121824
Lab Sample ID:	P5226-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063742.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.605		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	21.733		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	20.474		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.92		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124781	7.803				
1146-65-2	Naphthalene-d8	512767	10.588				
15067-26-2	Acenaphthene-d10	407827	14.442				
1517-22-2	Phenanthrene-d10	1076802	17.192				
1719-03-5	Chrysene-d12	1128396	21.44				
1520-96-3	Perylene-d12	1184333	24.454				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	260	J			15.799	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ4	SDG No.:	BG121824
Lab Sample ID:	P5226-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063743.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

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	96.3	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	40	J	35	96.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.6	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.3	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.3	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.6	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.6	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.6	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.6	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.6	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.6	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.6	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ4	SDG No.:	BG121824
Lab Sample ID:	P5226-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063743.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.6	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.6	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.6	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.6	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.3	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.3	390	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.3	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.6	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.6	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.6	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.6	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.6	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.3	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.3	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	49.6	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.6	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.6	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.6	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	96.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ4	SDG No.:	BG121824
Lab Sample ID:	P5226-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063743.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.6	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.701		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	17.063		20-120		43	SPK: -40
4165-62-2	Phenol-d5	18.643		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.599		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.023		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	16.096		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	19.865		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.343		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.166		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.572		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.256		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.169		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.186		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	20.48		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AQ4	SDG No.:	BG121824
Lab Sample ID:	P5226-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063743.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.997		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	19.346		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	17.341		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.55		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122290	7.8				
1146-65-2	Naphthalene-d8	504024	10.591				
15067-26-2	Acenaphthene-d10	397565	14.44				
1517-22-2	Phenanthrene-d10	1057509	17.189				
1719-03-5	Chrysene-d12	1108017	21.437				
1520-96-3	Perylene-d12	1167951	24.452				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	460	J			15.803	
1000309-38-2	Oxalic acid, isobutyl heptadecyl e	140	J			21.108	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP5	SDG No.:	BG121824
Lab Sample ID:	P5226-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BG063744.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99.6	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	66	J	36	99.6	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.6	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.3	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	99.6	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.6	400	ug/Kg
98-86-2	Acetophenone	200	J	80	99.6	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.6	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	51.3	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.3	210	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51.3	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.3	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.3	210	ug/Kg
105-60-2	Caprolactam	77	U	77	99.6	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.6	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP5	SDG No.:	BG121824
Lab Sample ID:	P5226-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BG063744.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.3	210	ug/Kg
208-96-8	Acenaphthylene	48	J	35	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.6	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.6	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.6	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.3	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.3	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.6	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.6	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.3	210	ug/Kg
1912-24-9	Atrazine	34	U	34	99.6	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.6	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.3	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.3	210	ug/Kg
86-74-8	Carbazole	41	U	41	99.6	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.3	210	ug/Kg
206-44-0	Fluoranthene	74	J	23	99.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP5	SDG No.:	BG121824
Lab Sample ID:	P5226-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063744.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	67	J	22	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.6	400	ug/Kg
56-55-3	Benzo(a)anthracene	86	J	28	51.3	210	ug/Kg
218-01-9	Chrysene	86	J	29	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.6	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	230		45	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	98	J	46	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	37	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93	J	34	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.649		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	18.105		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.664		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.817		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	12.69		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	20.453		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.282		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.335		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.153		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.284		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.159		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.989		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	23.811		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AP5	SDG No.:	BG121824
Lab Sample ID:	P5226-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BG063744.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165662

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.492		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	22.733		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	20.429		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.03		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136939	7.8				
1146-65-2	Naphthalene-d8	560054	10.591				
15067-26-2	Acenaphthene-d10	442032	14.445				
1517-22-2	Phenanthrene-d10	1157728	17.195				
1719-03-5	Chrysene-d12	1163164	21.437				
1520-96-3	Perylene-d12	1209565	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	280	J			15.803	
1000351-74-9	Octacosyl trifluoroacetate	120	J			21.108	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK676	SDG No.:	BG121824
Lab Sample ID:	PB165676BL	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063746.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

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

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK676	SDG No.:	BG121824
Lab Sample ID:	PB165676BL	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063746.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

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

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK676	SDG No.:	BG121824
Lab Sample ID:	PB165676BL	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063746.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.589		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	32.214		20-120		81	SPK: -40
4165-62-2	Phenol-d5	31.689		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.087		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.238		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	30.799		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	33.276		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.838		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.051		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.376		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.339		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.753		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.602		10-150		89	SPK: -40
81103-79-9	Fluorene-d10	35.594		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SBLK676	SDG No.:	BG121824
Lab Sample ID:	PB165676BL	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063746.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.192		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	35.045		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	33.187		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.906		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96938	7.796				
1146-65-2	Naphthalene-d8	386459	10.587				
15067-26-2	Acenaphthene-d10	294344	14.442				
1517-22-2	Phenanthrene-d10	800961	17.191				
1719-03-5	Chrysene-d12	838711	21.439				
1520-96-3	Perylene-d12	892084	24.453				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG121824
Lab Sample ID:	P5288-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063747.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165664

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	81	U	81	19.8	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	250	990	ug/Kg
110-86-1	Pyridine	230	U	230	500	990	ug/Kg
108-95-2	Phenol	90	U	90	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	250	990	ug/Kg
95-57-8	2-Chlorophenol	84	U	84	130	510	ug/Kg
95-48-7	2-Methylphenol	93	U	93	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	250	990	ug/Kg
98-86-2	Acetophenone	200	U	200	250	990	ug/Kg
106-44-5	4-Methylphenol	160	U	160	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	240	U	240	130	510	ug/Kg
67-72-1	Hexachloroethane	180	U	180	130	510	ug/Kg
98-95-3	Nitrobenzene	190	U	190	130	510	ug/Kg
78-59-1	Isophorone	200	U	200	130	510	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	96	U	96	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	130	510	ug/Kg
91-20-3	Naphthalene	72	U	72	130	510	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	130	510	ug/Kg
105-60-2	Caprolactam	190	U	190	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	72	U	72	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	96	U	96	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99	U	99	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG121824
Lab Sample ID:	P5288-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063747.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165664

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	78	U	78	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	99	U	99	130	510	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	130	510	ug/Kg
131-11-3	Dimethylphthalate	90	U	90	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	130	510	ug/Kg
208-96-8	Acenaphthylene	87	U	87	130	510	ug/Kg
99-09-2	3-Nitroaniline	200	U	200	250	990	ug/Kg
83-32-9	Acenaphthene	78	U	78	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	390	250	990	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	990	ug/Kg
132-64-9	Dibenzofuran	81	U	81	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	130	510	ug/Kg
84-66-2	Diethylphthalate	99	U	99	130	510	ug/Kg
86-73-7	Fluorene	81	U	81	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	130	510	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	72	U	72	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78	U	78	130	510	ug/Kg
118-74-1	Hexachlorobenzene	84	U	84	130	510	ug/Kg
1912-24-9	Atrazine	84	U	84	250	990	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	250	990	ug/Kg
85-01-8	Phenanthrene	81	U	81	130	510	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	510	ug/Kg
120-12-7	Anthracene	75	U	75	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	51	U	51	130	510	ug/Kg
86-74-8	Carbazole	100	U	100	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	130	510	ug/Kg
206-44-0	Fluoranthene	57	U	57	250	510	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG121824
Lab Sample ID:	P5288-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063747.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165664

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	66	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	69	U	69	130	510	ug/Kg
218-01-9	Chrysene	72	U	72	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	75	U	75	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	U	84	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	78	U	78	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96	U	96	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG121824
Lab Sample ID:	P5288-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063747.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165664

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85945	7.8				
1146-65-2	Naphthalene-d8	341897	10.591				
15067-26-2	Acenaphthene-d10	278695	14.439				
1517-22-2	Phenanthrene-d10	763382	17.195				
1719-03-5	Chrysene-d12	777954	21.437				
1520-96-3	Perylene-d12	838756	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	78	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLEB642	SDG No.:	BG121824
Lab Sample ID:	PB165642TB	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			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
BG063748.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	5	20	ug/L
100-52-7	Benzaldehyde	23	U	23	50	100	ug/L
110-86-1	Pyridine	22	U	22	100	100	ug/L
108-95-2	Phenol	15	U	15	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	13	U	13	50	100	ug/L
95-57-8	2-Chlorophenol	12	U	12	25	50	ug/L
95-48-7	2-Methylphenol	8.2	U	8.2	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12	U	12	50	100	ug/L
98-86-2	Acetophenone	8.9	U	8.9	50	100	ug/L
106-44-5	4-Methylphenol	12	U	12	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	15	U	15	25	50	ug/L
67-72-1	Hexachloroethane	15	U	15	25	50	ug/L
98-95-3	Nitrobenzene	9.9	U	9.9	25	50	ug/L
78-59-1	Isophorone	11	U	11	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	11	U	11	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	12	U	12	25	50	ug/L
120-83-2	2,4-Dichlorophenol	9.3	U	9.3	25	50	ug/L
91-20-3	Naphthalene	7	U	7	25	50	ug/L
106-47-8	4-Chloroaniline	18	U	18	25	100	ug/L
87-68-3	Hexachlorobutadiene	9.8	U	9.8	25	50	ug/L
105-60-2	Caprolactam	29	U	29	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	20	U	20	25	50	ug/L
90-12-0	1-Methylnaphthalene	10	U	10	25	50	ug/L
91-57-6	2-Methylnaphthalene	16	U	16	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.1	U	8.1	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLEB642	SDG No.:	BG121824
Lab Sample ID:	PB165642TB	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063748.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	9.9	U	9.9	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	17	U	17	25	50	ug/L
131-11-3	Dimethylphthalate	13	U	13	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25	50	ug/L
208-96-8	Acenaphthylene	11	U	11	25	50	ug/L
99-09-2	3-Nitroaniline	15	U	15	50	100	ug/L
83-32-9	Acenaphthene	11	U	11	25	50	ug/L
51-28-5	2,4-Dinitrophenol	28	U	28	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	8.7	U	8.7	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	11	U	11	25	50	ug/L
84-66-2	Diethylphthalate	8.7	U	8.7	25	50	ug/L
86-73-7	Fluorene	8.7	U	8.7	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.6	U	9.6	25	50	ug/L
100-01-6	4-Nitroaniline	12	U	12	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	7.1	U	7.1	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9	U	9	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	14	U	14	25	50	ug/L
118-74-1	Hexachlorobenzene	5.6	U	5.6	25	50	ug/L
1912-24-9	Atrazine	9.6	U	9.6	50	100	ug/L
87-86-5	Pentachlorophenol	25	U	25	50	100	ug/L
85-01-8	Phenanthrene	9.7	U	9.7	25	50	ug/L
608-93-5	Pentachlorobenzene	12	U	12	25	50	ug/L
120-12-7	Anthracene	7.2	U	7.2	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	9.2	U	9.2	25	50	ug/L
86-74-8	Carbazole	10	U	10	50	100	ug/L
84-74-2	Di-n-butylphthalate	8.1	U	8.1	25	50	ug/L
206-44-0	Fluoranthene	6.5	U	6.5	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLEB642	SDG No.:	BG121824
Lab Sample ID:	PB165642TB	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063748.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5.3	U	5.3	25	50	ug/L
85-68-7	Butylbenzylphthalate	9.7	U	9.7	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	17	U	17	50	100	ug/L
56-55-3	Benzo(a)anthracene	5.6	U	5.6	25	50	ug/L
218-01-9	Chrysene	7.5	U	7.5	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	8.7	U	8.7	25	50	ug/L
117-84-0	Di-n-octyl phthalate	15	U	15	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	11	U	11	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	11	U	11	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	12	U	12	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11	U	11	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	69.18		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	355.18		20-120		88	SPK: -40
4165-62-2	Phenol-d5	374.42		10-130		93	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	334.97		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	380.41		20-130		95	SPK: -40
190780-66-6	4-Methylphenol-d8	357		25-125		89	SPK: -40
4165-60-0	Nitrobenzene-d5	393.49		20-125		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	396.52		20-130		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	379.26		20-120		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	381.72		1-146		95	SPK: -40
85448-30-2	Dimethylphthalate-d6	384.48		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	393.48		10-130		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	403.72		10-150		100	SPK: -40
81103-79-9	Fluorene-d10	427.03		25-125		106	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLEB642	SDG No.:	BG121824
Lab Sample ID:	PB165642TB	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063748.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	257.01		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	414.3		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	393.9		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	397.72		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96791	7.8				
1146-65-2	Naphthalene-d8	367598	10.591				
15067-26-2	Acenaphthene-d10	284786	14.44				
1517-22-2	Phenanthrene-d10	772278	17.189				
1719-03-5	Chrysene-d12	801368	21.437				
1520-96-3	Perylene-d12	857934	24.446				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AX5	SDG No.:	BG121824
Lab Sample ID:	P5235-13	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063749.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	5	20	ug/L
100-52-7	Benzaldehyde	23	U	23	50	100	ug/L
110-86-1	Pyridine	22	U	22	100	100	ug/L
108-95-2	Phenol	15	U	15	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	13	U	13	50	100	ug/L
95-57-8	2-Chlorophenol	12	U	12	25	50	ug/L
95-48-7	2-Methylphenol	8.2	U	8.2	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12	U	12	50	100	ug/L
98-86-2	Acetophenone	8.9	U	8.9	50	100	ug/L
106-44-5	4-Methylphenol	12	U	12	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	15	U	15	25	50	ug/L
67-72-1	Hexachloroethane	15	U	15	25	50	ug/L
98-95-3	Nitrobenzene	9.9	U	9.9	25	50	ug/L
78-59-1	Isophorone	11	U	11	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	11	U	11	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	12	U	12	25	50	ug/L
120-83-2	2,4-Dichlorophenol	9.3	U	9.3	25	50	ug/L
91-20-3	Naphthalene	7	U	7	25	50	ug/L
106-47-8	4-Chloroaniline	18	U	18	25	100	ug/L
87-68-3	Hexachlorobutadiene	9.8	U	9.8	25	50	ug/L
105-60-2	Caprolactam	29	U	29	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	20	U	20	25	50	ug/L
90-12-0	1-Methylnaphthalene	10	U	10	25	50	ug/L
91-57-6	2-Methylnaphthalene	16	U	16	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.1	U	8.1	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AX5	SDG No.:	BG121824
Lab Sample ID:	P5235-13	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063749.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	9.9	U	9.9	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	17	U	17	25	50	ug/L
131-11-3	Dimethylphthalate	13	U	13	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25	50	ug/L
208-96-8	Acenaphthylene	11	U	11	25	50	ug/L
99-09-2	3-Nitroaniline	15	U	15	50	100	ug/L
83-32-9	Acenaphthene	11	U	11	25	50	ug/L
51-28-5	2,4-Dinitrophenol	28	U	28	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	8.7	U	8.7	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	11	U	11	25	50	ug/L
84-66-2	Diethylphthalate	8.7	U	8.7	25	50	ug/L
86-73-7	Fluorene	8.7	U	8.7	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.6	U	9.6	25	50	ug/L
100-01-6	4-Nitroaniline	12	U	12	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	7.1	U	7.1	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9	U	9	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	14	U	14	25	50	ug/L
118-74-1	Hexachlorobenzene	5.6	U	5.6	25	50	ug/L
1912-24-9	Atrazine	9.6	U	9.6	50	100	ug/L
87-86-5	Pentachlorophenol	25	U	25	50	100	ug/L
85-01-8	Phenanthrene	9.7	U	9.7	25	50	ug/L
608-93-5	Pentachlorobenzene	12	U	12	25	50	ug/L
120-12-7	Anthracene	7.2	U	7.2	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	9.2	U	9.2	25	50	ug/L
86-74-8	Carbazole	10	U	10	50	100	ug/L
84-74-2	Di-n-butylphthalate	8.1	U	8.1	25	50	ug/L
206-44-0	Fluoranthene	6.5	U	6.5	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AX5	SDG No.:	BG121824
Lab Sample ID:	P5235-13	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BG063749.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5.3	U	5.3	25	50	ug/L
85-68-7	Butylbenzylphthalate	9.7	U	9.7	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	17	U	17	50	100	ug/L
56-55-3	Benzo(a)anthracene	5.6	U	5.6	25	50	ug/L
218-01-9	Chrysene	7.5	U	7.5	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	8.7	U	8.7	25	50	ug/L
117-84-0	Di-n-octyl phthalate	15	U	15	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	11	U	11	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	11	U	11	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	12	U	12	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11	U	11	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	25	50	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	34.8	*	20-120		8	SPK: -40
17647-74-4	1,4-Dioxane-d8	52.44		15-120		65	SPK: -8
4165-62-2	Phenol-d5	103.28		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	370.6		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	342.6		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	242.59		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	422.61		20-125		105	SPK: -40
93951-78-1	2-Nitrophenol-d4	441.82		20-130		110	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	391.07		20-120		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	90.95		1-146		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	416.37		25-130		104	SPK: -40
93951-97-4	Acenaphthylene-d8	418.09		10-130		104	SPK: -40
93951-79-2	4-Nitrophenol-d4	95.27		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	461.25		25-125		115	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	C0AX5	SDG No.:	BG121824
Lab Sample ID:	P5235-13	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063749.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	337.81		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	453.25		25-130		113	SPK: -40
1718-52-1	Pyrene-d10	430.98		15-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	446.74		20-130		111	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95684	7.8				
1146-65-2	Naphthalene-d8	400322	10.59				
15067-26-2	Acenaphthene-d10	308789	14.439				
1517-22-2	Phenanthrene-d10	823879	17.189				
1719-03-5	Chrysene-d12	856515	21.436				
1520-96-3	Perylene-d12	906989	24.445				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AX6	SDG No.:	BG121824
Lab Sample ID:	P5235-14	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063750.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	5	20	ug/L
100-52-7	Benzaldehyde	23	U	23	50	100	ug/L
110-86-1	Pyridine	22	U	22	100	100	ug/L
108-95-2	Phenol	15	U	15	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	13	U	13	50	100	ug/L
95-57-8	2-Chlorophenol	12	U	12	25	50	ug/L
95-48-7	2-Methylphenol	8.2	U	8.2	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12	U	12	50	100	ug/L
98-86-2	Acetophenone	8.9	U	8.9	50	100	ug/L
106-44-5	4-Methylphenol	12	U	12	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	15	U	15	25	50	ug/L
67-72-1	Hexachloroethane	15	U	15	25	50	ug/L
98-95-3	Nitrobenzene	9.9	U	9.9	25	50	ug/L
78-59-1	Isophorone	11	U	11	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	11	U	11	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	12	U	12	25	50	ug/L
120-83-2	2,4-Dichlorophenol	9.3	U	9.3	25	50	ug/L
91-20-3	Naphthalene	7	U	7	25	50	ug/L
106-47-8	4-Chloroaniline	18	U	18	25	100	ug/L
87-68-3	Hexachlorobutadiene	9.8	U	9.8	25	50	ug/L
105-60-2	Caprolactam	29	U	29	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	20	U	20	25	50	ug/L
90-12-0	1-Methylnaphthalene	10	U	10	25	50	ug/L
91-57-6	2-Methylnaphthalene	16	U	16	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.1	U	8.1	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AX6	SDG No.:	BG121824
Lab Sample ID:	P5235-14	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063750.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	9.9	U	9.9	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	17	U	17	25	50	ug/L
131-11-3	Dimethylphthalate	13	U	13	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25	50	ug/L
208-96-8	Acenaphthylene	11	U	11	25	50	ug/L
99-09-2	3-Nitroaniline	15	U	15	50	100	ug/L
83-32-9	Acenaphthene	11	U	11	25	50	ug/L
51-28-5	2,4-Dinitrophenol	28	U	28	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	8.7	U	8.7	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	11	U	11	25	50	ug/L
84-66-2	Diethylphthalate	8.7	U	8.7	25	50	ug/L
86-73-7	Fluorene	8.7	U	8.7	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.6	U	9.6	25	50	ug/L
100-01-6	4-Nitroaniline	12	U	12	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	7.1	U	7.1	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9	U	9	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	14	U	14	25	50	ug/L
118-74-1	Hexachlorobenzene	5.6	U	5.6	25	50	ug/L
1912-24-9	Atrazine	9.6	U	9.6	50	100	ug/L
87-86-5	Pentachlorophenol	25	U	25	50	100	ug/L
85-01-8	Phenanthrene	9.7	U	9.7	25	50	ug/L
608-93-5	Pentachlorobenzene	12	U	12	25	50	ug/L
120-12-7	Anthracene	7.2	U	7.2	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	9.2	U	9.2	25	50	ug/L
86-74-8	Carbazole	10	U	10	50	100	ug/L
84-74-2	Di-n-butylphthalate	8.1	U	8.1	25	50	ug/L
206-44-0	Fluoranthene	6.5	U	6.5	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AX6	SDG No.:	BG121824
Lab Sample ID:	P5235-14	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			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
BG063750.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5.3	U	5.3	25	50	ug/L
85-68-7	Butylbenzylphthalate	9.7	U	9.7	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	17	U	17	50	100	ug/L
56-55-3	Benzo(a)anthracene	5.6	U	5.6	25	50	ug/L
218-01-9	Chrysene	7.5	U	7.5	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	8.7	U	8.7	25	50	ug/L
117-84-0	Di-n-octyl phthalate	15	U	15	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	11	U	11	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	11	U	11	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	12	U	12	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11	U	11	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	56.75		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	118		20-120		29	SPK: -40
4165-62-2	Phenol-d5	112.78		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	388.42		25-120		97	SPK: -40
93951-73-6	2-Chlorophenol-d4	367.87		20-130		92	SPK: -40
190780-66-6	4-Methylphenol-d8	264.97		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	431.6		20-125		107	SPK: -40
93951-78-1	2-Nitrophenol-d4	451.98		20-130		113	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	436.21		20-120		109	SPK: -40
191656-33-4	4-Chloroaniline-d4	278.43		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	487.66		25-130		121	SPK: -40
93951-97-4	Acenaphthylene-d8	481.54		10-130		120	SPK: -40
93951-79-2	4-Nitrophenol-d4	135.54		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	533.4	*	25-125		133	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	C0AX6	SDG No.:	BG121824
Lab Sample ID:	P5235-14	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063750.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	438.68		10-130		109	SPK: -40
1719-06-8	Anthracene-d10	527.81	*	25-130		132	SPK: -40
1718-52-1	Pyrene-d10	516.59		15-130		129	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	523.25	*	20-130		130	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85972	7.799				
1146-65-2	Naphthalene-d8	363143	10.59				
15067-26-2	Acenaphthene-d10	280079	14.438				
1517-22-2	Phenanthrene-d10	735596	17.188				
1719-03-5	Chrysene-d12	748086	21.436				
1520-96-3	Perylene-d12	794795	24.444				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	22	J			4.891	
000119-61-9	Benzophenone	32	J			15.802	
E966796	Total Alkanes	9.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	C0AS9	SDG No.:	BG121824
Lab Sample ID:	P5235-16	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BG063751.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	5	20	ug/L
100-52-7	Benzaldehyde	23	U	23	50	100	ug/L
110-86-1	Pyridine	22	U	22	100	100	ug/L
108-95-2	Phenol	15	U	15	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	13	U	13	50	100	ug/L
95-57-8	2-Chlorophenol	12	U	12	25	50	ug/L
95-48-7	2-Methylphenol	8.2	U	8.2	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12	U	12	50	100	ug/L
98-86-2	Acetophenone	8.9	U	8.9	50	100	ug/L
106-44-5	4-Methylphenol	12	U	12	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	15	U	15	25	50	ug/L
67-72-1	Hexachloroethane	15	U	15	25	50	ug/L
98-95-3	Nitrobenzene	9.9	U	9.9	25	50	ug/L
78-59-1	Isophorone	11	U	11	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	11	U	11	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	12	U	12	25	50	ug/L
120-83-2	2,4-Dichlorophenol	9.3	U	9.3	25	50	ug/L
91-20-3	Naphthalene	7	U	7	25	50	ug/L
106-47-8	4-Chloroaniline	18	U	18	25	100	ug/L
87-68-3	Hexachlorobutadiene	9.8	U	9.8	25	50	ug/L
105-60-2	Caprolactam	29	U	29	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	20	U	20	25	50	ug/L
90-12-0	1-Methylnaphthalene	10	U	10	25	50	ug/L
91-57-6	2-Methylnaphthalene	16	U	16	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.1	U	8.1	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	C0AS9	SDG No.:	BG121824
Lab Sample ID:	P5235-16	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063751.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	9.9	U	9.9	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	17	U	17	25	50	ug/L
131-11-3	Dimethylphthalate	13	U	13	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25	50	ug/L
208-96-8	Acenaphthylene	11	U	11	25	50	ug/L
99-09-2	3-Nitroaniline	15	U	15	50	100	ug/L
83-32-9	Acenaphthene	11	U	11	25	50	ug/L
51-28-5	2,4-Dinitrophenol	28	U	28	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	8.7	U	8.7	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	11	U	11	25	50	ug/L
84-66-2	Diethylphthalate	8.7	U	8.7	25	50	ug/L
86-73-7	Fluorene	8.7	U	8.7	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.6	U	9.6	25	50	ug/L
100-01-6	4-Nitroaniline	12	U	12	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	7.1	U	7.1	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9	U	9	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	14	U	14	25	50	ug/L
118-74-1	Hexachlorobenzene	5.6	U	5.6	25	50	ug/L
1912-24-9	Atrazine	9.6	U	9.6	50	100	ug/L
87-86-5	Pentachlorophenol	25	U	25	50	100	ug/L
85-01-8	Phenanthrene	9.7	U	9.7	25	50	ug/L
608-93-5	Pentachlorobenzene	12	U	12	25	50	ug/L
120-12-7	Anthracene	7.2	U	7.2	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	9.2	U	9.2	25	50	ug/L
86-74-8	Carbazole	10	U	10	50	100	ug/L
84-74-2	Di-n-butylphthalate	8.1	U	8.1	25	50	ug/L
206-44-0	Fluoranthene	6.5	U	6.5	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	C0AS9	SDG No.:	BG121824
Lab Sample ID:	P5235-16	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			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
BG063751.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5.3	U	5.3	25	50	ug/L
85-68-7	Butylbenzylphthalate	9.7	U	9.7	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	17	U	17	50	100	ug/L
56-55-3	Benzo(a)anthracene	5.6	U	5.6	25	50	ug/L
218-01-9	Chrysene	7.5	U	7.5	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	8.7	U	8.7	25	50	ug/L
117-84-0	Di-n-octyl phthalate	15	U	15	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	11	U	11	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	11	U	11	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	12	U	12	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11	U	11	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	54.27		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	92.78		20-120		23	SPK: -40
4165-62-2	Phenol-d5	107.77		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	346.56		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	346.91		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	249.99		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	393.28		20-125		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	405.17		20-130		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	417.1		20-120		104	SPK: -40
191656-33-4	4-Chloroaniline-d4	358.46		1-146		89	SPK: -40
85448-30-2	Dimethylphthalate-d6	431.37		25-130		107	SPK: -40
93951-97-4	Acenaphthylene-d8	422.75		10-130		105	SPK: -40
93951-79-2	4-Nitrophenol-d4	127.82		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	458.93		25-125		114	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	C0AS9	SDG No.:	BG121824
Lab Sample ID:	P5235-16	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063751.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	397.78		10-130		99	SPK: -40
1719-06-8	Anthracene-d10	472.55		25-130		118	SPK: -40
1718-52-1	Pyrene-d10	456.8		15-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	467.44		20-130		116	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90354	7.8				
1146-65-2	Naphthalene-d8	364530	10.59				
15067-26-2	Acenaphthene-d10	296900	14.439				
1517-22-2	Phenanthrene-d10	777795	17.189				
1719-03-5	Chrysene-d12	810397	21.437				
1520-96-3	Perylene-d12	848624	24.445				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-11-9	Isopropyl butyrate	35	J			4.891	
000119-61-9	Benzophenone	63	J			15.802	
E966796	Total Alkanes	9.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	C0AT4	SDG No.:	BG121824
Lab Sample ID:	P5235-17	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063752.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	5	20	ug/L
100-52-7	Benzaldehyde	23	U	23	50	100	ug/L
110-86-1	Pyridine	22	U	22	100	100	ug/L
108-95-2	Phenol	15	U	15	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	13	U	13	50	100	ug/L
95-57-8	2-Chlorophenol	12	U	12	25	50	ug/L
95-48-7	2-Methylphenol	8.2	U	8.2	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12	U	12	50	100	ug/L
98-86-2	Acetophenone	8.9	U	8.9	50	100	ug/L
106-44-5	4-Methylphenol	12	U	12	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	15	U	15	25	50	ug/L
67-72-1	Hexachloroethane	15	U	15	25	50	ug/L
98-95-3	Nitrobenzene	9.9	U	9.9	25	50	ug/L
78-59-1	Isophorone	11	U	11	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	11	U	11	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	12	U	12	25	50	ug/L
120-83-2	2,4-Dichlorophenol	9.3	U	9.3	25	50	ug/L
91-20-3	Naphthalene	7	U	7	25	50	ug/L
106-47-8	4-Chloroaniline	18	U	18	25	100	ug/L
87-68-3	Hexachlorobutadiene	9.8	U	9.8	25	50	ug/L
105-60-2	Caprolactam	29	U	29	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	20	U	20	25	50	ug/L
90-12-0	1-Methylnaphthalene	10	U	10	25	50	ug/L
91-57-6	2-Methylnaphthalene	16	U	16	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.1	U	8.1	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	C0AT4	SDG No.:	BG121824
Lab Sample ID:	P5235-17	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BG063752.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	9.9	U	9.9	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	17	U	17	25	50	ug/L
131-11-3	Dimethylphthalate	13	U	13	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25	50	ug/L
208-96-8	Acenaphthylene	11	U	11	25	50	ug/L
99-09-2	3-Nitroaniline	15	U	15	50	100	ug/L
83-32-9	Acenaphthene	11	U	11	25	50	ug/L
51-28-5	2,4-Dinitrophenol	28	U	28	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	8.7	U	8.7	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	11	U	11	25	50	ug/L
84-66-2	Diethylphthalate	8.7	U	8.7	25	50	ug/L
86-73-7	Fluorene	8.7	U	8.7	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.6	U	9.6	25	50	ug/L
100-01-6	4-Nitroaniline	12	U	12	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	7.1	U	7.1	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9	U	9	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	14	U	14	25	50	ug/L
118-74-1	Hexachlorobenzene	5.6	U	5.6	25	50	ug/L
1912-24-9	Atrazine	9.6	U	9.6	50	100	ug/L
87-86-5	Pentachlorophenol	25	U	25	50	100	ug/L
85-01-8	Phenanthrene	9.7	U	9.7	25	50	ug/L
608-93-5	Pentachlorobenzene	12	U	12	25	50	ug/L
120-12-7	Anthracene	7.2	U	7.2	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	9.2	U	9.2	25	50	ug/L
86-74-8	Carbazole	10	U	10	50	100	ug/L
84-74-2	Di-n-butylphthalate	8.1	U	8.1	25	50	ug/L
206-44-0	Fluoranthene	6.5	U	6.5	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	C0AT4	SDG No.:	BG121824
Lab Sample ID:	P5235-17	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			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
BG063752.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5.3	U	5.3	25	50	ug/L
85-68-7	Butylbenzylphthalate	9.7	U	9.7	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	17	U	17	50	100	ug/L
56-55-3	Benzo(a)anthracene	5.6	U	5.6	25	50	ug/L
218-01-9	Chrysene	7.5	U	7.5	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	8.7	U	8.7	25	50	ug/L
117-84-0	Di-n-octyl phthalate	15	U	15	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	11	U	11	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	11	U	11	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	12	U	12	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11	U	11	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	55.54		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	138.78		20-120		34	SPK: -40
4165-62-2	Phenol-d5	111.63		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	402.42		25-120		100	SPK: -40
93951-73-6	2-Chlorophenol-d4	366.8		20-130		91	SPK: -40
190780-66-6	4-Methylphenol-d8	251.17		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	445.27		20-125		111	SPK: -40
93951-78-1	2-Nitrophenol-d4	453.35		20-130		113	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	455.14		20-120		113	SPK: -40
191656-33-4	4-Chloroaniline-d4	329.35		1-146		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	474.56		25-130		118	SPK: -40
93951-97-4	Acenaphthylene-d8	476.57		10-130		119	SPK: -40
93951-79-2	4-Nitrophenol-d4	124.49		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	516.57	*	25-125		129	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	C0AT4	SDG No.:	BG121824
Lab Sample ID:	P5235-17	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063752.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	404.29		10-130		101	SPK: -40
1719-06-8	Anthracene-d10	486.36		25-130		121	SPK: -40
1718-52-1	Pyrene-d10	471.25		15-130		117	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	469.11		20-130		117	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97539	7.802				
1146-65-2	Naphthalene-d8	403933	10.587				
15067-26-2	Acenaphthene-d10	307757	14.442				
1517-22-2	Phenanthrene-d10	837597	17.191				
1719-03-5	Chrysene-d12	844419	21.439				
1520-96-3	Perylene-d12	895241	24.448				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	C0AT9	SDG No.:	BG121824
Lab Sample ID:	P5235-18	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063753.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	5	20	ug/L
100-52-7	Benzaldehyde	23	U	23	50	100	ug/L
110-86-1	Pyridine	22	U	22	100	100	ug/L
108-95-2	Phenol	15	U	15	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	13	U	13	50	100	ug/L
95-57-8	2-Chlorophenol	12	U	12	25	50	ug/L
95-48-7	2-Methylphenol	8.2	U	8.2	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12	U	12	50	100	ug/L
98-86-2	Acetophenone	8.9	U	8.9	50	100	ug/L
106-44-5	4-Methylphenol	12	U	12	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	15	U	15	25	50	ug/L
67-72-1	Hexachloroethane	15	U	15	25	50	ug/L
98-95-3	Nitrobenzene	9.9	U	9.9	25	50	ug/L
78-59-1	Isophorone	11	U	11	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	11	U	11	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	12	U	12	25	50	ug/L
120-83-2	2,4-Dichlorophenol	9.3	U	9.3	25	50	ug/L
91-20-3	Naphthalene	7	U	7	25	50	ug/L
106-47-8	4-Chloroaniline	18	U	18	25	100	ug/L
87-68-3	Hexachlorobutadiene	9.8	U	9.8	25	50	ug/L
105-60-2	Caprolactam	29	U	29	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	20	U	20	25	50	ug/L
90-12-0	1-Methylnaphthalene	10	U	10	25	50	ug/L
91-57-6	2-Methylnaphthalene	16	U	16	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.1	U	8.1	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	8	U	8	25	50	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	C0AT9	SDG No.:	BG121824
Lab Sample ID:	P5235-18	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063753.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	9.9	U	9.9	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	17	U	17	25	50	ug/L
131-11-3	Dimethylphthalate	13	U	13	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25	50	ug/L
208-96-8	Acenaphthylene	11	U	11	25	50	ug/L
99-09-2	3-Nitroaniline	15	U	15	50	100	ug/L
83-32-9	Acenaphthene	11	U	11	25	50	ug/L
51-28-5	2,4-Dinitrophenol	28	U	28	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	8.7	U	8.7	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	11	U	11	25	50	ug/L
84-66-2	Diethylphthalate	8.7	U	8.7	25	50	ug/L
86-73-7	Fluorene	8.7	U	8.7	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.6	U	9.6	25	50	ug/L
100-01-6	4-Nitroaniline	12	U	12	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12	U	12	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	7.1	U	7.1	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9	U	9	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	14	U	14	25	50	ug/L
118-74-1	Hexachlorobenzene	5.6	U	5.6	25	50	ug/L
1912-24-9	Atrazine	9.6	U	9.6	50	100	ug/L
87-86-5	Pentachlorophenol	25	U	25	50	100	ug/L
85-01-8	Phenanthrene	9.7	U	9.7	25	50	ug/L
608-93-5	Pentachlorobenzene	12	U	12	25	50	ug/L
120-12-7	Anthracene	7.2	U	7.2	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	9.2	U	9.2	25	50	ug/L
86-74-8	Carbazole	10	U	10	50	100	ug/L
84-74-2	Di-n-butylphthalate	8.1	U	8.1	25	50	ug/L
206-44-0	Fluoranthene	6.5	U	6.5	50	50	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	C0AT9	SDG No.:	BG121824
Lab Sample ID:	P5235-18	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			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
BG063753.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5.3	U	5.3	25	50	ug/L
85-68-7	Butylbenzylphthalate	9.7	U	9.7	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	17	U	17	50	100	ug/L
56-55-3	Benzo(a)anthracene	5.6	U	5.6	25	50	ug/L
218-01-9	Chrysene	7.5	U	7.5	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	8.7	U	8.7	25	50	ug/L
117-84-0	Di-n-octyl phthalate	15	U	15	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	11	U	11	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	11	U	11	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	12	U	12	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11	U	11	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	55.49		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	79.95		20-120		20	SPK: -40
4165-62-2	Phenol-d5	94.74		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	402.02		25-120		100	SPK: -40
93951-73-6	2-Chlorophenol-d4	355.62		20-130		88	SPK: -40
190780-66-6	4-Methylphenol-d8	227.4		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	460.65		20-125		115	SPK: -40
93951-78-1	2-Nitrophenol-d4	467.29		20-130		116	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	435.46		20-120		108	SPK: -40
191656-33-4	4-Chloroaniline-d4	346.19		1-146		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	472.81		25-130		118	SPK: -40
93951-97-4	Acenaphthylene-d8	469.85		10-130		117	SPK: -40
93951-79-2	4-Nitrophenol-d4	105.8		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	509.4	*	25-125		127	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	C0AT9	SDG No.:	BG121824
Lab Sample ID:	P5235-18	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063753.D	10	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	413.19		10-130		103	SPK: -40
1719-06-8	Anthracene-d10	502.11		25-130		125	SPK: -40
1718-52-1	Pyrene-d10	484.44		15-130		121	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	514.24		20-130		128	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98106	7.802				
1146-65-2	Naphthalene-d8	386275	10.587				
15067-26-2	Acenaphthene-d10	290649	14.441				
1517-22-2	Phenanthrene-d10	784389	17.191				
1719-03-5	Chrysene-d12	809570	21.439				
1520-96-3	Perylene-d12	837823	24.447				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	9.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS676	SDG No.:	BG121824
Lab Sample ID:	PB165676BS	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063754.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	4.7	J	2.3	5	10	ug/L
110-86-1	Pyridine	32		2.2	10	10	ug/L
108-95-2	Phenol	36		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	38		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	34		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	32		1.2	5	10	ug/L
98-86-2	Acetophenone	31		0.89	5	10	ug/L
106-44-5	4-Methylphenol	36		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	31		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	34		0.99	2.5	5	ug/L
78-59-1	Isophorone	33		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	39		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	37		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	34		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	40		0.93	2.5	5	ug/L
91-20-3	Naphthalene	35		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	23		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	32		0.98	2.5	5	ug/L
105-60-2	Caprolactam	39		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	37		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	35		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	35		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	16		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	37		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	39		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS676	SDG No.:	BG121824
Lab Sample ID:	PB165676BS	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063754.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	34		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	39		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	39		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	35		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	44		1.5	5	10	ug/L
83-32-9	Acenaphthene	35		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	36		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	36		1.4	5	10	ug/L
132-64-9	Dibenzofuran	37		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	41		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	38		0.87	2.5	5	ug/L
86-73-7	Fluorene	38		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	36		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	53		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	36		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	35		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		0.56	2.5	5	ug/L
1912-24-9	Atrazine	37		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	38		2.5	5	10	ug/L
85-01-8	Phenanthrene	38		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.2	2.5	5	ug/L
120-12-7	Anthracene	38		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		0.92	2.5	5	ug/L
86-74-8	Carbazole	43		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	41		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	35		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS676	SDG No.:	BG121824
Lab Sample ID:	PB165676BS	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063754.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	41		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	35		0.56	2.5	5	ug/L
218-01-9	Chrysene	35		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	44		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	36		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	37		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	36		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	37		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	38		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	36		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	41		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.26		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	32.243		20-120		81	SPK: -40
4165-62-2	Phenol-d5	35.691		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.327		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.204		20-130		91	SPK: -40
190780-66-6	4-Methylphenol-d8	34.352		25-125		86	SPK: -40
4165-60-0	Nitrobenzene-d5	37.088		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.574		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.92		20-120		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.189		1-146		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.202		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	35.034		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	42.985		10-150		107	SPK: -40
81103-79-9	Fluorene-d10	37.688		25-125		94	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	SLCS676	SDG No.:	BG121824
Lab Sample ID:	PB165676BS	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063754.D	1	12/16/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165676

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.326		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	36.489		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	34.437		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.905		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98297	7.8				
1146-65-2	Naphthalene-d8	387922	10.591				
15067-26-2	Acenaphthene-d10	300923	14.439				
1517-22-2	Phenanthrene-d10	797365	17.189				
1719-03-5	Chrysene-d12	893598	21.443				
1520-96-3	Perylene-d12	945026	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK762	SDG No.:	BG121824
Lab Sample ID:	PB165762BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063756.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

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

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK762	SDG No.:	BG121824
Lab Sample ID:	PB165762BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063756.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

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

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK762	SDG No.:	BG121824
Lab Sample ID:	PB165762BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063756.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.692		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	29.167		20-120		73	SPK: -40
4165-62-2	Phenol-d5	27.999		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.239		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.752		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	26.977		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	29.806		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.284		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.674		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.577		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.626		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.773		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.173		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	33.024		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK762	SDG No.:	BG121824
Lab Sample ID:	PB165762BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063756.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.386		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	31.779		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	30.117		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.398		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123523	7.795				
1146-65-2	Naphthalene-d8	478431	10.586				
15067-26-2	Acenaphthene-d10	354125	14.44				
1517-22-2	Phenanthrene-d10	982033	17.19				
1719-03-5	Chrysene-d12	1049657	21.438				
1520-96-3	Perylene-d12	1105260	24.452				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK4	SDG No.:	BG121824
Lab Sample ID:	P5348-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063757.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

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

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK4	SDG No.:	BG121824
Lab Sample ID:	P5348-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BG063757.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

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

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK4	SDG No.:	BG121824
Lab Sample ID:	P5348-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063757.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.14		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	4.897	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	7.152		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.612		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.5		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	15.986		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	26.115		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.971		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.012		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.386		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.445		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.878		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.716		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	31.32		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK4	SDG No.:	BG121824
Lab Sample ID:	P5348-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063757.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.043		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	32.027		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	31.229		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.697		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110352	7.799				
1146-65-2	Naphthalene-d8	451539	10.59				
15067-26-2	Acenaphthene-d10	354660	14.438				
1517-22-2	Phenanthrene-d10	954674	17.188				
1719-03-5	Chrysene-d12	965675	21.436				
1520-96-3	Perylene-d12	1016472	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK5	SDG No.:	BG121824
Lab Sample ID:	P5348-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063758.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

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

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK5	SDG No.:	BG121824
Lab Sample ID:	P5348-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BG063758.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

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

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK5	SDG No.:	BG121824
Lab Sample ID:	P5348-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063758.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.342		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	5.374	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	8.269		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.098		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.976		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	19.361		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	33.317		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.725		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.743		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.382		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.263		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	35.083		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.594		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	39.179		25-125		98	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E1PK5	SDG No.:	BG121824
Lab Sample ID:	P5348-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063758.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.035		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	38.584		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	37.557		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.838		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104390	7.8				
1146-65-2	Naphthalene-d8	434381	10.585				
15067-26-2	Acenaphthene-d10	335000	14.439				
1517-22-2	Phenanthrene-d10	934231	17.189				
1719-03-5	Chrysene-d12	965528	21.437				
1520-96-3	Perylene-d12	1014770	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK6	SDG No.:	BG121824
Lab Sample ID:	P5348-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063759.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	0.83	U	0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK6	SDG No.:	BG121824
Lab Sample ID:	P5348-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063759.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	0.98	U	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK6	SDG No.:	BG121824
Lab Sample ID:	P5348-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063759.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.878		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	5.461	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	8.3		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.141		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.949		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	20		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	35.064		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.839		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.119		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.357		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.349		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	37.073		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.981		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	40.604		25-125		102	SPK: -40

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK6	SDG No.:	BG121824
Lab Sample ID:	P5348-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063759.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.871		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	40.211		25-130		101	SPK: -40
1718-52-1	Pyrene-d10	38.856		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.085		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110754	7.799				
1146-65-2	Naphthalene-d8	457285	10.59				
15067-26-2	Acenaphthene-d10	344364	14.439				
1517-22-2	Phenanthrene-d10	896016	17.188				
1719-03-5	Chrysene-d12	924859	21.436				
1520-96-3	Perylene-d12	957721	24.445				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK7	SDG No.:	BG121824
Lab Sample ID:	P5348-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063760.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

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

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK7	SDG No.:	BG121824
Lab Sample ID:	P5348-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063760.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

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

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK7	SDG No.:	BG121824
Lab Sample ID:	P5348-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063760.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.275		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	5.201	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	7.687		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.163		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.725		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	17.547		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	31.938		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.161		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.478		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.592		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.975		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	33.004		10-130		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.18		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	36.574		25-125		91	SPK: -40

Report of Analysis

Client:		Date Collected:	12/18/2024 12:00:00 AM
Project:		Date Received:	12/18/2024 12:00:00 AM
Client Sample ID:	E1PK7	SDG No.:	BG121824
Lab Sample ID:	P5348-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063760.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.034		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	37.49		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	35.723		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.174		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118988	7.8				
1146-65-2	Naphthalene-d8	474604	10.585				
15067-26-2	Acenaphthene-d10	366520	14.439				
1517-22-2	Phenanthrene-d10	974091	17.189				
1719-03-5	Chrysene-d12	1002682	21.437				
1520-96-3	Perylene-d12	1050331	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SLCS762	SDG No.:	BG121824
Lab Sample ID:	PB165762BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063761.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.7		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	4.2	J	2.3	5	10	ug/L
110-86-1	Pyridine	23		2.2	10	10	ug/L
108-95-2	Phenol	27		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	24		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	26		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	24		1.2	5	10	ug/L
98-86-2	Acetophenone	24		0.89	5	10	ug/L
106-44-5	4-Methylphenol	27		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	23		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	23		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	25		0.99	2.5	5	ug/L
78-59-1	Isophorone	24		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	25		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		0.93	2.5	5	ug/L
91-20-3	Naphthalene	26		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	23		0.98	2.5	5	ug/L
105-60-2	Caprolactam	31		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	25		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	14		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	28		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SLCS762	SDG No.:	BG121824
Lab Sample ID:	PB165762BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063761.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	26		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	28		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	27		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	29		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	32		1.5	5	10	ug/L
83-32-9	Acenaphthene	27		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	27		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	27		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	31		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	29		0.87	2.5	5	ug/L
86-73-7	Fluorene	29		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	27		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	40		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	26		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	26		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	24		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	25		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	26		0.56	2.5	5	ug/L
1912-24-9	Atrazine	27		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	28		2.5	5	10	ug/L
85-01-8	Phenanthrene	28		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	23		1.2	2.5	5	ug/L
120-12-7	Anthracene	28		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	21		0.92	2.5	5	ug/L
86-74-8	Carbazole	31		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	26		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SLCS762	SDG No.:	BG121824
Lab Sample ID:	PB165762BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063761.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	29		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	27		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	26		0.56	2.5	5	ug/L
218-01-9	Chrysene	26		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	32		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	27		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	27		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	31		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.704		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	23.16		20-120		58	SPK: -40
4165-62-2	Phenol-d5	26.084		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.933		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.712		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.172		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.523		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.991		20-130		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.028		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.381		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.972		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.131		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.991		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	27.906		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SLCS762	SDG No.:	BG121824
Lab Sample ID:	PB165762BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063761.D	1	12/19/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165762

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.794		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	27.034		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	25.007		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.405		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116098	7.8				
1146-65-2	Naphthalene-d8	469641	10.585				
15067-26-2	Acenaphthene-d10	359808	14.439				
1517-22-2	Phenanthrene-d10	971597	17.189				
1719-03-5	Chrysene-d12	1086331	21.437				
1520-96-3	Perylene-d12	1134169	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BG121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E2AN9								
P5226-01	E2AN9	Solid	(DEL) Alkane: Cyclic21.110	*	140.000	J		
P5226-01	E2AN9	Solid	Benzophenone	*	180.000	J		
P5226-01	E2AN9	Solid	Total Alkanes	*	140.000	31	200	ug/Kg
Total Tics :					460.00			
Total Concentration:					460.00			
Client ID : E2AP0								
P5226-02	E2AP0	Solid	(DEL) Alkane: Straight-Chain21.1	*	120.000	J		
P5226-02	E2AP0	Solid	Benzophenone	*	200.000	J		
P5226-02	E2AP0	Solid	Total Alkanes	*	120.000	29	190	ug/Kg
Total Tics :					440.00			
P5226-02	E2AP0	Solid	Phenol		38.000	J 33	360	ug/Kg
Total Svoc :					38.00			
Total Concentration:					478.00			
Client ID : E2AP1								
P5226-03	E2AP1	Solid	1-Octadecanethiol	*	90.000	J		
P5226-03	E2AP1	Solid	Benzophenone	*	160.000	J		
P5226-03	E2AP1	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :					250.00			
P5226-03	E2AP1	Solid	Bis(2-ethylhexyl)phthalate		200.000	28	190	ug/Kg
Total Svoc :					200.00			
Total Concentration:					450.00			
Client ID : E2AP2								
P5226-04	E2AP2	Solid	(DEL) Alkane: Cyclic21.107	*	130.000	J		
P5226-04	E2AP2	Solid	Benzophenone	*	190.000	J		
P5226-04	E2AP2	Solid	Total Alkanes	*	130.000	31	210	ug/Kg
Total Tics :					450.00			
Total Concentration:					450.00			
Client ID : E2AP3								
P5226-05	E2AP3	Solid	Benzophenone	*	140.000	J		
P5226-05	E2AP3	Solid	Oxalic acid, isobutyl tetradecyl e	*	88.000	J		
P5226-05	E2AP3	Solid	Total Alkanes	*	0.000	28	180	ug/Kg
Total Tics :					228.00			
Total Concentration:					228.00			
Client ID : E2AP4								
P5226-06	E2AP4	Solid	(DEL) Alkane: Cyclic21.108	*	100.000	J		

Hit Summary Sheet SW-846

SDG No.: BG121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5226-06	E2AP4	Solid	Benzophenone	*	150.000	J		
P5226-06	E2AP4	Solid	Total Alkanes	*	100.000	29	190	ug/Kg
Total Tics :					350.00			
Total Concentration:					350.00			
Client ID : E2AP5								
P5226-07	E2AP5	Solid	Benzophenone	*	280.000	J		
P5226-07	E2AP5	Solid	Octacosyl trifluoroacetate	*	120.000	J		
P5226-07	E2AP5	Solid	Total Alkanes	*	0.000	31	210	ug/Kg
Total Tics :					400.00			
P5226-07	E2AP5	Solid	Acenaphthylene		48.000	J 35	210	ug/Kg
P5226-07	E2AP5	Solid	Acetophenone		200.000	J 80	400	ug/Kg
P5226-07	E2AP5	Solid	Benzo(a)anthracene		86.000	J 28	210	ug/Kg
P5226-07	E2AP5	Solid	Benzo(a)pyrene		110.000	J 37	210	ug/Kg
P5226-07	E2AP5	Solid	Benzo(b)fluoranthene		230.000	45	210	ug/Kg
P5226-07	E2AP5	Solid	Benzo(k)fluoranthene		98.000	J 46	210	ug/Kg
P5226-07	E2AP5	Solid	Chrysene		86.000	J 29	210	ug/Kg
P5226-07	E2AP5	Solid	Fluoranthene		74.000	J 23	210	ug/Kg
P5226-07	E2AP5	Solid	Indeno(1,2,3-cd)pyrene		93.000	J 34	210	ug/Kg
P5226-07	E2AP5	Solid	Phenol		66.000	J 36	400	ug/Kg
P5226-07	E2AP5	Solid	Pyrene		67.000	J 22	210	ug/Kg
Total Svoc :					1,158.00			
Total Concentration:					1,558.00			
Client ID : E2AP6								
P5226-08	E2AP6	Solid	(DEL) Alkane: Straight-Chain21.1	*	85.000	J		
P5226-08	E2AP6	Solid	Benzophenone	*	280.000	J		
P5226-08	E2AP6	Solid	Total Alkanes	*	85.000	28	180	ug/Kg
Total Tics :					450.00			
Total Concentration:					450.00			
Client ID : E2AP7								
P5226-09	E2AP7	Solid	Benzophenone	*	200.000	J		
P5226-09	E2AP7	Solid	Hexacosyl nonyl ether	*	90.000	J		
P5226-09	E2AP7	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :					290.00			
Total Concentration:					290.00			
Client ID : E2AN6								
P5226-11	E2AN6	Solid	(DEL) Alkane: Cyclic21.108	*	120.000	J		
P5226-11	E2AN6	Solid	Benzophenone	*	320.000	J		
P5226-11	E2AN6	Solid	Tridecanoic acid	*	92.000	J		
P5226-11	E2AN6	Solid	Total Alkanes	*	120.000	31	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	652.00				
P5226-11	E2AN6	Solid	Benzo(b)fluoranthene	48.000	J	45	210	ug/Kg
P5226-11	E2AN6	Solid	Fluoranthene	89.000	J	23	210	ug/Kg
P5226-11	E2AN6	Solid	Pyrene	71.000	J	22	210	ug/Kg
			Total Svoc :	208.00				
			Total Concentration:	860.00				
Client ID : E2AQ5								
P5226-13	E2AQ5	Solid	Benzophenone	*	260.000	J		
P5226-13	E2AQ5	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
			Total Tics :	260.00				
			Total Concentration:	260.00				
Client ID : E2AQ4								
P5226-19	E2AQ4	Solid	Benzophenone	*	460.000	J		
P5226-19	E2AQ4	Solid	Oxalic acid, isobutyl heptadecyl e	*	140.000	J		
P5226-19	E2AQ4	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
			Total Tics :	600.00				
P5226-19	E2AQ4	Solid	Phenol		40.000	J 35	390	ug/Kg
			Total Svoc :	40.00				
			Total Concentration:	640.00				
Client ID : E2AQ6								
P5226-20	E2AQ6	Solid	Benzophenone	*	260.000	J		
P5226-20	E2AQ6	Solid	Carbonic acid, octadecyl prop-1-e	*	140.000	J		
P5226-20	E2AQ6	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
			Total Tics :	400.00				
P5226-20	E2AQ6	Solid	Bis(2-ethylhexyl)phthalate		260.000	29	200	ug/Kg
			Total Svoc :	260.00				
			Total Concentration:	660.00				
Client ID : E2AQ7								
P5226-21	E2AQ7	Solid	(DEL) Alkane: Straight-Chain21.1	*	130.000	J		
P5226-21	E2AQ7	Solid	Benzophenone	*	260.000	J		
P5226-21	E2AQ7	Solid	Total Alkanes	*	130.000	33	210	ug/Kg
			Total Tics :	520.00				
			Total Concentration:	520.00				
Client ID : E2AQ8								
P5226-22	E2AQ8	Solid	(DEL) Alkane: Straight-Chain21.1	*	170.000	J		
P5226-22	E2AQ8	Solid	Benzophenone	*	350.000	J		
P5226-22	E2AQ8	Solid	Total Alkanes	*	170.000	30	200	ug/Kg
			Total Tics :	690.00				
P5226-22	E2AQ8	Solid	Phenol		50.000	J 35	380	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG121824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			50.00		
			Total Concentration:			740.00		
Client ID : E2AR3								
P5226-23	E2AR3	Solid	Benzophenone	*	280.000	J		
P5226-23	E2AR3	Solid	Ethanol, 2-(hexadecyloxy)-	*	97.000	J		
P5226-23	E2AR3	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
			Total Tics :			377.00		
P5226-23	E2AR3	Solid	Phenol		42.000	J 36	400	ug/Kg
			Total Svoc :			42.00		
			Total Concentration:			419.00		
Client ID : E2AR4								
P5226-24	E2AR4	Solid	Benzophenone	*	290.000	J		
P5226-24	E2AR4	Solid	Dodecyl heptyl ether	*	120.000	J		
P5226-24	E2AR4	Solid	Total Alkanes	*	0.000	30	190	ug/Kg
			Total Tics :			410.00		
P5226-24	E2AR4	Solid	Phenol		43.000	J 34	380	ug/Kg
			Total Svoc :			43.00		
			Total Concentration:			453.00		
Client ID : C0AX5								
P5235-13	C0AX5	water	Total Alkanes	*	0.000	D 9.9	50	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0AX6								
P5235-14	C0AX6	water	Benzophenone	*	32.000	J		
P5235-14	C0AX6	water	Isopropyl butyrate	*	22.000	J		
P5235-14	C0AX6	water	Total Alkanes	*	0.000	D 9.9	50	ug/L
			Total Tics :			54.00		
			Total Concentration:			54.00		
Client ID : C0AS9								
P5235-16	C0AS9	water	Benzophenone	*	63.000	J		
P5235-16	C0AS9	water	Isopropyl butyrate	*	35.000	J		
P5235-16	C0AS9	water	Total Alkanes	*	0.000	D 9.9	50	ug/L
			Total Tics :			98.00		
			Total Concentration:			98.00		
Client ID : C0AT4								
P5235-17	C0AT4	water	Total Alkanes	*	0.000	D 9.9	50	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		

Hit Summary Sheet
SW-846

SDG No.: BG121824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	C0AT9							
P5235-18	C0AT9	water	Total Alkanes	*	0.000	D 9.9	50	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	SVOC-GPC2-BLANK							
P5288-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	78	510	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1PK4							
P5348-01	E1PK4	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1PK5							
P5348-02	E1PK5	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1PK6							
P5348-03	E1PK6	Water	Total Alkanes	*	0.000	1	5.1	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1PK7							
P5348-04	E1PK7	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	SLEB642							
PB165642TB	SLEB642	water	Total Alkanes	*	0.000	D 9.9	50	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: _____ Calibration Date(s): 12/11/2024

Calibration Time(s): 13:23

LAB FILE ID:	RRFAL1 = BG063651.D			RRFAL2 = BG063652.D		RRFAL3 = BG063653.D		
	RRFAL4 = BG063654.D			RRFAL5 = BG063655.D		RRFAL6 = BG063656.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.567	0.593	0.689	0.576	0.596		0.604	8.1
Benzaldehyde		1.337	1.446	1.195	0.907	0.764	1.130	25.4
Pyridine		1.604	1.815	1.707	1.876	1.620	1.724	6.9
Hexachloroethane	0.587	0.609	0.627	0.590	0.553		0.593	4.7
Nitrobenzene	0.424	0.448	0.521	0.504	0.488		0.477	8.4
Isophorone	0.875	0.868	0.989	0.918	0.853		0.901	6.1
2-Nitrophenol	0.139	0.151	0.183	0.180	0.170		0.165	11.6
2,4-Dimethylphenol	0.352	0.361	0.404	0.384	0.365		0.373	5.5
Bis(2-Chloroethoxy)methane	0.467	0.476	0.531	0.494	0.469		0.487	5.5
2,4-Dichlorophenol	0.269	0.299	0.342	0.319	0.311		0.308	8.7
Naphthalene	0.957	1.007	1.105	1.008	0.923		1.000	6.9
4-Chloroaniline		0.347	0.423	0.390	0.372	0.341	0.374	9.0
Hexachlorobutadiene	0.234	0.242	0.271	0.253	0.250		0.250	5.5
Phenol		1.813	2.129	2.027	1.934	1.913	1.963	6.1
Caprolactam		0.099	0.119	0.110	0.101	0.104	0.106	7.7
4-Chloro-3-methylphenol	0.342	0.349	0.383	0.376	0.358		0.362	4.8
1-Methylnaphthalene	0.708	0.740	0.797	0.745	0.671		0.732	6.4
2-Methylnaphthalene	0.729	0.703	0.783	0.716	0.662		0.719	6.1
Hexachlorocyclopentadiene		0.151	0.230	0.265	0.297	0.322	0.253	26.4
2,4,6-Trichlorophenol	0.328	0.348	0.392	0.373	0.368		0.362	6.8
2,4,5-Trichlorophenol	0.345	0.352	0.398	0.410	0.384		0.378	7.5
1,1-Biphenyl	1.269	1.316	1.449	1.343	1.217		1.319	6.6
2-Chloronaphthalene	1.014	1.040	1.167	1.084	0.992		1.059	6.5
2-Nitroaniline	0.306	0.319	0.371	0.391	0.387		0.355	11.1
Bis(2-Chloroethyl)ether		1.454	1.662	1.509	1.473	1.413	1.502	6.4
Dimethylphthalate	1.341	1.334	1.504	1.396	1.245		1.364	7.0
2,6-Dinitrotoluene	0.217	0.238	0.277	0.269	0.265		0.253	9.9
Acenaphthylene	1.652	1.643	1.868	1.677	1.477		1.663	8.3
3-Nitroaniline		0.221	0.250	0.240	0.228	0.232	0.234	4.7
Acenaphthene	1.155	1.191	1.295	1.175	1.079		1.179	6.6
2,4-Dinitrophenol		0.074	0.104	0.128	0.162	0.179	0.129	32.8
4-Nitrophenol		0.151	0.194	0.213	0.216	0.228	0.200	15.0
Dibenzofuran	1.605	1.682	1.847	1.695	1.482		1.662	8.0
2,4-Dinitrotoluene	0.334	0.346	0.411	0.406	0.384		0.376	9.3
Diethylphthalate	1.290	1.289	1.462	1.338	1.214		1.319	7.0
2-Chlorophenol	0.995	1.193	1.372	1.249	1.227		1.207	11.3

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.: BG121124 SAS No.: BG121124 SDG No.: BG121124

Instrument ID: _____ Calibration Date(s): 12/11/2024

Calibration Time(s): 13:23

LAB FILE ID:		RRFAL1 = BG063651.D		RRFAL2 = BG063652.D		RRFAL3 = BG063653.D		
		RRFAL4 = BG063654.D		RRFAL5 = BG063655.D		RRFAL6 = BG063656.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.338	1.354	1.472	1.310	1.163		1.327	8.3
4-Chlorophenyl-phenylether	0.737	0.741	0.814	0.743	0.663		0.739	7.2
4-Nitroaniline		0.208	0.267	0.248	0.224	0.226	0.234	9.8
4,6-Dinitro-2-methylphenol		0.087	0.106	0.112	0.115	0.115	0.107	11.1
N-Nitrosodiphenylamine	0.451	0.488	0.533	0.486	0.463		0.484	6.5
1,2,4,5-Tetrachlorobenzene	0.604	0.627	0.694	0.654	0.623		0.640	5.4
4-Bromophenyl-phenylether	0.187	0.198	0.227	0.207	0.200		0.204	7.4
Hexachlorobenzene	0.223	0.230	0.249	0.221	0.219		0.228	5.4
Atrazine		0.201	0.225	0.213	0.199	0.186	0.205	7.2
Pentachlorophenol		0.071	0.090	0.097	0.108	0.115	0.096	17.8
2-Methylphenol		1.316	1.568	1.465	1.384	1.361	1.419	7.0
Phenanthrene	0.964	0.985	1.066	0.970	0.834		0.964	8.6
Pentachlorobenzene	0.247	0.261	0.288	0.266	0.260		0.264	5.7
Anthracene	0.958	0.994	1.104	0.987	0.835		0.975	9.9
1,2,3,4-Tetrachlorobenzene	0.235	0.264	0.293	0.271	0.271		0.267	7.8
Carbazole		0.822	0.925	0.848	0.754	0.599	0.790	15.6
Di-n-butylphthalate	0.957	0.964	1.072	0.956	0.820		0.954	9.4
Fluoranthene	1.179	1.254	1.324	1.190	0.967		1.183	11.3
Pyrene	1.265	1.339	1.449	1.252	0.987		1.259	13.6
Butylbenzylphthalate	0.382	0.370	0.415	0.390	0.375		0.386	4.5
3,3-Dichlorobenzidine		0.365	0.405	0.371	0.355	0.309	0.361	9.6
2,2-oxybis (1-Chloropropane)		2.203	2.500	2.268	2.137	2.040	2.230	7.8
Benzo (a) anthracene	1.254	1.274	1.415	1.251	1.073		1.253	9.7
Chrysene	1.228	1.201	1.351	1.189	1.004		1.195	10.4
Bis (2-ethylhexyl) phthalate	0.563	0.550	0.617	0.559	0.521		0.562	6.3
Di-n-octyl phthalate		0.914	0.987	0.912	0.826	0.677	0.863	13.8
Benzo (b) fluoranthene	1.064	1.121	1.270	1.150	1.079		1.137	7.2
Benzo (k) fluoranthene	1.090	1.149	1.279	1.148	1.003		1.134	8.9
Benzo (a) pyrene	0.989	1.046	1.199	1.094	1.007		1.067	7.9
Indeno (1,2,3-cd) pyrene	1.193	1.272	1.436	1.325	1.290		1.303	6.8
Dibenzo (a,h) anthracene	0.930	1.020	1.169	1.066	1.028		1.043	8.3
Benzo (g,h,i) perylene	0.977	1.012	1.133	1.041	1.007		1.034	5.8
Acetophenone		2.390	2.742	2.504	2.332	2.160	2.426	8.9
2,3,4,6-Tetrachlorophenol	0.275	0.320	0.346	0.348	0.339		0.326	9.2
1,4-Dioxane-d8	0.446	0.484	0.598	0.481	0.543		0.510	11.8
Pyridine-d5		1.381	1.735	1.588	1.794	1.553	1.610	10.1

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.: BG121124 SAS No.: BG121124 SDG No.: BG121124
Instrument ID: _____ Calibration Date(s): 12/11/2024
Calibration Time(s): 13:23

LAB FILE ID:		RRFAL1 = BG063651.D			RRFAL2 = BG063652.D		RRFAL3 = BG063653.D	
		RRFAL4 = BG063654.D			RRFAL5 = BG063655.D		RRFAL6 = BG063656.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.679	2.009	1.888	1.812	1.823	1.842	6.5
Bis-(2-Chloroethyl)ether-d8		1.201	1.404	1.260	1.261	1.236	1.272	6.1
2-Chlorophenol-d4	1.063	1.162	1.331	1.232	1.175		1.193	8.2
4-Methylphenol-d8		1.365	1.553	1.475	1.372	1.386	1.430	5.7
Nitrobenzene-d5	0.125	0.139	0.153	0.149	0.148		0.143	7.7
2-Nitrophenol-d4	0.149	0.145	0.169	0.171	0.168		0.160	7.6
2,4-Dichlorophenol-d3	0.275	0.296	0.343	0.324	0.312		0.310	8.4
4-Chloroaniline-d4		0.377	0.422	0.414	0.391	0.364	0.394	6.2
4-Methylphenol		1.415	1.728	1.625	1.514	1.482	1.553	8.0
Dimethylphthalate-d6	1.331	1.366	1.489	1.367	1.251		1.361	6.3
Acenaphthylene-d8	1.521	1.520	1.726	1.572	1.418		1.551	7.2
4-Nitrophenol-d4		0.145	0.195	0.204	0.207	0.213	0.193	14.4
Fluorene-d10	1.172	1.190	1.335	1.215	1.104		1.203	7.0
4,6-Dinitro-2-methylphenol		0.088	0.099	0.107	0.111	0.113	0.104	9.9
Anthracene-d10	0.869	0.871	0.938	0.848	0.773		0.860	6.9
Pyrene-d10	1.011	1.102	1.159	1.044	0.887		1.041	9.9
Benzo(a)pyrene-d12	0.866	0.913	1.046	0.956	0.916		0.939	7.2
N-Nitroso-di-n-propylamine	1.342	1.371	1.614	1.522	1.388		1.447	8.0

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.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020433 Date Analyzed: Dec 18 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 12:12

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	134078	7.812	591107	10.60	436199	14.45
	UPPER LIMIT	268156	8.312	1182214	11.103	872398	14.951
	LOWER LIMIT	67039	7.312	295553.5	10.103	218099.5	13.951
	EPA SAMPLE NO.						
01	SBLK662	127917	7.80	494909	10.59	381884	14.45
02	E2AN9	115006	7.80	470549	10.59	361096	14.44
03	E2AP0	123662	7.80	513187	10.59	399267	14.44
04	E2AP1	112299	7.80	470929	10.59	355332	14.44
05	E2AP2	129078	7.81	514719	10.60	413318	14.44
06	E2AP3	133756	7.80	540482	10.59	416614	14.45
07	E2AR4	121767	7.81	477908	10.59	375440	14.44
08	E2AR4MS	113213	7.80	494853	10.59	373833	14.44
09	E2AR4MSD	129897	7.81	537519	10.59	426016	14.44
10	E2AP7	129082	7.80	508140	10.59	408346	14.44
11	SLCS662	118750	7.80	480149	10.59	360915	14.44
12	SBLK662	131445	7.80	505629	10.59	380230	14.44
13	E2AP4	122659	7.81	499520	10.59	386321	14.44
14	E2AP6	122264	7.81	511254	10.59	395173	14.44
15	E2AN6	119159	7.80	506609	10.59	401790	14.44
16	E2AQ7	126752	7.80	515882	10.59	401914	14.44
17	E2AQ8	119848	7.80	509561	10.59	403805	14.44
18	E2AQ6	129578	7.80	547828	10.59	428552	14.44
19	E2AR3	135451	7.81	541641	10.59	419583	14.44
20	E2AQ5	124781	7.80	512767	10.59	407827	14.44
21	E2AQ4	122290	7.80	504024	10.59	397565	14.44
22	E2AP5	136939	7.80	560054	10.59	442032	14.45
23	SBLK676	96938	7.80	386459	10.59	294344	14.44

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020433 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 09:42

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	134078	7.812	591107	10.60	436199	14.45
UPPER LIMIT	268156	8.312	1182214	11.103	872398	14.951
LOWER LIMIT	67039	7.312	295553.5	10.103	218099.5	13.951
EPA SAMPLE NO.						
24 SVOC-GPC2-BLANK	85945	7.80	341897	10.59	278695	14.44
25 SLEB642	96791	7.80	367598	10.59	284786	14.44
26 C0AX5	95684	7.80	400322	10.59	308789	14.44
27 C0AX6	85972	7.80	363143	10.59	280079	14.44
28 C0AS9	90354	7.80	364530	10.59	296900	14.44
29 C0AT4	97539	7.80	403933	10.59	307757	14.44
30 C0AT9	98106	7.80	386275	10.59	290649	14.44
31 SLCS676	98297	7.80	387922	10.59	300923	14.44
32 SBLK762	123523	7.80	478431	10.59	354125	14.44
33 E1PK4	110352	7.80	451539	10.59	354660	14.44
34 E1PK5	104390	7.80	434381	10.59	335000	14.44
35 E1PK6	110754	7.80	457285	10.59	344364	14.44
36 E1PK7	118988	7.80	474604	10.59	366520	14.44
37 SLCS762	116098	7.80	469641	10.59	359808	14.44

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.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020571 Date Analyzed: Dec 18 2024 12:00AM

Lab File ID: BG063721.D Time Analyzed: 12:12

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	117135	7.8	478408	10.59	368933	14.45
UPPER LIMIT	234270	8.3	956816	11.09	737866	14.945
LOWER LIMIT	58567.5	7.3	239204	10.09	184466.5	13.945
EPA SAMPLE NO.						
01 SBLK662	127917	7.80	494909	10.59	381884	14.45
02 E2AN9	115006	7.80	470549	10.59	361096	14.44
03 E2AP0	123662	7.80	513187	10.59	399267	14.44
04 E2AP1	112299	7.80	470929	10.59	355332	14.44
05 E2AP2	129078	7.81	514719	10.60	413318	14.44
06 E2AP3	133756	7.80	540482	10.59	416614	14.45
07 E2AR4	121767	7.81	477908	10.59	375440	14.44
08 E2AR4MS	113213	7.80	494853	10.59	373833	14.44
09 E2AR4MSD	129897	7.81	537519	10.59	426016	14.44
10 E2AP7	129082	7.80	508140	10.59	408346	14.44
11 SLCS662	118750	7.80	480149	10.59	360915	14.44

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.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020572 Date Analyzed: Dec 18 2024 12:00AM

Lab File ID: BG063733.D Time Analyzed: 20:38

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	114592	7.801	472077	10.59	371505	14.44
UPPER LIMIT	229184	8.301	944154	11.092	743010	14.941
LOWER LIMIT	57296	7.301	236038.5	10.092	185752.5	13.941
EPA SAMPLE NO.						
01 SBLK662	131445	7.80	505629	10.59	380230	14.44
02 E2AP4	122659	7.81	499520	10.59	386321	14.44
03 E2AP6	122264	7.81	511254	10.59	395173	14.44
04 E2AN6	119159	7.80	506609	10.59	401790	14.44
05 E2AQ7	126752	7.80	515882	10.59	401914	14.44
06 E2AQ8	119848	7.80	509561	10.59	403805	14.44
07 E2AQ6	129578	7.80	547828	10.59	428552	14.44
08 E2AR3	135451	7.81	541641	10.59	419583	14.44
09 E2AQ5	124781	7.80	512767	10.59	407827	14.44
10 E2AQ4	122290	7.80	504024	10.59	397565	14.44
11 E2AP5	136939	7.80	560054	10.59	442032	14.45

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.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020573 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BG063745.D Time Analyzed: 09:04

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	117864	7.802	491816	10.59	379534	14.44
UPPER LIMIT	235728	8.302	983632	11.087	759068	14.942
LOWER LIMIT	58932	7.302	245908	10.087	189767	13.942
EPA SAMPLE NO.						
01 SBLK676	96938	7.80	386459	10.59	294344	14.44
02 SVOC-GPC2-BLANK	85945	7.80	341897	10.59	278695	14.44
03 SLEB642	96791	7.80	367598	10.59	284786	14.44
04 C0AX5	95684	7.80	400322	10.59	308789	14.44
05 C0AX6	85972	7.80	363143	10.59	280079	14.44
06 C0AS9	90354	7.80	364530	10.59	296900	14.44
07 C0AT4	97539	7.80	403933	10.59	307757	14.44
08 C0AT9	98106	7.80	386275	10.59	290649	14.44
09 SLCS676	98297	7.80	387922	10.59	300923	14.44

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.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020574 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BG063755.D Time Analyzed: 17:44

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	132245	7.799	547343	10.59	430983	14.44
UPPER LIMIT	264490	8.299	1094686	11.09	861966	14.938
LOWER LIMIT	66122.5	7.299	273671.5	10.09	215491.5	13.938
EPA SAMPLE NO.						
01 SBLK762	123523	7.80	478431	10.59	354125	14.44
02 E1PK4	110352	7.80	451539	10.59	354660	14.44
03 E1PK5	104390	7.80	434381	10.59	335000	14.44
04 E1PK6	110754	7.80	457285	10.59	344364	14.44
05 E1PK7	118988	7.80	474604	10.59	366520	14.44
06 SLCS762	116098	7.80	469641	10.59	359808	14.44

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.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020433 Date Analyzed: Dec 18 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 12:12

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	1.04718e+01	17.207	1.05243e+	21.461	1.14487e+01	24.481
UPPER LIMIT	2094360	17.707	2104860	21.961	2289740	24.981
LOWER LIMIT	523590	16.707	526215	20.961	572435	23.981
EPA SAMPLE NO.						
01 SBLK662	1.02795	17.20	1.11258e+	21.44	1.14836e+	24.46
02 E2AN9	971398	17.20	1.03425e+	21.45	1.08559e+	24.46
03 E2AP0	1.05427	17.19	1.07549e+	21.44	1.12777e+	24.46
04 E2AP1	982293	17.20	1.02771e+	21.44	1.06161e+	24.46
05 E2AP2	1.08909	17.19	1.13605e+	21.44	1.18378e+	24.46
06 E2AP3	1.05885	17.20	1.05449e+	21.44	1.1228e+0	24.46
07 E2AR4	1.01925	17.19	1.0392e+0	21.44	1.09398e+	24.46
08 E2AR4MS	979860	17.20	995864	21.45	1.0227e+0	24.46
09 E2AR4MSD	1.09077	17.19	1.06227e+	21.44	1.10429e+	24.46
10 E2AP7	1.07734	17.20	1.09537e+	21.44	1.168e+00	24.46
11 SLCS662	958346	17.19	1.06007e+	21.44	1.11624e+	24.46
12 SBLK662	1.05854	17.20	1.17931e+	21.45	1.21221e+	24.45
13 E2AP4	1.04154	17.20	1.06409e+	21.44	1.12003e+	24.46
14 E2AP6	1.06346	17.20	1.1131e+0	21.44	1.17858e+	24.46
15 E2AN6	1.09878	17.20	1.11432e+	21.44	1.1654e+0	24.46
16 E2AQ7	1.05503	17.20	1.06296e+	21.44	1.12521e+	24.45
17 E2AQ8	1.09845	17.20	1.11482e+	21.44	1.17765e+	24.45
18 E2AQ6	1.11123	17.19	1.1176e+0	21.44	1.18976e+	24.45
19 E2AR3	1.10847	17.19	1.17344e+	21.44	1.23729e+	24.45
20 E2AQ5	1.0768e	17.19	1.1284e+0	21.44	1.18433e+	24.45
21 E2AQ4	1.05751	17.19	1.10802e+	21.44	1.16795e+	24.45

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020433 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 02:55

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	1.04718e+01	17.207	1.05243e+	21.461	1.14487e+01	24.481
	UPPER LIMIT	2094360	17.707	2104860	21.961	2289740	24.981
	LOWER LIMIT	523590	16.707	526215	20.961	572435	23.981
	EPA SAMPLE NO.						
22	E2AP5	1.15773	17.20	1.16316e+	21.44	1.20957e+	24.45
23	SBLK676	800961	17.19	838711	21.44	892084	24.45
24	SVOC-GPC2-BLANK	763382	17.20	777954	21.44	838756	24.45
25	SLEB642	772278	17.19	801368	21.44	857934	24.45
26	C0AX5	823879	17.19	856515	21.44	906989	24.45
27	C0AX6	735596	17.19	748086	21.44	794795	24.44
28	C0AS9	777795	17.19	810397	21.44	848624	24.45
29	C0AT4	837597	17.19	844419	21.44	895241	24.45
30	C0AT9	784389	17.19	809570	21.44	837823	24.45
31	SLCS676	797365	17.19	893598	21.44	945026	24.45
32	SBLK762	982033	17.19	1.04966e+	21.44	1.10526e+	24.45
33	E1PK4	954674	17.19	965675	21.44	1.01647e+	24.45
34	E1PK5	934231	17.19	965528	21.44	1.01477e+	24.45
35	E1PK6	896016	17.19	924859	21.44	957721	24.45
36	E1PK7	974091	17.19	1.00268e+	21.44	1.05033e+	24.45
37	SLCS762	971597	17.19	1.08633e+	21.44	1.13417e+	24.45

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020433 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 20:53

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	1.04718e+01	17.207	1.05243e+01	21.461	1.14487e+01	24.481
UPPER LIMIT	2094360	17.707	2104860	21.961	2289740	24.981
LOWER LIMIT	523590	16.707	526215	20.961	572435	23.981
EPA SAMPLE NO.						

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020571 Date Analyzed: Dec 18 2024 12:00AM

Lab File ID: BG063721.D Time Analyzed: 12:12

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	959699	17.2	985871	21.442	1.02938e+01	24.462
UPPER LIMIT	1919398	17.7	1971742	21.942	2058760	24.962
LOWER LIMIT	479849.5	16.7	492935.5	20.942	514690	23.962
EPA SAMPLE NO.						
01 SBLK662	1.02795	17.20	1.11258e+	21.44	1.14836e+	24.46
02 E2AN9	971398	17.20	1.03425e+	21.45	1.08559e+	24.46
03 E2AP0	1.05427	17.19	1.07549e+	21.44	1.12777e+	24.46
04 E2AP1	982293	17.20	1.02771e+	21.44	1.06161e+	24.46
05 E2AP2	1.08909	17.19	1.13605e+	21.44	1.18378e+	24.46
06 E2AP3	1.05885	17.20	1.05449e+	21.44	1.1228e+0	24.46
07 E2AR4	1.01925	17.19	1.0392e+0	21.44	1.09398e+	24.46
08 E2AR4MS	979860	17.20	995864	21.45	1.0227e+0	24.46
09 E2AR4MSD	1.09077	17.19	1.06227e+	21.44	1.10429e+	24.46
10 E2AP7	1.07734	17.20	1.09537e+	21.44	1.168e+00	24.46
11 SLCS662	958346	17.19	1.06007e+	21.44	1.11624e+	24.46

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 LOWER 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.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020572 Date Analyzed: Dec 18 2024 12:00AM

Lab File ID: BG063733.D Time Analyzed: 20:38

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	950032	17.196	990541	21.444	1.03914e+01	24.458
UPPER LIMIT	1900064	17.696	1981082	21.944	2078280	24.958
LOWER LIMIT	475016	16.696	495270.5	20.944	519570	23.958
EPA SAMPLE NO.						
01 SBLK662	1.05854	17.20	1.17931e+	21.45	1.21221e+	24.45
02 E2AP4	1.04154	17.20	1.06409e+	21.44	1.12003e+	24.46
03 E2AP6	1.06346	17.20	1.1131e+0	21.44	1.17858e+	24.46
04 E2AN6	1.09878	17.20	1.11432e+	21.44	1.1654e+0	24.46
05 E2AQ7	1.05503	17.20	1.06296e+	21.44	1.12521e+	24.45
06 E2AQ8	1.09845	17.20	1.11482e+	21.44	1.17765e+	24.45
07 E2AQ6	1.11123	17.19	1.1176e+0	21.44	1.18976e+	24.45
08 E2AR3	1.10847	17.19	1.17344e+	21.44	1.23729e+	24.45
09 E2AQ5	1.0768e	17.19	1.1284e+0	21.44	1.18433e+	24.45
10 E2AQ4	1.05751	17.19	1.10802e+	21.44	1.16795e+	24.45
11 E2AP5	1.15773	17.20	1.16316e+	21.44	1.20957e+	24.45

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 LOWER 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.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020573 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BG063745.D Time Analyzed: 09:04

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	977646	17.191	1.03574e+	21.439	1.08338e+01	24.448
UPPER LIMIT	1955292	17.691	2071480	21.939	2166760	24.948
LOWER LIMIT	488823	16.691	517870	20.939	541690	23.948
EPA SAMPLE NO.						
01 SBLK676	800961	17.19	838711	21.44	892084	24.45
02 SVOC-GPC2-BLANK	763382	17.20	777954	21.44	838756	24.45
03 SLEB642	772278	17.19	801368	21.44	857934	24.45
04 C0AX5	823879	17.19	856515	21.44	906989	24.45
05 C0AX6	735596	17.19	748086	21.44	794795	24.44
06 C0AS9	777795	17.19	810397	21.44	848624	24.45
07 C0AT4	837597	17.19	844419	21.44	895241	24.45
08 C0AT9	784389	17.19	809570	21.44	837823	24.45
09 SLCS676	797365	17.19	893598	21.44	945026	24.45

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.: BG121824 SAS No.: BG121824 SDG NO.: BG121824

EPA Sample No.: SSTD020574 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BG063755.D Time Analyzed: 17:44

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.12272e+01	17.194	1.18934e+01	21.442	1.22566e+01	24.456
UPPER LIMIT	2245440	17.694	2378680	21.942	2451320	24.956
LOWER LIMIT	561360	16.694	594670	20.942	612830	23.956
EPA SAMPLE NO.						
01 SBLK762	982033	17.19	1.04966e+01	21.44	1.10526e+01	24.45
02 E1PK4	954674	17.19	965675	21.44	1.01647e+01	24.45
03 E1PK5	934231	17.19	965528	21.44	1.01477e+01	24.45
04 E1PK6	896016	17.19	924859	21.44	957721	24.45
05 E1PK7	974091	17.19	1.00268e+01	21.44	1.05033e+01	24.45
06 SLCS762	971597	17.19	1.08633e+01	21.44	1.13417e+01	24.45

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.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165662BS	1,4-Dioxane	530	310	ug/Kg	58				0	0	
	Benzaldehyde	1300	140	ug/Kg	11				0	0	
	Pyridine	1300	870	ug/Kg	67				0	0	
	Phenol	1300	1000	ug/Kg	77				0	0	
	Bis(2-chloroethyl)ether	1300	910	ug/Kg	70				0	0	
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0	
	2-Methylphenol	1300	960	ug/Kg	74				0	0	
	2,2-oxybis(1-Chloropropane)	1300	900	ug/Kg	69				0	0	
	Acetophenone	1300	900	ug/Kg	69				0	0	
	4-Methylphenol	1300	1000	ug/Kg	77				0	0	
	N-Nitroso-di-n-propylamine	1300	850	ug/Kg	65				0	0	
	Hexachloroethane	1300	840	ug/Kg	65				0	0	
	Nitrobenzene	1300	930	ug/Kg	72				0	0	
	Isophorone	1300	930	ug/Kg	72				0	0	
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0	
	2,4-Dimethylphenol	1300	1000	ug/Kg	77				0	0	
	Bis(2-chloroethoxy)methane	1300	950	ug/Kg	73				0	0	
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0	
	Naphthalene	1300	990	ug/Kg	76				0	0	
	4-Chloroaniline	1300	650	ug/Kg	50				0	0	
	Hexachlorobutadiene	1300	870	ug/Kg	67				0	0	
	Caprolactam	1300	1200	ug/Kg	92				0	0	
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0	
	1-Methylnaphthalene	1300	960	ug/Kg	74				0	0	
	2-Methylnaphthalene	1300	990	ug/Kg	76				0	0	
	Hexachlorocyclopentadiene	1300	500	ug/Kg	38				0	0	
	2,4,6-Trichlorophenol	1300	1100	ug/Kg	85				0	0	
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0	
	1,1'-Biphenyl	1300	990	ug/Kg	76				0	0	
	2-Chloronaphthalene	1300	990	ug/Kg	76				0	0	
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0	
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0	
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0	
	Acenaphthylene	1300	1000	ug/Kg	77				0	0	
	3-Nitroaniline	1300	1300	ug/Kg	100				0	0	
	Acenaphthene	1300	1000	ug/Kg	77				0	0	
	2,4-Dinitrophenol	1300	1100	ug/Kg	85				0	0	
	4-Nitrophenol	1300	1100	ug/Kg	85				0	0	
	Dibenzofuran	1300	1100	ug/Kg	85				0	0	
	2,4-Dinitrotoluene	1300	1200	ug/Kg	92				0	0	
	Diethylphthalate	1300	1100	ug/Kg	85				0	0	
	Fluorene	1300	1100	ug/Kg	85				0	0	
	4-Chlorophenyl-phenylether	1300	1000	ug/Kg	77				0	0	
	4-Nitroaniline	1300	1600	ug/Kg	123				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165662BS	4,6-Dinitro-2-methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitrosodiphenylamine	1300	1000	ug/Kg	77				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	880	ug/Kg	68				0	0		
	4-Bromophenyl-phenylether	1300	970	ug/Kg	75				0	0		
	Hexachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Atrazine	1300	1100	ug/Kg	85				0	0		
	Pentachlorophenol	1300	1100	ug/Kg	85				0	0		
	Phenanthrene	1300	1100	ug/Kg	85				0	0		
	Pentachlorobenzene	1300	930	ug/Kg	72				0	0		
	Anthracene	1300	1100	ug/Kg	85				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	810	ug/Kg	62				0	0		
	Carbazole	1300	1200	ug/Kg	92				0	0		
	Di-n-butylphthalate	1300	1200	ug/Kg	92				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	1000	ug/Kg	77				0	0		
	Butylbenzylphthalate	1300	1200	ug/Kg	92				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	Benzo(a)anthracene	1300	980	ug/Kg	75				0	0		
	Chrysene	1300	980	ug/Kg	75				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	1000	ug/Kg	77				0	0		
	Benzo(a)pyrene	1300	1000	ug/Kg	77				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1200	ug/Kg	92				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB165676BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	4.7	ug/L	12				0	0	
	Pyridine	40	32	ug/L	80				0	0	
	Phenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0	
	2-Chlorophenol	40	38	ug/L	95				0	0	
	2-Methylphenol	40	34	ug/L	85				0	0	
	2,2-oxybis(1-Chloropropane)	40	32	ug/L	80				0	0	
	Acetophenone	40	31	ug/L	78				0	0	
	4-Methylphenol	40	36	ug/L	90				0	0	
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0	
	Hexachloroethane	40	31	ug/L	78				0	0	
	Nitrobenzene	40	34	ug/L	85				0	0	
	Isophorone	40	33	ug/L	83				0	0	
	2-Nitrophenol	40	39	ug/L	98				0	0	
	2,4-Dimethylphenol	40	37	ug/L	93				0	0	
	Bis(2-chloroethoxy)methane	40	34	ug/L	85				0	0	
	2,4-Dichlorophenol	40	40	ug/L	100				0	0	
	Naphthalene	40	35	ug/L	88				0	0	
	4-Chloroaniline	40	23	ug/L	58				0	0	
	Hexachlorobutadiene	40	32	ug/L	80				0	0	
	Caprolactam	40	39	ug/L	98				0	0	
	4-Chloro-3-methylphenol	40	37	ug/L	93				0	0	
	1-Methylnaphthalene	40	35	ug/L	88				0	0	
	2-Methylnaphthalene	40	35	ug/L	88				0	0	
	Hexachlorocyclopentadiene	40	16	ug/L	40				0	0	
	2,4,6-Trichlorophenol	40	37	ug/L	93				0	0	
	2,4,5-Trichlorophenol	40	39	ug/L	98				0	0	
	1,1'-Biphenyl	40	34	ug/L	85				0	0	
	2-Chloronaphthalene	40	34	ug/L	85				0	0	
	2-Nitroaniline	40	39	ug/L	98				0	0	
	Dimethylphthalate	40	35	ug/L	88				0	0	
	2,6-Dinitrotoluene	40	39	ug/L	98				0	0	
	Acenaphthylene	40	35	ug/L	88				0	0	
	3-Nitroaniline	40	44	ug/L	110				0	0	
	Acenaphthene	40	35	ug/L	88				0	0	
	2,4-Dinitrophenol	40	36	ug/L	90				0	0	
	4-Nitrophenol	40	36	ug/L	90				0	0	
	Dibenzofuran	40	37	ug/L	93				0	0	
	2,4-Dinitrotoluene	40	41	ug/L	103				0	0	
	Diethylphthalate	40	38	ug/L	95				0	0	
	Fluorene	40	38	ug/L	95				0	0	
	4-Chlorophenyl-phenylether	40	36	ug/L	90				0	0	
	4-Nitroaniline	40	53	ug/L	133				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165676BS	4,6-Dinitro-2-methylphenol	40	36	ug/L	90				0	0	
	N-Nitrosodiphenylamine	40	35	ug/L	88				0	0	
	1,2,4,5-Tetrachlorobenzene	40	32	ug/L	80				0	0	
	4-Bromophenyl-phenylether	40	34	ug/L	85				0	0	
	Hexachlorobenzene	40	34	ug/L	85				0	0	
	Atrazine	40	37	ug/L	93				0	0	
	Pentachlorophenol	40	38	ug/L	95				0	0	
	Phenanthrene	40	38	ug/L	95				0	0	
	Pentachlorobenzene	40	31	ug/L	78				0	0	
	Anthracene	40	38	ug/L	95				0	0	
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0	
	Carbazole	40	43	ug/L	108				0	0	
	Di-n-butylphthalate	40	41	ug/L	103				0	0	
	Fluoranthene	40	35	ug/L	88				0	0	
	Pyrene	40	35	ug/L	88				0	0	
	Butylbenzylphthalate	40	41	ug/L	103				0	0	
	3,3'-Dichlorobenzidine	40	37	ug/L	93				0	0	
	Benzo(a)anthracene	40	35	ug/L	88				0	0	
	Chrysene	40	35	ug/L	88				0	0	
	Bis(2-ethylhexyl)phthalate	40	41	ug/L	103				0	0	
	Di-n-octylphthalate	40	44	ug/L	110				0	0	
	Benzo(b)fluoranthene	40	36	ug/L	90				0	0	
	Benzo(k)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(a)pyrene	40	36	ug/L	90				0	0	
	Indeno(1,2,3-cd)pyrene	40	37	ug/L	93				0	0	
	Dibenzo(a,h)anthracene	40	38	ug/L	95				0	0	
	Benzo(g,h,i)perylene	40	36	ug/L	90				0	0	
	2,3,4,6-Tetrachlorophenol	40	41	ug/L	103				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB165762BS	1,4-Dioxane	16	8.7	ug/L	54				0	0	
	Benzaldehyde	40	4.2	ug/L	11				0	0	
	Pyridine	40	23	ug/L	58				0	0	
	Phenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethyl)ether	40	24	ug/L	60				0	0	
	2-Chlorophenol	40	28	ug/L	70				0	0	
	2-Methylphenol	40	26	ug/L	65				0	0	
	2,2-oxybis(1-Chloropropane)	40	24	ug/L	60				0	0	
	Acetophenone	40	24	ug/L	60				0	0	
	4-Methylphenol	40	27	ug/L	68				0	0	
	N-Nitroso-di-n-propylamine	40	23	ug/L	58				0	0	
	Hexachloroethane	40	23	ug/L	58				0	0	
	Nitrobenzene	40	25	ug/L	63				0	0	
	Isophorone	40	24	ug/L	60				0	0	
	2-Nitrophenol	40	28	ug/L	70				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethoxy)methane	40	25	ug/L	63				0	0	
	2,4-Dichlorophenol	40	29	ug/L	73				0	0	
	Naphthalene	40	26	ug/L	65				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	23	ug/L	58				0	0	
	Caprolactam	40	31	ug/L	78				0	0	
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	25	ug/L	63				0	0	
	Hexachlorocyclopentadiene	40	14	ug/L	35				0	0	
	2,4,6-Trichlorophenol	40	28	ug/L	70				0	0	
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0	
	1,1'-Biphenyl	40	26	ug/L	65				0	0	
	2-Chloronaphthalene	40	26	ug/L	65				0	0	
	2-Nitroaniline	40	28	ug/L	70				0	0	
	Dimethylphthalate	40	27	ug/L	68				0	0	
	2,6-Dinitrotoluene	40	29	ug/L	73				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	32	ug/L	80				0	0	
	Acenaphthene	40	27	ug/L	68				0	0	
	2,4-Dinitrophenol	40	27	ug/L	68				0	0	
	4-Nitrophenol	40	27	ug/L	68				0	0	
	Dibenzofuran	40	29	ug/L	73				0	0	
	2,4-Dinitrotoluene	40	31	ug/L	78				0	0	
	Diethylphthalate	40	29	ug/L	73				0	0	
	Fluorene	40	29	ug/L	73				0	0	
	4-Chlorophenyl-phenylether	40	27	ug/L	68				0	0	
	4-Nitroaniline	40	40	ug/L	100				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165762BS	4,6-Dinitro-2-methylphenol	40	26	ug/L	65				0	0		
	N-Nitrosodiphenylamine	40	26	ug/L	65				0	0		
	1,2,4,5-Tetrachlorobenzene	40	24	ug/L	60				0	0		
	4-Bromophenyl-phenylether	40	25	ug/L	63				0	0		
	Hexachlorobenzene	40	26	ug/L	65				0	0		
	Atrazine	40	27	ug/L	68				0	0		
	Pentachlorophenol	40	28	ug/L	70				0	0		
	Phenanthrene	40	28	ug/L	70				0	0		
	Pentachlorobenzene	40	23	ug/L	58				0	0		
	Anthracene	40	28	ug/L	70				0	0		
	1,2,3,4-Tetrachlorobenzene	40	21	ug/L	52				0	0		
	Carbazole	40	31	ug/L	78				0	0		
	Di-n-butylphthalate	40	30	ug/L	75				0	0		
	Fluoranthene	40	26	ug/L	65				0	0		
	Pyrene	40	27	ug/L	68				0	0		
	Butylbenzylphthalate	40	29	ug/L	73				0	0		
	3,3'-Dichlorobenzidine	40	27	ug/L	68				0	0		
	Benzo(a)anthracene	40	26	ug/L	65				0	0		
	Chrysene	40	26	ug/L	65				0	0		
	Bis(2-ethylhexyl)phthalate	40	30	ug/L	75				0	0		
	Di-n-octylphthalate	40	32	ug/L	80				0	0		
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(a)pyrene	40	27	ug/L	68				0	0		
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0		
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0		
	Benzo(g,h,i)perylene	40	27	ug/L	68				0	0		
	2,3,4,6-Tetrachlorophenol	40	31	ug/L	78				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK662

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG121824

SAS No.: BG121824 SDG NO.: BG121824

Lab File ID: BG063722.D

Lab Sample ID: PB165662BL

Instrument ID: BNA_G

Date Extracted: 12/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/18/2024

Level: (low/med) LOW

Time Analyzed: 12:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2AP4	P5226-06	BG063735.D	12/18/2024
E2AP6	P5226-08	BG063736.D	12/18/2024
E2AN6	P5226-11	BG063737.D	12/18/2024
E2AQ7	P5226-21	BG063738.D	12/18/2024
E2AQ8	P5226-22	BG063739.D	12/18/2024
E2AQ6	P5226-20	BG063740.D	12/19/2024
E2AR3	P5226-23	BG063741.D	12/19/2024
E2AQ5	P5226-13	BG063742.D	12/19/2024
E2AQ4	P5226-19	BG063743.D	12/19/2024
E2AP5	P5226-07	BG063744.D	12/19/2024
E2AN9	P5226-01	BG063723.D	12/18/2024
E2AP0	P5226-02	BG063724.D	12/18/2024
E2AP1	P5226-03	BG063725.D	12/18/2024
E2AP2	P5226-04	BG063726.D	12/18/2024
E2AP3	P5226-05	BG063727.D	12/18/2024
E2AR4	P5226-24	BG063728.D	12/18/2024
E2AR4MS	P5226-25MS	BG063729.D	12/18/2024
E2AR4MSD	P5226-26MSD	BG063730.D	12/18/2024
E2AP7	P5226-09	BG063731.D	12/18/2024
PB165662BS	PB165662BS	BG063732.D	12/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG121824

SAS No.: BG121824 SDG NO.: BG121824

Lab File ID: BG063747.D

Lab Sample ID: P5288-10

Instrument ID: BNA_G

Date Extracted: 12/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 09:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P5288-10	BG063747.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK676

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG121824

SAS No.: BG121824 SDG NO.: BG121824

Lab File ID: BG063746.D

Lab Sample ID: PB165676BL

Instrument ID: BNA_G

Date Extracted: 12/16/2024

Matrix: (soil/water) water

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 09:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165642TB	PB165642TB	BG063748.D	12/19/2024
C0AX5	P5235-13	BG063749.D	12/19/2024
C0AX6	P5235-14	BG063750.D	12/19/2024
C0AS9	P5235-16	BG063751.D	12/19/2024
C0AT4	P5235-17	BG063752.D	12/19/2024
C0AT9	P5235-18	BG063753.D	12/19/2024
PB165676BS	PB165676BS	BG063754.D	12/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK762

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG121824

SAS No.: BG121824 SDG NO.: BG121824

Lab File ID: BG063756.D

Lab Sample ID: PB165762BL

Instrument ID: BNA_G

Date Extracted: 12/19/2024

Matrix: (soil/water) Water

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 17:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1PK4	P5348-01	BG063757.D	12/19/2024
E1PK5	P5348-02	BG063758.D	12/19/2024
E1PK6	P5348-03	BG063759.D	12/19/2024
E1PK7	P5348-04	BG063760.D	12/19/2024
PB165762BS	PB165762BS	BG063761.D	12/19/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5226-25MS	Client Sample ID:	E2AR4MS					DataFile:	BG063729.D		
1,4-Dioxane	610		280	ug/Kg	46				15	120	
Benzaldehyde	1500		130	ug/Kg	9				0	0	
Pyridine	1500		750	ug/Kg	50				0	0	
Phenol	1500	43	890	ug/Kg	56				26	90	
Bis(2-chloroethyl)ether	1500		830	ug/Kg	55				0	0	
2-Chlorophenol	1500		880	ug/Kg	59				25	102	
2-Methylphenol	1500		850	ug/Kg	57				0	0	
2,2-oxybis(1-Chloropropane)	1500		840	ug/Kg	56				0	0	
Acetophenone	1500		850	ug/Kg	57				0	0	
4-Methylphenol	1500		880	ug/Kg	59				0	0	
N-Nitroso-di-n-propylamine	1500		830	ug/Kg	55				41	126	
Hexachloroethane	1500		720	ug/Kg	48				0	0	
Nitrobenzene	1500		830	ug/Kg	55				0	0	
Isophorone	1500		830	ug/Kg	55				0	0	
2-Nitrophenol	1500		930	ug/Kg	62				0	0	
2,4-Dimethylphenol	1500		750	ug/Kg	50				0	0	
Bis(2-chloroethoxy)methane	1500		860	ug/Kg	57				0	0	
2,4-Dichlorophenol	1500		920	ug/Kg	61				0	0	
Naphthalene	1500		860	ug/Kg	57				0	0	
4-Chloroaniline	1500		590	ug/Kg	39				0	0	
Hexachlorobutadiene	1500		700	ug/Kg	47				0	0	
Caprolactam	1500		1000	ug/Kg	67				0	0	
4-Chloro-3-methylphenol	1500		960	ug/Kg	64				26	103	
1-Methylnaphthalene	1500		880	ug/Kg	59				0	0	
2-Methylnaphthalene	1500		880	ug/Kg	59				0	0	
Hexachlorocyclopentadiene	1500		280	ug/Kg	19				0	0	
2,4,6-Trichlorophenol	1500		940	ug/Kg	63				0	0	
2,4,5-Trichlorophenol	1500		970	ug/Kg	65				0	0	
1,1'-Biphenyl	1500		880	ug/Kg	59				0	0	
2-Chloronaphthalene	1500		880	ug/Kg	59				0	0	
2-Nitroaniline	1500		1000	ug/Kg	67				0	0	
Dimethylphthalate	1500		950	ug/Kg	63				0	0	
2,6-Dinitrotoluene	1500		1000	ug/Kg	67				0	0	
Acenaphthylene	1500		920	ug/Kg	61				0	0	
3-Nitroaniline	1500		1100	ug/Kg	73				0	0	
Acenaphthene	1500		920	ug/Kg	61				31	137	
2,4-Dinitrophenol	1500		430	ug/Kg	29				0	0	
4-Nitrophenol	1500		920	ug/Kg	61				11	114	
Dibenzofuran	1500		970	ug/Kg	65				0	0	
2,4-Dinitrotoluene	1500		1100	ug/Kg	73				28	89	
Diethylphthalate	1500		1000	ug/Kg	67				0	0	
Fluorene	1500		990	ug/Kg	66				0	0	
4-Chlorophenyl-phenylether	1500		910	ug/Kg	61				0	0	
4-Nitroaniline	1500		1300	ug/Kg	87				0	0	
4,6-Dinitro-2-methylphenol	1500		860	ug/Kg	57				0	0	
N-Nitrosodiphenylamine	1500		950	ug/Kg	63				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1500		780	ug/Kg	52				0	0	
4-Bromophenyl-phenylether	1500		890	ug/Kg	59				0	0	
Hexachlorobenzene	1500		890	ug/Kg	59				0	0	
Atrazine	1500		980	ug/Kg	65				0	0	
Pentachlorophenol	1500		720	ug/Kg	48				17	109	
Phenanthrene	1500		960	ug/Kg	64				0	0	
Pentachlorobenzene	1500		780	ug/Kg	52				0	0	
Anthracene	1500		950	ug/Kg	63				0	0	
1,2,3,4-Tetrachlorobenzene	1500		710	ug/Kg	47				0	0	
Carbazole	1500		1100	ug/Kg	73				0	0	
Di-n-butylphthalate	1500		1100	ug/Kg	73				0	0	
Fluoranthene	1500		930	ug/Kg	62				0	0	
Pyrene	1500		930	ug/Kg	62				35	142	
Butylbenzylphthalate	1500		1100	ug/Kg	73				0	0	
3,3'-Dichlorobenzidine	1500		800	ug/Kg	53				0	0	
Benzo(a)anthracene	1500		880	ug/Kg	59				0	0	
Chrysene	1500		870	ug/Kg	58				0	0	
Bis(2-ethylhexyl)phthalate	1500		1100	ug/Kg	73				0	0	
Di-n-octylphthalate	1500		1200	ug/Kg	80				0	0	
Benzo(b)fluoranthene	1500		940	ug/Kg	63				0	0	
Benzo(k)fluoranthene	1500		920	ug/Kg	61				0	0	
Benzo(a)pyrene	1500		900	ug/Kg	60				0	0	
Indeno(1,2,3-cd)pyrene	1500		920	ug/Kg	61				0	0	
Dibenzo(a,h)anthracene	1500		950	ug/Kg	63				0	0	
Benzo(g,h,i)perylene	1500		910	ug/Kg	61				0	0	
2,3,4,6-Tetrachlorophenol	1500		1000	ug/Kg	67				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5226-26MSD	Client Sample ID:	E2AR4MSD					DataFile:	BG063730.D		
1,4-Dioxane	610		260	ug/Kg	43	7			15	120	50
Benzaldehyde	1500		130	ug/Kg	9	0			0	0	0
Pyridine	1500		700	ug/Kg	47	6	*		0	0	0
Phenol	1500	43	830	ug/Kg	52	7			26	90	35
Bis(2-chloroethyl)ether	1500		780	ug/Kg	52	6	*		0	0	0
2-Chlorophenol	1500		850	ug/Kg	57	3			25	102	50
2-Methylphenol	1500		790	ug/Kg	53	7	*		0	0	0
2,2-oxybis(1-Chloropropane)	1500		760	ug/Kg	51	9	*		0	0	0
Acetophenone	1500		770	ug/Kg	51	11	*		0	0	0
4-Methylphenol	1500		820	ug/Kg	55	7	*		0	0	0
N-Nitroso-di-n-propylamine	1500		770	ug/Kg	51	8			41	126	38
Hexachloroethane	1500		680	ug/Kg	45	6	*		0	0	0
Nitrobenzene	1500		800	ug/Kg	53	4	*		0	0	0
Isophorone	1500		830	ug/Kg	55	0			0	0	0
2-Nitrophenol	1500		920	ug/Kg	61	2	*		0	0	0
2,4-Dimethylphenol	1500		740	ug/Kg	49	2	*		0	0	0
Bis(2-chloroethoxy)methane	1500		840	ug/Kg	56	2	*		0	0	0
2,4-Dichlorophenol	1500		890	ug/Kg	59	3	*		0	0	0
Naphthalene	1500		830	ug/Kg	55	4	*		0	0	0
4-Chloroaniline	1500		580	ug/Kg	39	0			0	0	0
Hexachlorobutadiene	1500		700	ug/Kg	47	0			0	0	0
Caprolactam	1500		1100	ug/Kg	73	9	*		0	0	0
4-Chloro-3-methylphenol	1500		950	ug/Kg	63	2			26	103	33
1-Methylnaphthalene	1500		860	ug/Kg	57	3	*		0	0	0
2-Methylnaphthalene	1500		860	ug/Kg	57	3	*		0	0	0
Hexachlorocyclopentadiene	1500		280	ug/Kg	19	0			0	0	0
2,4,6-Trichlorophenol	1500		870	ug/Kg	58	8	*		0	0	0
2,4,5-Trichlorophenol	1500		930	ug/Kg	62	5	*		0	0	0
1,1'-Biphenyl	1500		830	ug/Kg	55	7	*		0	0	0
2-Chloronaphthalene	1500		820	ug/Kg	55	7	*		0	0	0
2-Nitroaniline	1500		940	ug/Kg	63	6	*		0	0	0
Dimethylphthalate	1500		900	ug/Kg	60	5	*		0	0	0
2,6-Dinitrotoluene	1500		980	ug/Kg	65	3	*		0	0	0
Acenaphthylene	1500		860	ug/Kg	57	7	*		0	0	0
3-Nitroaniline	1500		1100	ug/Kg	73	0			0	0	0
Acenaphthene	1500		850	ug/Kg	57	7			31	137	19
2,4-Dinitrophenol	1500		380	ug/Kg	25	15	*		0	0	0
4-Nitrophenol	1500		870	ug/Kg	58	5			11	114	50
Dibenzofuran	1500		900	ug/Kg	60	8	*		0	0	0
2,4-Dinitrotoluene	1500		1100	ug/Kg	73	0			28	89	47
Diethylphthalate	1500		960	ug/Kg	64	5	*		0	0	0
Fluorene	1500		930	ug/Kg	62	6	*		0	0	0
4-Chlorophenyl-phenylether	1500		870	ug/Kg	58	5	*		0	0	0
4-Nitroaniline	1500		1200	ug/Kg	80	8	*		0	0	0
4,6-Dinitro-2-methylphenol	1500		800	ug/Kg	53	7	*		0	0	0
N-Nitrosodiphenylamine	1500		890	ug/Kg	59	7	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1500		730	ug/Kg	49	6	*		0	0	0
4-Bromophenyl-phenylether	1500		840	ug/Kg	56	5	*		0	0	0
Hexachlorobenzene	1500		850	ug/Kg	57	3	*		0	0	0
Atrazine	1500		900	ug/Kg	60	8	*		0	0	0
Pentachlorophenol	1500		660	ug/Kg	44	9			17	109	47
Phenanthrene	1500		900	ug/Kg	60	6	*		0	0	0
Pentachlorobenzene	1500		780	ug/Kg	52	0			0	0	0
Anthracene	1500		890	ug/Kg	59	7	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1500		710	ug/Kg	47	0			0	0	0
Carbazole	1500		1000	ug/Kg	67	9	*		0	0	0
Di-n-butylphthalate	1500		960	ug/Kg	64	13	*		0	0	0
Fluoranthene	1500		890	ug/Kg	59	5	*		0	0	0
Pyrene	1500		880	ug/Kg	59	5			35	142	36
Butylbenzylphthalate	1500		1000	ug/Kg	67	9	*		0	0	0
3,3'-Dichlorobenzidine	1500		750	ug/Kg	50	6	*		0	0	0
Benzo(a)anthracene	1500		840	ug/Kg	56	5	*		0	0	0
Chrysene	1500		840	ug/Kg	56	4	*		0	0	0
Bis(2-ethylhexyl)phthalate	1500		1100	ug/Kg	73	0			0	0	0
Di-n-octylphthalate	1500		1100	ug/Kg	73	9	*		0	0	0
Benzo(b)fluoranthene	1500		870	ug/Kg	58	8	*		0	0	0
Benzo(k)fluoranthene	1500		880	ug/Kg	59	3	*		0	0	0
Benzo(a)pyrene	1500		860	ug/Kg	57	5	*		0	0	0
Indeno(1,2,3-cd)pyrene	1500		870	ug/Kg	58	5	*		0	0	0
Dibenzo(a,h)anthracene	1500		890	ug/Kg	59	7	*		0	0	0
Benzo(g,h,i)perylene	1500		860	ug/Kg	57	7	*		0	0	0
2,3,4,6-Tetrachlorophenol	1500		960	ug/Kg	64	5	*		0	0	0

Surrogate Summary

SW-846

SDG No.: **BG121824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5226-01	E2AN9	BG063723.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Pyridine-d5	40	16.99	42		20	120
			Phenol-d5	40	18.75	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.30	43		10	150
			2-Chlorophenol-d4	40	18.76	47		15	120
			4-Methylphenol-d8	40	18.37	46		10	140
			Nitrobenzene-d5	40	21.05	53		10	135
			2-Nitrophenol-d4	40	21.30	53		10	120
			2,4-Dichlorophenol-d3	40	20.01	50		10	140
			4-Chloroaniline-d4	40	20.66	52		1	145
			Dimethylphthalate-d6	40	22.85	57		10	145
			Acenaphthylene-d8	40	21.69	54		15	120
			4-Nitrophenol-d4	40	24.68	62		10	150
			Fluorene-d10	40	23.80	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.72	37		10	130
			Anthracene-d10	40	24.09	60		10	150
			Pyrene-d10	40	23.27	58		10	130
			Benzo(a)pyrene-d12	40	22.69	57		10	140
P5226-02	E2AP0	BG063724.D	1,4-Dioxane-d8	8	3.97	50		15	120
			Pyridine-d5	40	19.02	48		20	120
			Phenol-d5	40	20.14	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.94	47		10	150
			2-Chlorophenol-d4	40	21.30	53		15	120
			4-Methylphenol-d8	40	20.96	52		10	140
			Nitrobenzene-d5	40	23.39	58		10	135
			2-Nitrophenol-d4	40	23.25	58		10	120
			2,4-Dichlorophenol-d3	40	21.63	54		10	140
			4-Chloroaniline-d4	40	21.85	55		1	145
			Dimethylphthalate-d6	40	23.96	60		10	145
			Acenaphthylene-d8	40	23.00	58		15	120
			4-Nitrophenol-d4	40	24.10	60		10	150
			Fluorene-d10	40	24.37	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.17	38		10	130
			Anthracene-d10	40	23.35	58		10	150
			Pyrene-d10	40	22.22	56		10	130
			Benzo(a)pyrene-d12	40	20.85	52		10	140
P5226-03	E2AP1	BG063725.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	13.54	34		20	120
			Phenol-d5	40	15.88	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.42	36		10	150
			2-Chlorophenol-d4	40	16.02	40		15	120
			4-Methylphenol-d8	40	14.84	37		10	140
			Nitrobenzene-d5	40	15.86	40		10	135
			2-Nitrophenol-d4	40	17.85	45		10	120
			2,4-Dichlorophenol-d3	40	16.46	41		10	140
			4-Chloroaniline-d4	40	16.48	41		1	145
			Dimethylphthalate-d6	40	18.58	46		10	145
			Acenaphthylene-d8	40	16.68	42		15	120
			4-Nitrophenol-d4	40	18.05	45		10	150

Surrogate Summary

SW-846

SDG No.: **BG121824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5226-03	E2AP1	BG063725.D	Fluorene-d10	40	17.52	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.52	24		10	130
			Anthracene-d10	40	17.70	44		10	150
			Pyrene-d10	40	15.66	39		10	130
			Benzo(a)pyrene-d12	40	14.57	36		10	140
P5226-04	E2AP2	BG063726.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Pyridine-d5	40	12.78	32		20	120
			Phenol-d5	40	16.86	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.90	35		10	150
			2-Chlorophenol-d4	40	15.55	39		15	120
			4-Methylphenol-d8	40	12.82	32		10	140
			Nitrobenzene-d5	40	15.43	39		10	135
			2-Nitrophenol-d4	40	18.37	46		10	120
			2,4-Dichlorophenol-d3	40	17.54	44		10	140
			4-Chloroaniline-d4	40	18.10	45		1	145
			Dimethylphthalate-d6	40	20.86	52		10	145
			Acenaphthylene-d8	40	16.56	41		15	120
			4-Nitrophenol-d4	40	22.35	56		10	150
			Fluorene-d10	40	19.21	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.79	34		10	130
			Anthracene-d10	40	22.51	56		10	150
			Pyrene-d10	40	18.47	46		10	130
			Benzo(a)pyrene-d12	40	18.72	47		10	140
P5226-05	E2AP3	BG063727.D	1,4-Dioxane-d8	8	2.69	34		15	120
			Pyridine-d5	40	12.73	32		20	120
			Phenol-d5	40	15.00	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.22	36		10	150
			2-Chlorophenol-d4	40	15.35	38		15	120
			4-Methylphenol-d8	40	13.99	35		10	140
			Nitrobenzene-d5	40	16.31	41		10	135
			2-Nitrophenol-d4	40	16.95	42		10	120
			2,4-Dichlorophenol-d3	40	15.95	40		10	140
			4-Chloroaniline-d4	40	15.52	39		1	145
			Dimethylphthalate-d6	40	16.47	41		10	145
			Acenaphthylene-d8	40	15.86	40		15	120
			4-Nitrophenol-d4	40	17.14	43		10	150
			Fluorene-d10	40	17.25	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.22	28		10	130
			Anthracene-d10	40	17.04	43		10	150
			Pyrene-d10	40	16.48	41		10	130
			Benzo(a)pyrene-d12	40	15.30	38		10	140
P5226-06	E2AP4	BG063735.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	15.11	38		20	120
			Phenol-d5	40	16.88	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.80	40		10	150
			2-Chlorophenol-d4	40	17.09	43		15	120
			4-Methylphenol-d8	40	16.28	41		10	140
			Nitrobenzene-d5	40	18.41	46		10	135
			2-Nitrophenol-d4	40	18.73	47		10	120

Surrogate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5226-06	E2AP4	BG063735.D	2,4-Dichlorophenol-d3	40	17.71	44		10	140
			4-Chloroaniline-d4	40	18.10	45		1	145
			Dimethylphthalate-d6	40	20.03	50		10	145
			Acenaphthylene-d8	40	19.12	48		15	120
			4-Nitrophenol-d4	40	19.45	49		10	150
			Fluorene-d10	40	20.46	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.37	31		10	130
			Anthracene-d10	40	19.79	49		10	150
			Pyrene-d10	40	18.68	47		10	130
			Benzo(a)pyrene-d12	40	17.63	44		10	140
P5226-07	E2AP5	BG063744.D	1,4-Dioxane-d8	8	3.65	46		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.11	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.66	44		10	150
			2-Chlorophenol-d4	40	18.82	47		15	120
			4-Methylphenol-d8	40	12.69	32		10	140
			Nitrobenzene-d5	40	20.45	51		10	135
			2-Nitrophenol-d4	40	22.28	56		10	120
			2,4-Dichlorophenol-d3	40	20.34	51		10	140
			4-Chloroaniline-d4	40	13.15	33		1	145
			Dimethylphthalate-d6	40	22.28	56		10	145
			Acenaphthylene-d8	40	22.16	55		15	120
			4-Nitrophenol-d4	40	17.99	45		10	150
			Fluorene-d10	40	23.81	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.49	29		10	130
			Anthracene-d10	40	22.73	57		10	150
			Pyrene-d10	40	20.43	51		10	130
			Benzo(a)pyrene-d12	40	15.03	38		10	140
P5226-08	E2AP6	BG063736.D	1,4-Dioxane-d8	8	2.89	36		15	120
			Pyridine-d5	40	13.48	34		20	120
			Phenol-d5	40	17.49	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.38	41		10	150
			2-Chlorophenol-d4	40	17.26	43		15	120
			4-Methylphenol-d8	40	17.48	44		10	140
			Nitrobenzene-d5	40	18.59	46		10	135
			2-Nitrophenol-d4	40	18.40	46		10	120
			2,4-Dichlorophenol-d3	40	17.84	45		10	140
			4-Chloroaniline-d4	40	18.69	47		1	145
			Dimethylphthalate-d6	40	20.32	51		10	145
			Acenaphthylene-d8	40	19.45	49		15	120
			4-Nitrophenol-d4	40	19.77	49		10	150
			Fluorene-d10	40	21.27	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.49	29		10	130
			Anthracene-d10	40	20.25	51		10	150
			Pyrene-d10	40	19.22	48		10	130
			Benzo(a)pyrene-d12	40	18.25	46		10	140
P5226-09	E2AP7	BG063731.D	1,4-Dioxane-d8	8	2.56	32		15	120
			Pyridine-d5	40	11.65	29		20	120
			Phenol-d5	40	13.82	35		10	130

Surrogate Summary

SW-846

SDG No.: **BG121824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5226-09	E2AP7	BG063731.D	Bis(2-Chloroethyl)ether-d8	40	12.90	32		10	150
			2-Chlorophenol-d4	40	13.55	34		15	120
			4-Methylphenol-d8	40	13.61	34		10	140
			Nitrobenzene-d5	40	14.94	37		10	135
			2-Nitrophenol-d4	40	15.54	39		10	120
			2,4-Dichlorophenol-d3	40	14.95	37		10	140
			4-Chloroaniline-d4	40	15.45	39		1	145
			Dimethylphthalate-d6	40	16.54	41		10	145
			Acenaphthylene-d8	40	16.09	40		15	120
			4-Nitrophenol-d4	40	14.99	37		10	150
			Fluorene-d10	40	17.29	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.21	21		10	130
			Anthracene-d10	40	16.81	42		10	150
			Pyrene-d10	40	16.73	42		10	130
			Benzo(a)pyrene-d12	40	15.90	40		10	140
P5226-11	E2AN6	BG063737.D	1,4-Dioxane-d8	8	3.64	45		15	120
			Pyridine-d5	40	17.17	43		20	120
			Phenol-d5	40	19.33	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.30	46		10	150
			2-Chlorophenol-d4	40	19.38	48		15	120
			4-Methylphenol-d8	40	18.60	46		10	140
			Nitrobenzene-d5	40	19.77	49		10	135
			2-Nitrophenol-d4	40	21.16	53		10	120
			2,4-Dichlorophenol-d3	40	20.01	50		10	140
			4-Chloroaniline-d4	40	19.69	49		1	145
			Dimethylphthalate-d6	40	21.01	53		10	145
			Acenaphthylene-d8	40	20.95	52		15	120
			4-Nitrophenol-d4	40	21.42	54		10	150
			Fluorene-d10	40	22.40	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.15	33		10	130
			Anthracene-d10	40	20.66	52		10	150
			Pyrene-d10	40	20.05	50		10	130
P5226-13	E2AQ5	BG063742.D	Benzo(a)pyrene-d12	40	19.44	49		10	140
			1,4-Dioxane-d8	8	3.34	42		15	120
			Pyridine-d5	40	16.03	40		20	120
			Phenol-d5	40	18.64	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.50	44		10	150
			2-Chlorophenol-d4	40	18.81	47		15	120
			4-Methylphenol-d8	40	18.07	45		10	140
			Nitrobenzene-d5	40	19.32	48		10	135
			2-Nitrophenol-d4	40	20.53	51		10	120
			2,4-Dichlorophenol-d3	40	19.22	48		10	140
			4-Chloroaniline-d4	40	19.53	49		1	145
			Dimethylphthalate-d6	40	20.19	50		10	145
			Acenaphthylene-d8	40	20.39	51		15	120
			4-Nitrophenol-d4	40	19.73	49		10	150
			Fluorene-d10	40	21.92	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.61	34		10	130
			Anthracene-d10	40	21.73	54		10	150

Surrogate Summary

SW-846

SDG No.: **BG121824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5226-13	E2AQ5	BG063742.D	Pyrene-d10	40	20.47	51		10	130
			Benzo(a)pyrene-d12	40	19.92	50		10	140
P5226-19	E2AQ4	BG063743.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	17.06	43		20	120
			Phenol-d5	40	18.64	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.60	44		10	150
			2-Chlorophenol-d4	40	19.02	48		15	120
			4-Methylphenol-d8	40	16.10	40		10	140
			Nitrobenzene-d5	40	19.87	50		10	135
			2-Nitrophenol-d4	40	21.34	53		10	120
			2,4-Dichlorophenol-d3	40	19.17	48		10	140
			4-Chloroaniline-d4	40	18.57	46		1	145
			Dimethylphthalate-d6	40	20.26	51		10	145
			Acenaphthylene-d8	40	19.17	48		15	120
			4-Nitrophenol-d4	40	19.19	48		10	150
			Fluorene-d10	40	20.48	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.00	27		10	130
			Anthracene-d10	40	19.35	48		10	150
			Pyrene-d10	40	17.34	43		10	130
			Benzo(a)pyrene-d12	40	16.55	41		10	140
P5226-20	E2AQ6	BG063740.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Pyridine-d5	40	15.29	38		20	120
			Phenol-d5	40	18.40	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.65	44		10	150
			2-Chlorophenol-d4	40	18.37	46		15	120
			4-Methylphenol-d8	40	18.17	45		10	140
			Nitrobenzene-d5	40	19.52	49		10	135
			2-Nitrophenol-d4	40	19.62	49		10	120
			2,4-Dichlorophenol-d3	40	18.36	46		10	140
			4-Chloroaniline-d4	40	17.45	44		1	145
			Dimethylphthalate-d6	40	19.72	49		10	145
			Acenaphthylene-d8	40	19.28	48		15	120
			4-Nitrophenol-d4	40	18.44	46		10	150
			Fluorene-d10	40	20.14	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.04	28		10	130
			Anthracene-d10	40	19.21	48		10	150
			Pyrene-d10	40	17.41	44		10	130
			Benzo(a)pyrene-d12	40	16.47	41		10	140
P5226-21	E2AQ7	BG063738.D	1,4-Dioxane-d8	8	3.18	40		15	120
			Pyridine-d5	40	14.42	36		20	120
			Phenol-d5	40	16.71	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.57	41		10	150
			2-Chlorophenol-d4	40	17.04	43		15	120
			4-Methylphenol-d8	40	15.17	38		10	140
			Nitrobenzene-d5	40	18.43	46		10	135
			2-Nitrophenol-d4	40	18.51	46		10	120
			2,4-Dichlorophenol-d3	40	17.73	44		10	140
			4-Chloroaniline-d4	40	18.00	45		1	145
			Dimethylphthalate-d6	40	19.03	48		10	145

Surrogate Summary

SW-846

SDG No.: **BG121824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5226-21	E2AQ7	BG063738.D	Acenaphthylene-d8	40	18.40	46		15	120
			4-Nitrophenol-d4	40	17.53	44		10	150
			Fluorene-d10	40	19.66	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.42	26		10	130
			Anthracene-d10	40	19.34	48		10	150
			Pyrene-d10	40	17.51	44		10	130
			Benzo(a)pyrene-d12	40	17.31	43		10	140
P5226-22	E2AQ8	BG063739.D	1,4-Dioxane-d8	8	3.57	45		15	120
			Pyridine-d5	40	18.08	45		20	120
			Phenol-d5	40	20.72	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.94	50		10	150
			2-Chlorophenol-d4	40	20.62	52		15	120
			4-Methylphenol-d8	40	21.74	54		10	140
			Nitrobenzene-d5	40	21.40	53		10	135
			2-Nitrophenol-d4	40	22.51	56		10	120
			2,4-Dichlorophenol-d3	40	21.63	54		10	140
			4-Chloroaniline-d4	40	21.97	55		1	145
			Dimethylphthalate-d6	40	24.71	62		10	145
			Acenaphthylene-d8	40	23.57	59		15	120
			4-Nitrophenol-d4	40	25.02	63		10	150
			Fluorene-d10	40	25.76	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.00	35		10	130
			Anthracene-d10	40	24.90	62		10	150
			Pyrene-d10	40	23.60	59		10	130
			Benzo(a)pyrene-d12	40	22.93	57		10	140
			1,4-Dioxane-d8	8	2.61	33		15	120
			Pyridine-d5	40	12.99	32		20	120
P5226-23	E2AR3	BG063741.D	Phenol-d5	40	14.50	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.42	34		10	150
			2-Chlorophenol-d4	40	14.64	37		15	120
			4-Methylphenol-d8	40	13.64	34		10	140
			Nitrobenzene-d5	40	15.93	40		10	135
			2-Nitrophenol-d4	40	16.04	40		10	120
			2,4-Dichlorophenol-d3	40	15.78	39		10	140
			4-Chloroaniline-d4	40	15.51	39		1	145
			Dimethylphthalate-d6	40	17.28	43		10	145
			Acenaphthylene-d8	40	16.14	40		15	120
			4-Nitrophenol-d4	40	16.93	42		10	150
			Fluorene-d10	40	16.52	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.69	24		10	130
			Anthracene-d10	40	16.61	42		10	150
			Pyrene-d10	40	13.67	34		10	130
			Benzo(a)pyrene-d12	40	12.88	32		10	140
P5226-24	E2AR4	BG063728.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Pyridine-d5	40	14.19	35		20	120
			Phenol-d5	40	15.88	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.24	38		10	150
			2-Chlorophenol-d4	40	16.77	42		15	120
			4-Methylphenol-d8	40	16.02	40		10	140

Surrogate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5226-24	E2AR4	BG063728.D	Nitrobenzene-d5	40	18.48	46		10	135
			2-Nitrophenol-d4	40	19.80	49		10	120
			2,4-Dichlorophenol-d3	40	17.78	44		10	140
			4-Chloroaniline-d4	40	18.73	47		1	145
			Dimethylphthalate-d6	40	20.31	51		10	145
			Acenaphthylene-d8	40	19.15	48		15	120
			4-Nitrophenol-d4	40	20.24	51		10	150
			Fluorene-d10	40	20.45	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.32	31		10	130
			Anthracene-d10	40	20.42	51		10	150
			Pyrene-d10	40	19.04	48		10	130
			Benzo(a)pyrene-d12	40	17.84	45		10	140
P5226-25MS	E2AR4MS	BG063729.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Pyridine-d5	40	18.05	45		20	120
			Phenol-d5	40	21.40	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.16	50		10	150
			2-Chlorophenol-d4	40	21.28	53		15	120
			4-Methylphenol-d8	40	21.37	53		10	140
			Nitrobenzene-d5	40	22.51	56		10	135
			2-Nitrophenol-d4	40	23.80	60		10	120
			2,4-Dichlorophenol-d3	40	21.96	55		10	140
			4-Chloroaniline-d4	40	21.18	53		1	145
			Dimethylphthalate-d6	40	23.89	60		10	145
			Acenaphthylene-d8	40	21.45	54		15	120
			4-Nitrophenol-d4	40	25.98	65		10	150
			Fluorene-d10	40	21.83	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.15	48		10	130
			Anthracene-d10	40	20.39	51		10	150
			Pyrene-d10	40	18.64	47		10	130
			Benzo(a)pyrene-d12	40	17.32	43		10	140
P5226-26MSD	E2AR4MSD	BG063730.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	16.71	42		20	120
			Phenol-d5	40	20.21	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.74	47		10	150
			2-Chlorophenol-d4	40	19.84	50		15	120
			4-Methylphenol-d8	40	20.02	50		10	140
			Nitrobenzene-d5	40	21.50	54		10	135
			2-Nitrophenol-d4	40	22.82	57		10	120
			2,4-Dichlorophenol-d3	40	22.49	56		10	140
			4-Chloroaniline-d4	40	20.97	52		1	145
			Dimethylphthalate-d6	40	22.51	56		10	145
			Acenaphthylene-d8	40	20.26	51		15	120
			4-Nitrophenol-d4	40	24.48	61		10	150
			Fluorene-d10	40	20.57	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.63	44		10	130
			Anthracene-d10	40	19.68	49		10	150
			Pyrene-d10	40	17.94	45		10	130
			Benzo(a)pyrene-d12	40	16.26	41		10	140
PB165662BL	PB165662BL	BG063722.D	Pyridine-d5	40	26.30	66		20	120

Surrogate Summary

SW-846

SDG No.: **BG121824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165662BL	PB165662BL	BG063722.D	1,4-Dioxane-d8	8	5.23	65		15	120
		BG063734.D	1,4-Dioxane-d8	8	5.51	69		15	120
			Pyridine-d5	40	26.53	66		20	120
			Phenol-d5	40	28.21	71		10	130
		BG063722.D	Phenol-d5	40	27.79	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.88	62		10	150
		BG063734.D	Bis(2-Chloroethyl)ether-d8	40	25.24	63		10	150
			2-Chlorophenol-d4	40	28.36	71		15	120
		BG063722.D	2-Chlorophenol-d4	40	29.10	73		15	120
			4-Methylphenol-d8	40	27.04	68		10	140
		BG063734.D	4-Methylphenol-d8	40	26.38	66		10	140
			Nitrobenzene-d5	40	29.57	74		10	135
		BG063722.D	Nitrobenzene-d5	40	29.69	74		10	135
			2-Nitrophenol-d4	40	30.90	77		10	120
		BG063734.D	2-Nitrophenol-d4	40	30.17	75		10	120
			2,4-Dichlorophenol-d3	40	29.31	73		10	140
		BG063722.D	2,4-Dichlorophenol-d3	40	29.95	75		10	140
			4-Chloroaniline-d4	40	29.42	74		1	145
		BG063734.D	4-Chloroaniline-d4	40	28.97	72		1	145
			Dimethylphthalate-d6	40	29.27	73		10	145
		BG063722.D	Dimethylphthalate-d6	40	29.12	73		10	145
			Acenaphthylene-d8	40	28.60	71		15	120
		BG063734.D	Acenaphthylene-d8	40	29.82	75		15	120
			4-Nitrophenol-d4	40	33.36	83		10	150
		BG063722.D	4-Nitrophenol-d4	40	34.65	87		10	150
			Fluorene-d10	40	30.35	76		20	140
		BG063734.D	Fluorene-d10	40	31.72	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.54	54		10	130
		BG063722.D	4,6-Dinitro-2-methylphenol-d2	40	23.29	58		10	130
			Anthracene-d10	40	30.65	77		10	150
		BG063734.D	Anthracene-d10	40	30.64	77		10	150
			Pyrene-d10	40	28.45	71		10	130
		BG063722.D	Pyrene-d10	40	28.79	72		10	130
			Benzo(a)pyrene-d12	40	29.45	74		10	140
		BG063734.D	Benzo(a)pyrene-d12	40	29.72	74		10	140
PB165662BS	PB165662BS	BG063732.D	Pyridine-d5	40	26.81	67		20	120
			1,4-Dioxane-d8	8	5.27	66		15	120
			Phenol-d5	40	29.22	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.92	62		10	150
			2-Chlorophenol-d4	40	30.03	75		15	120
			4-Methylphenol-d8	40	28.61	72		10	140
			Nitrobenzene-d5	40	31.07	78		10	135
			2-Nitrophenol-d4	40	30.62	77		10	120
			2,4-Dichlorophenol-d3	40	32.37	81		10	140
			4-Chloroaniline-d4	40	28.44	71		1	145
			Dimethylphthalate-d6	40	30.40	76		10	145
			Acenaphthylene-d8	40	30.15	75		15	120
			4-Nitrophenol-d4	40	37.52	94		10	150
			Fluorene-d10	40	31.62	79		20	140

Surrogate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165662BS	PB165662BS	BG063732.D	4,6-Dinitro-2-methylphenol-d2	40	31.21	78		10	130
			Anthracene-d10	40	31.02	78		10	150
			Pyrene-d10	40	28.78	72		10	130
			Benzo(a)pyrene-d12	40	30.00	75		10	140

Surrogate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5288-10	SVOC-GPC2-BLA1BG063747.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: **BG121824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5235-13	C0AX5	BG063749.D	1,4-Dioxane-d8	80	52.44	65		15	120
			Pyridine-d5	400	34.80	8	*	20	120
			Phenol-d5	400	103.28	25		10	130
			Bis(2-Chloroethyl)ether-d8	400	370.60	92		25	120
			2-Chlorophenol-d4	400	342.60	85		20	130
			4-Methylphenol-d8	400	242.59	60		25	125
			Nitrobenzene-d5	400	422.61	105		20	125
			2-Nitrophenol-d4	400	441.82	110		20	130
			2,4-Dichlorophenol-d3	400	391.07	97		20	120
			4-Chloroaniline-d4	400	90.95	22		1	146
			Dimethylphthalate-d6	400	416.37	104		25	130
			Acenaphthylene-d8	400	418.09	104		10	130
			4-Nitrophenol-d4	400	95.27	23		10	150
			Fluorene-d10	400	461.25	115		25	125
			4,6-Dinitro-2-methylphenol-d2	400	337.81	84		10	130
			Anthracene-d10	400	453.25	113		25	130
			Pyrene-d10	400	430.98	107		15	130
			Benzo(a)pyrene-d12	400	446.74	111		20	130
P5235-14	C0AX6	BG063750.D	1,4-Dioxane-d8	80	56.75	70		15	120
			Pyridine-d5	400	118.00	29		20	120
			Phenol-d5	400	112.78	28		10	130
			Bis(2-Chloroethyl)ether-d8	400	388.42	97		25	120
			2-Chlorophenol-d4	400	367.87	92		20	130
			4-Methylphenol-d8	400	264.97	66		25	125
			Nitrobenzene-d5	400	431.60	107		20	125
			2-Nitrophenol-d4	400	451.98	113		20	130
			2,4-Dichlorophenol-d3	400	436.21	109		20	120
			4-Chloroaniline-d4	400	278.43	69		1	146
			Dimethylphthalate-d6	400	487.66	121		25	130
			Acenaphthylene-d8	400	481.54	120		10	130
			4-Nitrophenol-d4	400	135.54	33		10	150
			Fluorene-d10	400	533.40	133	*	25	125
			4,6-Dinitro-2-methylphenol-d2	400	438.68	109		10	130
			Anthracene-d10	400	527.81	132	*	25	130
			Pyrene-d10	400	516.59	129		15	130
			Benzo(a)pyrene-d12	400	523.25	130	*	20	130
P5235-16	C0AS9	BG063751.D	1,4-Dioxane-d8	80	54.27	67		15	120
			Pyridine-d5	400	92.78	23		20	120
			Phenol-d5	400	107.77	26		10	130
			Bis(2-Chloroethyl)ether-d8	400	346.56	86		25	120
			2-Chlorophenol-d4	400	346.91	86		20	130
			4-Methylphenol-d8	400	249.99	62		25	125
			Nitrobenzene-d5	400	393.28	98		20	125
			2-Nitrophenol-d4	400	405.17	101		20	130
			2,4-Dichlorophenol-d3	400	417.10	104		20	120
			4-Chloroaniline-d4	400	358.46	89		1	146
			Dimethylphthalate-d6	400	431.37	107		25	130
			Acenaphthylene-d8	400	422.75	105		10	130
			4-Nitrophenol-d4	400	127.82	32		10	150

Surrogate Summary

SW-846

SDG No.: **BG121824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5235-16	C0AS9	BG063751.D	Fluorene-d10	400	458.93	114		25	125
			4,6-Dinitro-2-methylphenol-d2	400	397.78	99		10	130
			Anthracene-d10	400	472.55	118		25	130
			Pyrene-d10	400	456.80	114		15	130
			Benzo(a)pyrene-d12	400	467.44	116		20	130
P5235-17	C0AT4	BG063752.D	1,4-Dioxane-d8	80	55.54	69		15	120
			Pyridine-d5	400	138.78	34		20	120
			Phenol-d5	400	111.63	27		10	130
			Bis(2-Chloroethyl)ether-d8	400	402.42	100		25	120
			2-Chlorophenol-d4	400	366.80	91		20	130
			4-Methylphenol-d8	400	251.17	62		25	125
			Nitrobenzene-d5	400	445.27	111		20	125
			2-Nitrophenol-d4	400	453.35	113		20	130
			2,4-Dichlorophenol-d3	400	455.14	113		20	120
			4-Chloroaniline-d4	400	329.35	82		1	146
			Dimethylphthalate-d6	400	474.56	118		25	130
			Acenaphthylene-d8	400	476.57	119		10	130
			4-Nitrophenol-d4	400	124.49	31		10	150
			Fluorene-d10	400	516.57	129	*	25	125
			4,6-Dinitro-2-methylphenol-d2	400	404.29	101		10	130
			Anthracene-d10	400	486.36	121		25	130
			Pyrene-d10	400	471.25	117		15	130
			Benzo(a)pyrene-d12	400	469.11	117		20	130
P5235-18	C0AT9	BG063753.D	1,4-Dioxane-d8	80	55.49	69		15	120
			Pyridine-d5	400	79.95	20		20	120
			Phenol-d5	400	94.74	23		10	130
			Bis(2-Chloroethyl)ether-d8	400	402.02	100		25	120
			2-Chlorophenol-d4	400	355.62	88		20	130
			4-Methylphenol-d8	400	227.40	56		25	125
			Nitrobenzene-d5	400	460.65	115		20	125
			2-Nitrophenol-d4	400	467.29	116		20	130
			2,4-Dichlorophenol-d3	400	435.46	108		20	120
			4-Chloroaniline-d4	400	346.19	86		1	146
			Dimethylphthalate-d6	400	472.81	118		25	130
			Acenaphthylene-d8	400	469.85	117		10	130
			4-Nitrophenol-d4	400	105.80	26		10	150
			Fluorene-d10	400	509.40	127	*	25	125
			4,6-Dinitro-2-methylphenol-d2	400	413.19	103		10	130
			Anthracene-d10	400	502.11	125		25	130
			Pyrene-d10	400	484.44	121		15	130
			Benzo(a)pyrene-d12	400	514.24	128		20	130
PB165642TB	PB165642TB	BG063748.D	1,4-Dioxane-d8	80	69.18	86		15	120
			Pyridine-d5	400	355.18	88		20	120
			Phenol-d5	400	374.42	93		10	130
			Bis(2-Chloroethyl)ether-d8	400	334.97	83		25	120
			2-Chlorophenol-d4	400	380.41	95		20	130
			4-Methylphenol-d8	400	357.00	89		25	125
			Nitrobenzene-d5	400	393.49	98		20	125
			2-Nitrophenol-d4	400	396.52	99		20	130

Surrogate Summary

SW-846

SDG No.: **BG121824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165642TB	PB165642TB	BG063748.D	2,4-Dichlorophenol-d3	400	379.26	94		20	120
			4-Chloroaniline-d4	400	381.72	95		1	146
			Dimethylphthalate-d6	400	384.48	96		25	130
			Acenaphthylene-d8	400	393.48	98		10	130
			4-Nitrophenol-d4	400	403.72	100		10	150
			Fluorene-d10	400	427.03	106		25	125
			4,6-Dinitro-2-methylphenol-d2	400	257.01	64		10	130
			Anthracene-d10	400	414.30	103		25	130
			Pyrene-d10	400	393.90	98		15	130
			Benzo(a)pyrene-d12	400	397.72	99		20	130
PB165676BL	PB165676BL	BG063746.D	1,4-Dioxane-d8	8	6.59	82		15	120
			Pyridine-d5	40	32.21	81		20	120
			Phenol-d5	40	31.69	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.09	70		25	120
			2-Chlorophenol-d4	40	33.24	83		20	130
			4-Methylphenol-d8	40	30.80	77		25	125
			Nitrobenzene-d5	40	33.28	83		20	125
			2-Nitrophenol-d4	40	33.84	85		20	130
			2,4-Dichlorophenol-d3	40	33.05	83		20	120
			4-Chloroaniline-d4	40	32.38	81		1	146
			Dimethylphthalate-d6	40	32.34	81		25	130
			Acenaphthylene-d8	40	32.75	82		10	130
			4-Nitrophenol-d4	40	35.60	89		10	150
			Fluorene-d10	40	35.59	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.19	58		10	130
			Anthracene-d10	40	35.05	88		25	130
			Pyrene-d10	40	33.19	83		15	130
			Benzo(a)pyrene-d12	40	33.91	85		20	130
PB165676BS	PB165676BS	BG063754.D	1,4-Dioxane-d8	8	6.26	78		15	120
			Pyridine-d5	40	32.24	81		20	120
			Phenol-d5	40	35.69	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.33	78		25	120
			2-Chlorophenol-d4	40	36.20	91		20	130
			4-Methylphenol-d8	40	34.35	86		25	125
			Nitrobenzene-d5	40	37.09	93		20	125
			2-Nitrophenol-d4	40	38.57	96		20	130
			2,4-Dichlorophenol-d3	40	38.92	97		20	120
			4-Chloroaniline-d4	40	33.19	83		1	146
			Dimethylphthalate-d6	40	35.20	88		25	130
			Acenaphthylene-d8	40	35.03	88		10	130
			4-Nitrophenol-d4	40	42.99	107		10	150
			Fluorene-d10	40	37.69	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.33	91		10	130
			Anthracene-d10	40	36.49	91		25	130
			Pyrene-d10	40	34.44	86		15	130
			Benzo(a)pyrene-d12	40	35.91	90		20	130

Surrogate Summary

SW-846

SDG No.: **BG121824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5348-01	E1PK4	BG063757.D	Pyridine-d5	40	4.90	12	*	20	120
			1,4-Dioxane-d8	8	5.14	64		15	120
			Phenol-d5	40	7.15	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.61	62		25	120
			2-Chlorophenol-d4	40	23.50	59		20	130
			4-Methylphenol-d8	40	15.99	40		25	125
			Nitrobenzene-d5	40	26.12	65		20	125
			2-Nitrophenol-d4	40	27.97	70		20	130
			2,4-Dichlorophenol-d3	40	27.01	68		20	120
			4-Chloroaniline-d4	40	22.39	56		1	146
			Dimethylphthalate-d6	40	29.45	74		25	130
			Acenaphthylene-d8	40	27.88	70		10	130
			4-Nitrophenol-d4	40	7.72	19		10	150
			Fluorene-d10	40	31.32	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.04	58		10	130
			Anthracene-d10	40	32.03	80		25	130
			Pyrene-d10	40	31.23	78		15	130
			Benzo(a)pyrene-d12	40	31.70	79		20	130
P5348-02	E1PK5	BG063758.D	1,4-Dioxane-d8	8	4.34	54		15	120
			Pyridine-d5	40	5.37	13	*	20	120
			Phenol-d5	40	8.27	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.10	75		25	120
			2-Chlorophenol-d4	40	28.98	72		20	130
			4-Methylphenol-d8	40	19.36	48		25	125
			Nitrobenzene-d5	40	33.32	83		20	125
			2-Nitrophenol-d4	40	35.73	89		20	130
			2,4-Dichlorophenol-d3	40	32.74	82		20	120
			4-Chloroaniline-d4	40	22.38	56		1	146
			Dimethylphthalate-d6	40	35.26	88		25	130
			Acenaphthylene-d8	40	35.08	88		10	130
			4-Nitrophenol-d4	40	9.59	24		10	150
			Fluorene-d10	40	39.18	98		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.04	73		10	130
			Anthracene-d10	40	38.58	96		25	130
			Pyrene-d10	40	37.56	94		15	130
			Benzo(a)pyrene-d12	40	38.84	97		20	130
P5348-03	E1PK6	BG063759.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	5.46	14	*	20	120
			Phenol-d5	40	8.30	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.14	78		25	120
			2-Chlorophenol-d4	40	29.95	75		20	130
			4-Methylphenol-d8	40	20.00	50		25	125
			Nitrobenzene-d5	40	35.06	88		20	125
			2-Nitrophenol-d4	40	35.84	90		20	130
			2,4-Dichlorophenol-d3	40	35.12	88		20	120
			4-Chloroaniline-d4	40	23.36	58		1	146
			Dimethylphthalate-d6	40	37.35	93		25	130
			Acenaphthylene-d8	40	37.07	93		10	130
			4-Nitrophenol-d4	40	8.98	22		10	150

Surrogate Summary

SW-846

SDG No.: **BG121824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5348-03	E1PK6	BG063759.D	Fluorene-d10	40	40.60	102		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.87	75		10	130
			Anthracene-d10	40	40.21	101		25	130
			Pyrene-d10	40	38.86	97		15	130
			Benzo(a)pyrene-d12	40	40.09	100		20	130
P5348-04	E1PK7	BG063760.D	1,4-Dioxane-d8	8	4.28	53		15	120
			Pyridine-d5	40	5.20	13	*	20	120
			Phenol-d5	40	7.69	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.16	70		25	120
			2-Chlorophenol-d4	40	26.73	67		20	130
			4-Methylphenol-d8	40	17.55	44		25	125
			Nitrobenzene-d5	40	31.94	80		20	125
			2-Nitrophenol-d4	40	33.16	83		20	130
			2,4-Dichlorophenol-d3	40	31.48	79		20	120
			4-Chloroaniline-d4	40	23.59	59		1	146
			Dimethylphthalate-d6	40	32.98	82		25	130
			Acenaphthylene-d8	40	33.00	83		10	130
			4-Nitrophenol-d4	40	8.18	20		10	150
			Fluorene-d10	40	36.57	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.03	65		10	130
			Anthracene-d10	40	37.49	94		25	130
			Pyrene-d10	40	35.72	89		15	130
			Benzo(a)pyrene-d12	40	36.17	90		20	130
PB165762BL	PB165762BL	BG063756.D	Pyridine-d5	40	29.17	73		20	120
			1,4-Dioxane-d8	8	5.69	71		15	120
			Phenol-d5	40	28.00	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.24	63		25	120
			2-Chlorophenol-d4	40	27.75	69		20	130
			4-Methylphenol-d8	40	26.98	67		25	125
			Nitrobenzene-d5	40	29.81	75		20	125
			2-Nitrophenol-d4	40	31.28	78		20	130
			2,4-Dichlorophenol-d3	40	29.67	74		20	120
			4-Chloroaniline-d4	40	29.58	74		1	146
			Dimethylphthalate-d6	40	29.63	74		25	130
			Acenaphthylene-d8	40	29.77	74		10	130
			4-Nitrophenol-d4	40	31.17	78		10	150
			Fluorene-d10	40	33.02	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.39	46		10	130
			Anthracene-d10	40	31.78	79		25	130
			Pyrene-d10	40	30.12	75		15	130
			Benzo(a)pyrene-d12	40	30.40	76		20	130
PB165762BS	PB165762BS	BG063761.D	1,4-Dioxane-d8	8	4.70	59		15	120
			Pyridine-d5	40	23.16	58		20	120
			Phenol-d5	40	26.08	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.93	57		25	120
			2-Chlorophenol-d4	40	26.71	67		20	130
			4-Methylphenol-d8	40	25.17	63		25	125
			Nitrobenzene-d5	40	25.52	64		20	125
			2-Nitrophenol-d4	40	25.99	65		20	130

Surrogate Summary

SW-846

SDG No.: BG121824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165762BS	PB165762BS	BG063761.D	2,4-Dichlorophenol-d3	40	28.03	70		20	120
			4-Chloroaniline-d4	40	24.38	61		1	146
			Dimethylphthalate-d6	40	25.97	65		25	130
			Acenaphthylene-d8	40	26.13	65		10	130
			4-Nitrophenol-d4	40	30.99	77		10	150
			Fluorene-d10	40	27.91	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.79	64		10	130
			Anthracene-d10	40	27.03	68		25	130
			Pyrene-d10	40	25.01	63		15	130
			Benzo(a)pyrene-d12	40	26.41	66		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG121824

Lab Code: CHEM

SAS No.: BG121824 SDG NO.: BG121824

Lab File ID: BG063720.D

DFTPP Injection Date: 12/18/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.8
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	42.7
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	11.4
442	Greater than 50% of mass 198	70
443	15.0 - 24.0% of mass 442	13.5 (19.4) 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
SSTD020571	SSTDCCC020	BG063721.D	12/18/2024	11:34
SBLK662	PB165662BL	BG063722.D	12/18/2024	12:12
E2AN9	P5226-01	BG063723.D	12/18/2024	12:56
E2AP0	P5226-02	BG063724.D	12/18/2024	13:43
E2AP1	P5226-03	BG063725.D	12/18/2024	14:21
E2AP2	P5226-04	BG063726.D	12/18/2024	14:58
E2AP3	P5226-05	BG063727.D	12/18/2024	15:36
E2AR4	P5226-24	BG063728.D	12/18/2024	16:14
E2AR4MS	P5226-25MS	BG063729.D	12/18/2024	16:52
E2AR4MSD	P5226-26MSD	BG063730.D	12/18/2024	17:30
E2AP7	P5226-09	BG063731.D	12/18/2024	18:07
SLCS662	PB165662BS	BG063732.D	12/18/2024	18:45
SSTD020572	SSTDCCC020	BG063733.D	12/18/2024	19:23
SBLK662	PB165662BL	BG063734.D	12/18/2024	20:38
E2AP4	P5226-06	BG063735.D	12/18/2024	21:16
E2AP6	P5226-08	BG063736.D	12/18/2024	21:53
E2AN6	P5226-11	BG063737.D	12/18/2024	22:31
E2AQ7	P5226-21	BG063738.D	12/18/2024	23:09

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG121824

Lab Code: CHEM

SAS No.: BG121824 SDG NO.: BG121824

Lab File ID: BG063720.D

DFTPP Injection Date: 12/18/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.8
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	42.7
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	11.4
442	Greater than 50% of mass 198	70
443	15.0 - 24.0% of mass 442	13.5 (19.4) 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
E2AQ8	P5226-22	BG063739.D	12/18/2024	23:47
E2AQ6	P5226-20	BG063740.D	12/19/2024	00:24
E2AR3	P5226-23	BG063741.D	12/19/2024	01:02
E2AQ5	P5226-13	BG063742.D	12/19/2024	01:40
E2AQ4	P5226-19	BG063743.D	12/19/2024	02:18
E2AP5	P5226-07	BG063744.D	12/19/2024	02:55
SSTD020573	SSTDCCC020	BG063745.D	12/19/2024	04:11
SBLK676	PB165676BL	BG063746.D	12/19/2024	09:04
SVOC-GPC2-BLANK	P5288-10	BG063747.D	12/19/2024	09:42
SLEB642	PB165642TB	BG063748.D	12/19/2024	10:19
C0AX5	P5235-13	BG063749.D	12/19/2024	10:57
C0AX6	P5235-14	BG063750.D	12/19/2024	11:35
C0AS9	P5235-16	BG063751.D	12/19/2024	12:13
C0AT4	P5235-17	BG063752.D	12/19/2024	12:50
C0AT9	P5235-18	BG063753.D	12/19/2024	13:28
SLCS676	PB165676BS	BG063754.D	12/19/2024	14:06
SSTD020574	SSTDCCC020	BG063755.D	12/19/2024	14:58
SBLK762	PB165762BL	BG063756.D	12/19/2024	17:44

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG121824

Lab Code: CHEM

SAS No.: BG121824

SDG NO.: BG121824

Lab File ID: BG063720.D

DFTPP Injection Date: 12/18/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.8
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	42.7
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
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365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	11.4
442	Greater than 50% of mass 198	70
443	15.0 - 24.0% of mass 442	13.5 (19.4) 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
E1PK4	P5348-01	BG063757.D	12/19/2024	18:22
E1PK5	P5348-02	BG063758.D	12/19/2024	19:00
E1PK6	P5348-03	BG063759.D	12/19/2024	19:37
E1PK7	P5348-04	BG063760.D	12/19/2024	20:15
SLCS762	PB165762BS	BG063761.D	12/19/2024	20:53
SSTD020575	SSTDCCC020EC	BG063762.D	12/19/2024	22:08