

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/23/2024 : 11:50

Lab File ID: BG063779.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020578 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	0.627	0.010	3.8545	40.0
Benzaldehyde	1.130	1.078	0.010	-4.5982	40.0
Pyridine	1.724	1.828	0.010	6.0104	40.0
Phenol	1.963	1.927	0.080	-1.8375	20.0
Bis(2-Chloroethyl)ether	1.502	1.517	0.100	1.0265	20.0
2-Chlorophenol	1.207	1.250	0.200	3.5859	20.0
2-Methylphenol	1.419	1.446	0.010	1.9014	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.278	0.010	2.1649	40.0
Acetophenone	2.426	2.555	0.060	5.3141	20.0
4-Methylphenol	1.553	1.611	0.010	3.7557	20.0
N-Nitroso-di-n-propylamine	1.447	1.447	0.050	0.0082	30.0
Hexachloroethane	0.593	0.579	0.100	-2.4536	20.0
Nitrobenzene	0.477	0.514	0.050	7.8132	25.0
Isophorone	0.901	0.981	0.050	8.9215	25.0
2-Nitrophenol	0.165	0.192	0.050	16.427	25.0
2,4-Dimethylphenol	0.373	0.406	0.050	8.8937	25.0
Bis(2-Chloroethoxy)methane	0.487	0.538	0.050	10.4821	20.0
2,4-Dichlorophenol	0.308	0.343	0.060	11.3263	20.0
Naphthalene	1.000	1.077	0.200	7.7146	20.0
4-Chloroaniline	0.374	0.464	0.010	23.9199	40.0
Hexachlorobutadiene	0.250	0.247	0.040	-1.1447	30.0
Caprolactam	0.106	0.136	0.010	27.6071	40.0
4-Chloro-3-methylphenol	0.362	0.395	0.040	9.3599	25.0
1-Methylnaphthalene	0.732	0.821	0.100	12.1468	20.0
2-Methylnaphthalene	0.719	0.791	0.100	10.1045	20.0
Hexachlorocyclopentadiene	0.253	0.256	0.010	0.9688	40.0
2,4,6-Trichlorophenol	0.362	0.363	0.090	0.4495	25.0
2,4,5-Trichlorophenol	0.378	0.392	0.100	3.6881	25.0
1,1-Biphenyl	1.319	1.405	0.200	6.491	20.0
2-Chloronaphthalene	1.059	1.125	0.300	6.235	20.0
2-Nitroaniline	0.355	0.392	0.050	10.544	40.0
Dimethylphthalate	1.364	1.486	0.300	8.9615	20.0
2,6-Dinitrotoluene	0.253	0.288	0.080	13.8043	30.0
Acenaphthylene	1.663	1.851	0.400	11.2495	20.0
3-Nitroaniline	0.234	0.192	0.010	-18.1294	40.0
Acenaphthene	1.179	1.330	0.200	12.8415	20.0
2,4-Dinitrophenol	0.129	0.117	0.010	-10.0038	40.0
4-Nitrophenol	0.200	0.176	0.010	-12.1888	40.0
Dibenzofuran	1.662	1.875	0.300	12.7788	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/23/2024 : 11:50

Lab File ID: BG063779.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020578 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	0.457	0.070	21.2977	30.0
Diethylphthalate	1.319	1.538	0.300	16.6595	20.0
Fluorene	1.327	1.577	0.200	18.8086	20.0
4-Chlorophenyl-phenylether	0.739	0.817	0.100	10.4341	20.0
4-Nitroaniline	0.234	0.163	0.010	-30.6236	40.0
4,6-Dinitro-2-methylphenol	0.107	0.113	0.010	5.5842	40.0
N-Nitrosodiphenylamine	0.484	0.534	0.050	10.3418	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.630	0.100	-1.5966	20.0
4-Bromophenyl-phenylether	0.204	0.217	0.070	6.3948	20.0
Hexachlorobenzene	0.228	0.239	0.050	4.5194	25.0
Atrazine	0.205	0.226	0.010	10.3463	25.0
Pentachlorophenol	0.096	0.083	0.010	-13.6549	40.0
Phenanthrene	0.964	1.138	0.200	18.0812	20.0
Pentachlorobenzene	0.264	0.265	0.050	0.1071	20.0
Anthracene	0.975	1.166	0.200	19.5471	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.254	0.050	-4.7195	20.0
Carbazole	0.790	1.034	0.050	30.9209	40.0
Di-n-butylphthalate	0.954	1.178	0.500	23.5147	25.0
Fluoranthene	1.183	1.301	0.400	9.9719	25.0
Pyrene	1.259	1.388	0.400	10.3098	25.0
Butylbenzylphthalate	0.386	0.442	0.100	14.4465	40.0
3,3-Dichlorobenzidine	0.361	0.321	0.010	-10.9879	40.0
Benzo (a) anthracene	1.253	1.351	0.300	7.791	30.0
Chrysene	1.195	1.302	0.200	8.9505	30.0
Bis(2-ethylhexyl)phthalate	0.562	0.649	0.200	15.5481	40.0
Di-n-octyl phthalate	0.863	1.102	0.010	27.6206	40.0
Benzo (b) fluoranthene	1.137	1.262	0.200	11.0075	25.0
Benzo (k) fluoranthene	1.134	1.304	0.200	15.0444	25.0
Benzo (a) pyrene	1.067	1.210	0.200	13.4043	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.457	0.200	11.79	25.0
Dibenzo (a,h) anthracene	1.043	1.179	0.200	13.04	30.0
Benzo (g,h,i) perylene	1.034	1.124	0.200	8.714	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.328	0.040	0.6464	20.0
1,4-Dioxane-d8	0.510	0.577	0.010	12.9795	25.0
Pyridine-d5	1.610	1.748	0.010	8.5806	40.0
Phenol-d5	1.842	1.831	0.010	-0.5803	25.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.266	0.050	-0.5137	25.0
2-Chlorophenol-d4	1.193	1.216	0.200	2.0028	20.0
4-Methylphenol-d8	1.430	1.436	0.010	0.4288	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/23/2024 : 11:50

Lab File ID: BG063779.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020578 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.159	0.050	11.099	20.0
2-Nitrophenol-d4	0.160	0.175	0.050	9.3961	30.0
2,4-Dichlorophenol-d3	0.310	0.356	0.060	15.0161	20.0
4-Chloroaniline-d4	0.394	0.483	0.010	22.8001	40.0
Dimethylphthalate-d6	1.361	1.479	0.300	8.7091	20.0
Acenaphthylene-d8	1.551	1.774	0.400	14.3642	20.0
4-Nitrophenol-d4	0.193	0.204	0.010	5.9375	40.0
Fluorene-d10	1.203	1.371	0.100	13.9298	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.107	0.010	2.5975	40.0
Anthracene-d10	0.860	1.018	0.300	18.4313	20.0
Pyrene-d10	1.041	1.123	0.300	7.8632	25.0
Benzo(a)pyrene-d12	0.939	1.054	0.010	12.2287	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.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/23/2024 : 20:07

Lab File ID: BG063791.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020579 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	0.722	0.010	19.5627	40.0
Benzaldehyde	1.130	1.140	0.010	0.921	40.0
Pyridine	1.724	1.734	0.010	0.529	40.0
Phenol	1.963	1.987	0.080	1.1946	20.0
Bis(2-Chloroethyl)ether	1.502	1.519	0.100	1.1159	20.0
2-Chlorophenol	1.207	1.240	0.200	2.7471	20.0
2-Methylphenol	1.419	1.408	0.010	-0.7923	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.310	0.010	3.6031	40.0
Acetophenone	2.426	2.508	0.060	3.3872	20.0
4-Methylphenol	1.553	1.626	0.010	4.6819	20.0
N-Nitroso-di-n-propylamine	1.447	1.459	0.050	0.7938	30.0
Hexachloroethane	0.593	0.559	0.100	-5.7579	20.0
Nitrobenzene	0.477	0.490	0.050	2.7068	25.0
Isophorone	0.901	0.954	0.050	5.9332	25.0
2-Nitrophenol	0.165	0.186	0.050	13.0065	25.0
2,4-Dimethylphenol	0.373	0.405	0.050	8.5545	25.0
Bis(2-Chloroethoxy)methane	0.487	0.534	0.050	9.6732	20.0
2,4-Dichlorophenol	0.308	0.346	0.060	12.4042	20.0
Naphthalene	1.000	1.085	0.200	8.4573	20.0
4-Chloroaniline	0.374	0.457	0.010	21.96	40.0
Hexachlorobutadiene	0.250	0.242	0.040	-3.2375	30.0
Caprolactam	0.106	0.125	0.010	17.146	40.0
4-Chloro-3-methylphenol	0.362	0.392	0.040	8.558	25.0
1-Methylnaphthalene	0.732	0.809	0.100	10.5283	20.0
2-Methylnaphthalene	0.719	0.766	0.100	6.531	20.0
Hexachlorocyclopentadiene	0.253	0.242	0.010	-4.2774	40.0
2,4,6-Trichlorophenol	0.362	0.366	0.090	1.2196	25.0
2,4,5-Trichlorophenol	0.378	0.382	0.100	1.2678	25.0
1,1-Biphenyl	1.319	1.395	0.200	5.7557	20.0
2-Chloronaphthalene	1.059	1.107	0.300	4.561	20.0
2-Nitroaniline	0.355	0.380	0.050	7.0382	40.0
Dimethylphthalate	1.364	1.477	0.300	8.3049	20.0
2,6-Dinitrotoluene	0.253	0.292	0.080	15.1958	30.0
Acenaphthylene	1.663	1.865	0.400	12.1372	20.0
3-Nitroaniline	0.234	0.195	0.010	-16.9177	40.0
Acenaphthene	1.179	1.324	0.200	12.3265	20.0
2,4-Dinitrophenol	0.129	0.129	0.010	0.0052	40.0
4-Nitrophenol	0.200	0.214	0.010	6.7051	40.0
Dibenzofuran	1.662	1.859	0.300	11.8131	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/23/2024 : 20:07

Lab File ID: BG063791.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020579 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	0.437	0.070	16.0841	30.0
Diethylphthalate	1.319	1.499	0.300	13.7216	20.0
Fluorene	1.327	1.526	0.200	15.0066	20.0
4-Chlorophenyl-phenylether	0.739	0.812	0.100	9.7475	20.0
4-Nitroaniline	0.234	0.163	0.010	-30.5166	40.0
4,6-Dinitro-2-methylphenol	0.107	0.117	0.010	9.6242	40.0
N-Nitrosodiphenylamine	0.484	0.536	0.050	10.7302	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.621	0.100	-3.0254	20.0
4-Bromophenyl-phenylether	0.204	0.219	0.070	7.5346	20.0
Hexachlorobenzene	0.228	0.247	0.050	8.0754	25.0
Atrazine	0.205	0.227	0.010	10.8322	25.0
Pentachlorophenol	0.096	0.081	0.010	-15.4348	40.0
Phenanthrene	0.964	1.129	0.200	17.1847	20.0
Pentachlorobenzene	0.264	0.270	0.050	2.1016	20.0
Anthracene	0.975	1.167	0.200	19.6248	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.259	0.050	-3.0191	20.0
Carbazole	0.790	1.026	0.050	29.96	40.0
Di-n-butylphthalate	0.954	1.193	0.500	25.0963	25.0
Fluoranthene	1.183	1.355	0.400	14.5782	25.0
Pyrene	1.259	1.437	0.400	14.1511	25.0
Butylbenzylphthalate	0.386	0.459	0.100	18.7833	40.0
3,3-Dichlorobenzidine	0.361	0.353	0.010	-2.2994	40.0
Benzo (a) anthracene	1.253	1.369	0.300	9.2551	30.0
Chrysene	1.195	1.323	0.200	10.7612	30.0
Bis(2-ethylhexyl)phthalate	0.562	0.685	0.200	21.941	40.0
Di-n-octyl phthalate	0.863	1.120	0.010	29.6965	40.0
Benzo (b) fluoranthene	1.137	1.306	0.200	14.9296	25.0
Benzo (k) fluoranthene	1.134	1.294	0.200	14.1543	25.0
Benzo (a) pyrene	1.067	1.203	0.200	12.7851	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.491	0.200	14.4125	25.0
Dibenzo (a,h) anthracene	1.043	1.212	0.200	16.2568	30.0
Benzo (g,h,i) perylene	1.034	1.143	0.200	10.5596	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.348	0.040	6.7739	20.0
1,4-Dioxane-d8	0.510	0.502	0.010	-1.6932	25.0
Pyridine-d5	1.610	1.658	0.010	3.0044	40.0
Phenol-d5	1.842	1.847	0.010	0.2779	25.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.249	0.050	-1.8422	25.0
2-Chlorophenol-d4	1.193	1.183	0.200	-0.8095	20.0
4-Methylphenol-d8	1.430	1.423	0.010	-0.4868	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/23/2024 : 20:07

Lab File ID: BG063791.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020579 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.158	0.050	10.8177	20.0
2-Nitrophenol-d4	0.160	0.176	0.050	9.7693	30.0
2,4-Dichlorophenol-d3	0.310	0.345	0.060	11.3731	20.0
4-Chloroaniline-d4	0.394	0.475	0.010	20.6319	40.0
Dimethylphthalate-d6	1.361	1.462	0.300	7.4218	20.0
Acenaphthylene-d8	1.551	1.738	0.400	12.0087	20.0
4-Nitrophenol-d4	0.193	0.207	0.010	7.1992	40.0
Fluorene-d10	1.203	1.348	0.100	12.0641	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.111	0.010	7.0137	40.0
Anthracene-d10	0.860	1.011	0.300	17.6126	20.0
Pyrene-d10	1.041	1.142	0.300	9.7007	25.0
Benzo(a)pyrene-d12	0.939	1.059	0.010	12.7881	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.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/24/2024 : 06:06

Lab File ID: BG063806.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020580 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	0.673	0.010	11.3839	40.0
Benzaldehyde	1.130	1.201	0.010	6.3231	40.0
Pyridine	1.724	1.782	0.010	3.3125	40.0
Phenol	1.963	2.125	0.080	8.2319	20.0
Bis(2-Chloroethyl)ether	1.502	1.580	0.100	5.2227	20.0
2-Chlorophenol	1.207	1.334	0.200	10.5334	20.0
2-Methylphenol	1.419	1.487	0.010	4.8048	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.312	0.010	3.7017	40.0
Acetophenone	2.426	2.513	0.060	3.5893	20.0
4-Methylphenol	1.553	1.667	0.010	7.3805	20.0
N-Nitroso-di-n-propylamine	1.447	1.454	0.050	0.4945	30.0
Hexachloroethane	0.593	0.567	0.100	-4.3996	20.0
Nitrobenzene	0.477	0.493	0.050	3.4145	25.0
Isophorone	0.901	0.968	0.050	7.4599	25.0
2-Nitrophenol	0.165	0.180	0.050	9.6764	25.0
2,4-Dimethylphenol	0.373	0.400	0.050	7.0536	25.0
Bis(2-Chloroethoxy)methane	0.487	0.528	0.050	8.3963	20.0
2,4-Dichlorophenol	0.308	0.347	0.060	12.6984	20.0
Naphthalene	1.000	1.087	0.200	8.7547	20.0
4-Chloroaniline	0.374	0.464	0.010	23.965	40.0
Hexachlorobutadiene	0.250	0.240	0.040	-4.2015	30.0
Caprolactam	0.106	0.130	0.010	22.4023	40.0
4-Chloro-3-methylphenol	0.362	0.409	0.040	13.1949	25.0
1-Methylnaphthalene	0.732	0.824	0.100	12.5037	20.0
2-Methylnaphthalene	0.719	0.788	0.100	9.6653	20.0
Hexachlorocyclopentadiene	0.253	0.247	0.010	-2.5398	40.0
2,4,6-Trichlorophenol	0.362	0.368	0.090	1.6863	25.0
2,4,5-Trichlorophenol	0.378	0.384	0.100	1.6792	25.0
1,1-Biphenyl	1.319	1.376	0.200	4.3516	20.0
2-Chloronaphthalene	1.059	1.125	0.300	6.2337	20.0
2-Nitroaniline	0.355	0.403	0.050	13.5525	40.0
Dimethylphthalate	1.364	1.487	0.300	9.0167	20.0
2,6-Dinitrotoluene	0.253	0.289	0.080	13.8994	30.0
Acenaphthylene	1.663	1.823	0.400	9.5931	20.0
3-Nitroaniline	0.234	0.195	0.010	-16.631	40.0
Acenaphthene	1.179	1.329	0.200	12.6966	20.0
2,4-Dinitrophenol	0.129	0.152	0.010	17.1661	40.0
4-Nitrophenol	0.200	0.220	0.010	9.9726	40.0
Dibenzofuran	1.662	1.827	0.300	9.8967	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/24/2024 : 06:06

Lab File ID: BG063806.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020580 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.451	0.070	19.9365	30.0
Diethylphthalate	1.319	1.466	0.300	11.2041	20.0
Fluorene	1.327	1.516	0.200	14.2303	20.0
4-Chlorophenyl-phenylether	0.739	0.802	0.100	8.4091	20.0
4-Nitroaniline	0.234	0.160	0.010	-31.7786	40.0
4,6-Dinitro-2-methylphenol	0.107	0.115	0.010	7.4069	40.0
N-Nitrosodiphenylamine	0.484	0.527	0.050	8.8322	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.612	0.100	-4.3897	20.0
4-Bromophenyl-phenylether	0.204	0.214	0.070	4.9384	20.0
Hexachlorobenzene	0.228	0.246	0.050	7.7658	25.0
Atrazine	0.205	0.228	0.010	11.2839	25.0
Pentachlorophenol	0.096	0.084	0.010	-12.888	40.0
Phenanthrene	0.964	1.135	0.200	17.7123	20.0
Pentachlorobenzene	0.264	0.263	0.050	-0.5114	20.0
Anthracene	0.975	1.155	0.200	18.4094	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.257	0.050	-3.5136	20.0
Carbazole	0.790	1.017	0.050	28.7465	40.0
Di-n-butylphthalate	0.954	1.161	0.500	21.7594	25.0
Fluoranthene	1.183	1.349	0.400	13.9988	25.0
Pyrene	1.259	1.429	0.400	13.5714	25.0
Butylbenzylphthalate	0.386	0.459	0.100	18.7672	40.0
3,3-Dichlorobenzidine	0.361	0.342	0.010	-5.2805	40.0
Benzo (a) anthracene	1.253	1.375	0.300	9.7261	30.0
Chrysene	1.195	1.298	0.200	8.6444	30.0
Bis(2-ethylhexyl)phthalate	0.562	0.674	0.200	20.0188	40.0
Di-n-octyl phthalate	0.863	1.100	0.010	27.3807	40.0
Benzo (b) fluoranthene	1.137	1.216	0.200	6.994	25.0
Benzo (k) fluoranthene	1.134	1.337	0.200	17.9228	25.0
Benzo (a) pyrene	1.067	1.199	0.200	12.3786	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.445	0.200	10.9037	25.0
Dibenzo (a,h) anthracene	1.043	1.177	0.200	12.8827	30.0
Benzo (g,h,i) perylene	1.034	1.138	0.200	10.0649	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.336	0.040	3.1677	20.0
1,4-Dioxane-d8	0.510	0.546	0.010	6.901	25.0
Pyridine-d5	1.610	1.743	0.010	8.2485	40.0
Phenol-d5	1.842	1.929	0.010	4.704	25.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.297	0.050	1.9441	25.0
2-Chlorophenol-d4	1.193	1.236	0.200	3.6151	20.0
4-Methylphenol-d8	1.430	1.509	0.010	5.4999	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/24/2024 : 06:06

Lab File ID: BG063806.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020580 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.157	0.050	9.9331	20.0
2-Nitrophenol-d4	0.160	0.176	0.050	9.8385	30.0
2,4-Dichlorophenol-d3	0.310	0.357	0.060	15.1766	20.0
4-Chloroaniline-d4	0.394	0.489	0.010	24.1734	40.0
Dimethylphthalate-d6	1.361	1.471	0.300	8.1016	20.0
Acenaphthylene-d8	1.551	1.673	0.400	7.8675	20.0
4-Nitrophenol-d4	0.193	0.211	0.010	9.5031	40.0
Fluorene-d10	1.203	1.326	0.100	10.2264	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.110	0.010	5.7536	40.0
Anthracene-d10	0.860	0.998	0.300	16.1006	20.0
Pyrene-d10	1.041	1.164	0.300	11.8744	25.0
Benzo(a)pyrene-d12	0.939	1.047	0.010	11.4583	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.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/24/2024 : 12:58

Lab File ID: BG063816.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020581 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	0.625	0.010	3.4336	40.0
Benzaldehyde	1.130	1.194	0.010	5.6748	40.0
Pyridine	1.724	1.741	0.010	0.9816	40.0
Phenol	1.963	2.123	0.080	8.1515	20.0
Bis(2-Chloroethyl)ether	1.502	1.573	0.100	4.7293	20.0
2-Chlorophenol	1.207	1.361	0.200	12.7132	20.0
2-Methylphenol	1.419	1.483	0.010	4.5466	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.358	0.010	5.7493	40.0
Acetophenone	2.426	2.563	0.060	5.6559	20.0
4-Methylphenol	1.553	1.701	0.010	9.5559	20.0
N-Nitroso-di-n-propylamine	1.447	1.423	0.050	-1.7042	30.0
Hexachloroethane	0.593	0.576	0.100	-2.8281	20.0
Nitrobenzene	0.477	0.506	0.050	6.0493	25.0
Isophorone	0.901	0.951	0.050	5.4942	25.0
2-Nitrophenol	0.165	0.187	0.050	13.8078	25.0
2,4-Dimethylphenol	0.373	0.408	0.050	9.3141	25.0
Bis(2-Chloroethoxy)methane	0.487	0.534	0.050	9.474	20.0
2,4-Dichlorophenol	0.308	0.357	0.060	15.7737	20.0
Naphthalene	1.000	1.101	0.200	10.1316	20.0
4-Chloroaniline	0.374	0.465	0.010	24.2908	40.0
Hexachlorobutadiene	0.250	0.247	0.040	-1.421	30.0
Caprolactam	0.106	0.131	0.010	23.2473	40.0
4-Chloro-3-methylphenol	0.362	0.412	0.040	14.076	25.0
1-Methylnaphthalene	0.732	0.816	0.100	11.4605	20.0
2-Methylnaphthalene	0.719	0.786	0.100	9.3574	20.0
Hexachlorocyclopentadiene	0.253	0.215	0.010	-15.2252	40.0
2,4,6-Trichlorophenol	0.362	0.379	0.090	4.6538	25.0
2,4,5-Trichlorophenol	0.378	0.404	0.100	6.9037	25.0
1,1-Biphenyl	1.319	1.433	0.200	8.6363	20.0
2-Chloronaphthalene	1.059	1.145	0.300	8.0624	20.0
2-Nitroaniline	0.355	0.410	0.050	15.5462	40.0
Dimethylphthalate	1.364	1.476	0.300	8.1842	20.0
2,6-Dinitrotoluene	0.253	0.291	0.080	14.7761	30.0
Acenaphthylene	1.663	1.837	0.400	10.4593	20.0
3-Nitroaniline	0.234	0.207	0.010	-11.4347	40.0
Acenaphthene	1.179	1.334	0.200	13.1084	20.0
2,4-Dinitrophenol	0.129	0.109	0.010	-16.0643	40.0
4-Nitrophenol	0.200	0.213	0.010	6.1551	40.0
Dibenzofuran	1.662	1.870	0.300	12.5284	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/24/2024 : 12:58

Lab File ID: BG063816.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020581 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	0.452	0.070	20.1925	30.0
Diethylphthalate	1.319	1.479	0.300	12.1401	20.0
Fluorene	1.327	1.487	0.200	12.0198	20.0
4-Chlorophenyl-phenylether	0.739	0.787	0.100	6.4728	20.0
4-Nitroaniline	0.234	0.163	0.010	-30.4286	40.0
4,6-Dinitro-2-methylphenol	0.107	0.102	0.010	-4.4884	40.0
N-Nitrosodiphenylamine	0.484	0.542	0.050	11.9735	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.623	0.100	-2.6524	20.0
4-Bromophenyl-phenylether	0.204	0.222	0.070	8.7903	20.0
Hexachlorobenzene	0.228	0.252	0.050	10.3639	25.0
Atrazine	0.205	0.225	0.010	10.0832	25.0
Pentachlorophenol	0.096	0.079	0.010	-18.3639	40.0
Phenanthrene	0.964	1.132	0.200	17.4101	20.0
Pentachlorobenzene	0.264	0.276	0.050	4.5723	20.0
Anthracene	0.975	1.162	0.200	19.1239	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.265	0.050	-0.6437	20.0
Carbazole	0.790	1.007	0.050	27.5425	40.0
Di-n-butylphthalate	0.954	1.170	0.500	22.6794	25.0
Fluoranthene	1.183	1.384	0.400	16.9789	25.0
Pyrene	1.259	1.458	0.400	15.8532	25.0
Butylbenzylphthalate	0.386	0.485	0.100	25.628	40.0
3,3-Dichlorobenzidine	0.361	0.375	0.010	3.821	40.0
Benzo (a) anthracene	1.253	1.382	0.300	10.2682	30.0
Chrysene	1.195	1.318	0.200	10.3043	30.0
Bis (2-ethylhexyl) phthalate	0.562	0.718	0.200	27.7297	40.0
Di-n-octyl phthalate	0.863	1.169	0.010	35.4606	40.0
Benzo (b) fluoranthene	1.137	1.281	0.200	12.6617	25.0
Benzo (k) fluoranthene	1.134	1.283	0.200	13.1242	25.0
Benzo (a) pyrene	1.067	1.168	0.200	9.4422	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.499	0.200	15.0064	25.0
Dibenzo (a,h) anthracene	1.043	1.196	0.200	14.7473	30.0
Benzo (g,h,i) perylene	1.034	1.139	0.200	10.1758	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.341	0.040	4.5961	20.0
Pyridine-d5	1.610	1.630	0.010	1.215	40.0
1,4-Dioxane-d8	0.510	0.558	0.010	9.3986	25.0
Phenol-d5	1.842	1.963	0.010	6.5757	25.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.254	0.050	-1.4178	25.0
2-Chlorophenol-d4	1.193	1.308	0.200	9.7206	20.0
4-Methylphenol-d8	1.430	1.525	0.010	6.6343	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/24/2024 : 12:58

Lab File ID: BG063816.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020581 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.160	0.050	11.7412	20.0
2-Nitrophenol-d4	0.160	0.181	0.050	12.9296	30.0
2,4-Dichlorophenol-d3	0.310	0.363	0.060	17.2571	20.0
4-Chloroaniline-d4	0.394	0.496	0.010	25.9475	40.0
Dimethylphthalate-d6	1.361	1.450	0.300	6.5159	20.0
Acenaphthylene-d8	1.551	1.727	0.400	11.3176	20.0
4-Nitrophenol-d4	0.193	0.209	0.010	8.3341	40.0
Fluorene-d10	1.203	1.328	0.100	10.3757	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.099	0.010	-5.0148	40.0
Anthracene-d10	0.860	0.989	0.300	15.0317	20.0
Pyrene-d10	1.041	1.177	0.300	13.0529	25.0
Benzo(a)pyrene-d12	0.939	1.050	0.010	11.7699	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.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/24/2024 : 22:21

Lab File ID: BG063830.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020582 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	0.537	0.010	-11.0727	50.0
Benzaldehyde	1.130	1.129	0.010	-0.0821	50.0
Pyridine	1.724	1.573	0.010	-8.7889	50.0
Phenol	1.963	2.010	0.080	2.3754	50.0
Bis(2-Chloroethyl)ether	1.502	1.459	0.100	-2.8889	50.0
2-Chlorophenol	1.207	1.296	0.200	7.4016	50.0
2-Methylphenol	1.419	1.444	0.010	1.7573	50.0
2,2-oxybis(1-Chloropropane)	2.230	2.244	0.010	0.6377	50.0
Acetophenone	2.426	2.412	0.060	-0.5634	50.0
4-Methylphenol	1.553	1.595	0.010	2.6892	50.0
N-Nitroso-di-n-propylamine	1.447	1.353	0.050	-6.4994	50.0
Hexachloroethane	0.593	0.578	0.100	-2.4923	50.0
Nitrobenzene	0.477	0.496	0.050	4.1091	50.0
Isophorone	0.901	0.891	0.050	-1.157	50.0
2-Nitrophenol	0.165	0.197	0.050	20.019	50.0
2,4-Dimethylphenol	0.373	0.408	0.050	9.2505	50.0
Bis(2-Chloroethoxy)methane	0.487	0.501	0.050	2.885	50.0
2,4-Dichlorophenol	0.308	0.350	0.060	13.5744	50.0
Naphthalene	1.000	1.114	0.200	11.4185	50.0
4-Chloroaniline	0.374	0.456	0.010	21.7562	50.0
Hexachlorobutadiene	0.250	0.245	0.040	-2.0378	50.0
Caprolactam	0.106	0.130	0.010	22.5803	50.0
4-Chloro-3-methylphenol	0.362	0.397	0.040	9.7316	50.0
1-Methylnaphthalene	0.732	0.797	0.100	8.9342	50.0
2-Methylnaphthalene	0.719	0.791	0.100	10.1121	50.0
Hexachlorocyclopentadiene	0.253	0.167	0.010	-33.8666	50.0
2,4,6-Trichlorophenol	0.362	0.373	0.090	3.0142	50.0
2,4,5-Trichlorophenol	0.378	0.421	0.100	11.4524	50.0
1,1-Biphenyl	1.319	1.405	0.200	6.4873	50.0
2-Chloronaphthalene	1.059	1.120	0.300	5.7674	50.0
2-Nitroaniline	0.355	0.407	0.050	14.7334	50.0
Dimethylphthalate	1.364	1.395	0.300	2.3032	50.0
2,6-Dinitrotoluene	0.253	0.283	0.080	11.5253	50.0
Acenaphthylene	1.663	1.819	0.400	9.3495	50.0
3-Nitroaniline	0.234	0.227	0.010	-3.035	50.0
Acenaphthene	1.179	1.316	0.200	11.642	50.0
2,4-Dinitrophenol	0.129	0.114	0.010	-12.099	50.0
4-Nitrophenol	0.200	0.217	0.010	8.4514	50.0
Dibenzofuran	1.662	1.922	0.300	15.6561	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/24/2024 : 22:21

Lab File ID: BG063830.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020582 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	0.461	0.070	22.3706	50.0
Diethylphthalate	1.319	1.425	0.300	8.0443	50.0
Fluorene	1.327	1.497	0.200	12.802	50.0
4-Chlorophenyl-phenylether	0.739	0.751	0.100	1.5395	50.0
4-Nitroaniline	0.234	0.153	0.010	-34.9069	50.0
4,6-Dinitro-2-methylphenol	0.107	0.115	0.010	7.5472	50.0
N-Nitrosodiphenylamine	0.484	0.567	0.050	17.1542	50.0
1,2,4,5-Tetrachlorobenzene	0.640	0.610	0.100	-4.6744	50.0
4-Bromophenyl-phenylether	0.204	0.229	0.070	12.5532	50.0
Hexachlorobenzene	0.228	0.253	0.050	10.6819	50.0
Atrazine	0.205	0.227	0.010	11.0071	50.0
Pentachlorophenol	0.096	0.078	0.010	-19.3697	50.0
Phenanthrene	0.964	1.151	0.200	19.444	50.0
Pentachlorobenzene	0.264	0.288	0.050	9.0262	50.0
Anthracene	0.975	1.172	0.200	20.1489	50.0
1,2,3,4-Tetrachlorobenzene	0.267	0.277	0.050	3.9847	50.0
Carbazole	0.790	0.989	0.050	25.2995	50.0
Di-n-butylphthalate	0.954	1.189	0.500	24.7223	50.0
Fluoranthene	1.183	1.344	0.400	13.5857	50.0
Pyrene	1.259	1.431	0.400	13.7088	50.0
Butylbenzylphthalate	0.386	0.516	0.100	33.5958	50.0
3,3-Dichlorobenzidine	0.361	0.413	0.010	14.3082	50.0
Benzo (a) anthracene	1.253	1.372	0.300	9.4315	50.0
Chrysene	1.195	1.315	0.200	10.0762	50.0
Bis(2-ethylhexyl)phthalate	0.562	0.764	0.200	35.8919	50.0
Di-n-octyl phthalate	0.863	1.249	0.010	44.6395	50.0
Benzo (b) fluoranthene	1.137	1.302	0.200	14.5091	50.0
Benzo (k) fluoranthene	1.134	1.296	0.200	14.308	50.0
Benzo (a) pyrene	1.067	1.205	0.200	12.9436	50.0
Indeno (1,2,3-cd) pyrene	1.303	1.539	0.200	18.1144	50.0
Dibenzo (a,h) anthracene	1.043	1.231	0.200	18.0325	50.0
Benzo (g,h,i) perylene	1.034	1.181	0.200	14.1854	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.315	0.040	-3.1956	50.0
1,4-Dioxane-d8	0.510	0.489	0.010	-4.2381	50.0
Pyridine-d5	1.610	1.514	0.010	-5.971	50.0
Phenol-d5	1.842	1.915	0.010	3.9652	50.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.197	0.050	-5.9257	50.0
2-Chlorophenol-d4	1.193	1.240	0.200	3.9809	50.0
4-Methylphenol-d8	1.430	1.429	0.010	-0.0478	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG No.: BG122324

Instrument ID: BNA_G Calibration Date/Time: 12/24/2024 : 22:21

Lab File ID: BG063830.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020582 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.162	0.050	13.1459	50.0
2-Nitrophenol-d4	0.160	0.183	0.050	14.6128	50.0
2,4-Dichlorophenol-d3	0.310	0.357	0.060	15.1489	50.0
4-Chloroaniline-d4	0.394	0.478	0.010	21.4325	50.0
Dimethylphthalate-d6	1.361	1.423	0.300	4.5263	50.0
Acenaphthylene-d8	1.551	1.703	0.400	9.7875	50.0
4-Nitrophenol-d4	0.193	0.204	0.010	5.5744	50.0
Fluorene-d10	1.203	1.320	0.100	9.7371	50.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.105	0.010	1.2479	50.0
Anthracene-d10	0.860	0.997	0.300	15.978	50.0
Pyrene-d10	1.041	1.122	0.300	7.8248	50.0
Benzo(a)pyrene-d12	0.939	1.079	0.010	14.8509	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK795	SDG No.:	BG122324
Lab Sample ID:	PB165795BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063780.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	920	U	920	190	2000	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	2400	9800	ug/Kg
110-86-1	Pyridine	3400	U	3400	4900	9800	ug/Kg
108-95-2	Phenol	1500	U	1500	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1900	U	1900	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	1500	U	1500	1300	4900	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2400	9800	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2400	9800	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2100	U	2100	1300	4900	ug/Kg
67-72-1	Hexachloroethane	1700	U	1700	1300	4900	ug/Kg
98-95-3	Nitrobenzene	1800	U	1800	1300	4900	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	850	U	850	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	580	U	580	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	950	U	950	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	740	U	740	1300	4900	ug/Kg
91-20-3	Naphthalene	550	U	550	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	880	U	880	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1300	4900	ug/Kg
105-60-2	Caprolactam	2000	U	2000	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	610	U	610	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	750	U	750	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	U	2500	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	940	U	940	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK795	SDG No.:	BG122324
Lab Sample ID:	PB165795BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063780.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	890	U	890	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	830	U	830	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	800	U	800	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1300	4900	ug/Kg
208-96-8	Acenaphthylene	850	U	850	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	2400	9800	ug/Kg
83-32-9	Acenaphthene	760	U	760	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	U	3500	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	2400	9800	ug/Kg
132-64-9	Dibenzofuran	760	U	760	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	940	U	940	1300	4900	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1300	4900	ug/Kg
86-73-7	Fluorene	1700	U	1700	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2700	U	2700	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	860	U	860	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900	U	1900	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	2200	U	2200	1300	4900	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	3200	U	3200	2400	9800	ug/Kg
85-01-8	Phenanthrene	680	U	680	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	2100	U	2100	1300	4900	ug/Kg
120-12-7	Anthracene	560	U	560	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2200	U	2200	1300	4900	ug/Kg
86-74-8	Carbazole	930	U	930	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	830	U	830	1300	4900	ug/Kg
206-44-0	Fluoranthene	590	U	590	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK795	SDG No.:	BG122324
Lab Sample ID:	PB165795BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063780.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	610	U	610	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	510	U	510	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	750	U	750	1300	4900	ug/Kg
218-01-9	Chrysene	640	U	640	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	950	U	950	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	820	U	820	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	970	U	970	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	910	U	910	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750	U	750	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880	U	880	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.394		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	25.846		20-120		65	SPK: -40
4165-62-2	Phenol-d5	23.836		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.966		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.104		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.023		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.346		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.17		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.361		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.356		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.054		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.618		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.201		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	27.517		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK795	SDG No.:	BG122324
Lab Sample ID:	PB165795BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063780.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.64		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	27.692		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	26.118		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.008		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88884	7.794				
1146-65-2	Naphthalene-d8	336389	10.585				
15067-26-2	Acenaphthene-d10	262608	14.44				
1517-22-2	Phenanthrene-d10	710591	17.189				
1719-03-5	Chrysene-d12	799032	21.437				
1520-96-3	Perylene-d12	819640	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	890	U			99	ug/Kg

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:	E2903ME	SDG No.:	BG122324
Lab Sample ID:	P5265-18ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063781.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1300	U	1300	280	2800	ug/Kg
100-52-7	Benzaldehyde	3000	U	3000	3500	14000	ug/Kg
110-86-1	Pyridine	4900	U	4900	7000	14000	ug/Kg
108-95-2	Phenol	2100	U	2100	3500	14000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2700	U	2700	3500	14000	ug/Kg
95-57-8	2-Chlorophenol	2100	U	2100	1800	7000	ug/Kg
95-48-7	2-Methylphenol	1700	U	1700	3500	14000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2800	U	2800	3500	14000	ug/Kg
98-86-2	Acetophenone	11000	J	2100	3500	14000	ug/Kg
106-44-5	4-Methylphenol	2100	U	2100	3500	14000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3000	U	3000	1800	7000	ug/Kg
67-72-1	Hexachloroethane	2400	U	2400	1800	7000	ug/Kg
98-95-3	Nitrobenzene	2500	U	2500	1800	7000	ug/Kg
78-59-1	Isophorone	1600	U	1600	1800	7000	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1800	7000	ug/Kg
105-67-9	2,4-Dimethylphenol	830	U	830	1800	7000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1800	7000	ug/Kg
120-83-2	2,4-Dichlorophenol	1100	U	1100	1800	7000	ug/Kg
91-20-3	Naphthalene	9700		790	1800	7000	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1800	14000	ug/Kg
87-68-3	Hexachlorobutadiene	1700	U	1700	1800	7000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	3500	14000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	1800	7000	ug/Kg
90-12-0	1-Methylnaphthalene	4500	J	870	1800	7000	ug/Kg
91-57-6	2-Methylnaphthalene	6600	J	1100	1800	7000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3700	U	3700	3500	14000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700	U	1700	1800	7000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1800	7000	ug/Kg

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:	E2903ME	SDG No.:	BG122324
Lab Sample ID:	P5265-18ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063781.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2600	J	1300	1800	7000	ug/Kg
91-58-7	2-Chloronaphthalene	1200	U	1200	1800	7000	ug/Kg
88-74-4	2-Nitroaniline	2300	U	2300	1800	7000	ug/Kg
131-11-3	Dimethylphthalate	1200	U	1200	1800	7000	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100	U	2100	1800	7000	ug/Kg
208-96-8	Acenaphthylene	1200	U	1200	1800	7000	ug/Kg
99-09-2	3-Nitroaniline	1800	U	1800	3500	14000	ug/Kg
83-32-9	Acenaphthene	16000		1100	1800	7000	ug/Kg
51-28-5	2,4-Dinitrophenol	5100	U	5100	3500	14000	ug/Kg
100-02-7	4-Nitrophenol	2300	U	2300	3500	14000	ug/Kg
132-64-9	Dibenzofuran	21000		1100	1800	7000	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400	U	1400	1800	7000	ug/Kg
84-66-2	Diethylphthalate	2400	U	2400	1800	7000	ug/Kg
86-73-7	Fluorene	16000		2400	1800	7000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700	U	1700	1800	7000	ug/Kg
100-01-6	4-Nitroaniline	1700	U	1700	3500	14000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3500	U	3500	3500	14000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3900	U	3900	1800	7000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200	U	1200	1800	7000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2700	U	2700	1800	7000	ug/Kg
118-74-1	Hexachlorobenzene	3100	U	3100	1800	7000	ug/Kg
1912-24-9	Atrazine	3000	U	3000	3500	14000	ug/Kg
87-86-5	Pentachlorophenol	4700	U	4700	3500	14000	ug/Kg
85-01-8	Phenanthrene	170000	E	970	1800	7000	ug/Kg
608-93-5	Pentachlorobenzene	3000	U	3000	1800	7000	ug/Kg
120-12-7	Anthracene	12000		800	1800	7000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3100	U	3100	1800	7000	ug/Kg
86-74-8	Carbazole	21000		1300	3500	14000	ug/Kg
84-74-2	Di-n-butylphthalate	1200	U	1200	1800	7000	ug/Kg
206-44-0	Fluoranthene	140000	E	850	3500	7000	ug/Kg

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:	E2903ME	SDG No.:	BG122324
Lab Sample ID:	P5265-18ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
		uL	
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063781.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	91000		870	1800	7000	ug/Kg
85-68-7	Butylbenzylphthalate	730	U	730	1800	7000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2800	U	2800	3500	14000	ug/Kg
56-55-3	Benzo(a)anthracene	39000		1100	1800	7000	ug/Kg
218-01-9	Chrysene	54000		920	1800	7000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	800	U	800	1800	7000	ug/Kg
117-84-0	Di-n-octyl phthalate	1800	U	1800	3500	14000	ug/Kg
205-99-2	Benzo(b)fluoranthene	62000		1400	1800	7000	ug/Kg
207-08-9	Benzo(k)fluoranthene	23000		1200	1800	7000	ug/Kg
50-32-8	Benzo(a)pyrene	19000		1400	1800	7000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17000		1300	1800	7000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	6800	J	1100	1800	7000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3100	J	1300	1800	7000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2500	U	2500	1800	7000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.09		15-120		39	SPK: -8
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.224		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.844		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.604		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	14.643		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	18.064		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.251		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.82		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.781		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.165		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	19.977		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.392		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	21.53		20-140		54	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:	E2903ME	SDG No.:	BG122324
Lab Sample ID:	P5265-18ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063781.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.596		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	22.305		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	17.792		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.981		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92637	7.797				
1146-65-2	Naphthalene-d8	389212	10.588				
15067-26-2	Acenaphthene-d10	309418	14.436				
1517-22-2	Phenanthrene-d10	781932	17.192				
1719-03-5	Chrysene-d12	804781	21.44				
1520-96-3	Perylene-d12	854251	24.448				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	6600	J			5.817	
000106-68-3	3-Octanone	53000	J			6.469	
000611-14-3	Benzene, 1-ethyl-2-methyl-	36000	J			6.892	
000622-96-8	Benzene, 1-ethyl-4-methyl-	27000	J			7.192	
000141-93-5	Benzene, 1,3-diethyl-	8300	J			8.291	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	14000	J			8.432	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	10000	J			8.896	
000119-61-9	Benzophenone	13000	J			15.794	
001689-64-1	9H-Fluoren-9-ol	5000	J			15.935	
000486-25-9	9H-Fluoren-9-one	17000	J			16.845	
000132-65-0	Dibenzothiophene	10000	J			17.01	
002444-68-0	Anthracene, 9-ethenyl-	3400	J			17.709	
002531-84-2	Phenanthrene, 2-methyl-	11000	J			18.067	
000832-71-3	Phenanthrene, 3-methyl-	15000	J			18.114	
000203-64-5	4H-Cyclopenta[def]phenanthrene	17000	J			18.261	
000612-94-2	Naphthalene, 2-phenyl-	9500	J			18.567	
000084-65-1	9,10-Anthracenedione	30000	J			18.614	

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:	E2903ME	SDG No.:	BG122324
Lab Sample ID:	P5265-18ME	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063781.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003674-65-5	Phenanthrene, 2,3-dimethyl-	3500	J			18.99	
005737-13-3	Cyclopenta(def)phenanthrenone	9000	J			19.131	
002381-21-7	Pyrene, 1-methyl-	3200	J			19.942	
000479-79-8	11H-Benzo[a]fluoren-11-one	4100	J			20.864	
000082-05-3	7H-Benz[de]anthracen-7-one	4100	J			21.181	
074866-28-7	1,1-Binaphthalene, 2,2-dibromo-	3600	J			23.743	
000192-97-2	Benzo[e]pyrene	9200	J			24.172	
E966796	Total Alkanes	1300	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:	E2AR0	SDG No.:	BG122324
Lab Sample ID:	P5302-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063782.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.2	83	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	96	U	96	210	410	ug/Kg
108-95-2	Phenol	37	U	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.9	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	82	U	82	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	52.9	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	52.9	210	ug/Kg
98-95-3	Nitrobenzene	80	U	80	52.9	210	ug/Kg
78-59-1	Isophorone	82	U	82	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.9	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	52.9	210	ug/Kg
105-60-2	Caprolactam	80	U	80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.9	210	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:	E2AR0	SDG No.:	BG122324
Lab Sample ID:	P5302-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BG063782.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.9	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	34	U	34	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	52.9	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.9	210	ug/Kg
86-73-7	Fluorene	34	U	34	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.9	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	34	U	34	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.9	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.9	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	52.9	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	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:	E2AR0	SDG No.:	BG122324
Lab Sample ID:	P5302-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BG063782.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	52.9	210	ug/Kg
218-01-9	Chrysene	30	U	30	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.615		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	13.429		20-120		34	SPK: -40
4165-62-2	Phenol-d5	15.227		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.874		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.439		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	14.702		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	14.808		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.452		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.392		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.098		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.182		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	17.011		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.088		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	18.637		20-140		47	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:	E2AR0	SDG No.:	BG122324
Lab Sample ID:	P5302-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BG063782.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.566		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	19.609		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	18.728		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.437		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121549	7.794				
1146-65-2	Naphthalene-d8	490704	10.585				
15067-26-2	Acenaphthene-d10	405808	14.44				
1517-22-2	Phenanthrene-d10	1027624	17.189				
1719-03-5	Chrysene-d12	1068873	21.437				
1520-96-3	Perylene-d12	1110445	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	410	J			15.797	
000930-02-9	Octadecane, 1-(ethenyloxy)-	100	J			21.102	
E966796	Total Alkanes	32	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:	E2AR1	SDG No.:	BG122324
Lab Sample ID:	P5302-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063783.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	75	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.2	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.2	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.2	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.2	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.2	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.2	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.2	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	48	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	48	190	ug/Kg
78-59-1	Isophorone	75	U	75	48	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93.2	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.2	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48	190	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:	E2AR1	SDG No.:	BG122324
Lab Sample ID:	P5302-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BG063783.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.2	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.2	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.2	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48	190	ug/Kg
86-73-7	Fluorene	31	U	31	48	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.2	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.2	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	48	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.2	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.2	370	ug/Kg
85-01-8	Phenanthrene	31	U	31	48	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48	190	ug/Kg
120-12-7	Anthracene	28	U	28	48	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48	190	ug/Kg
86-74-8	Carbazole	38	U	38	93.2	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	93.2	190	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:	E2AR1	SDG No.:	BG122324
Lab Sample ID:	P5302-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BG063783.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	48	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.2	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48	190	ug/Kg
218-01-9	Chrysene	27	U	27	48	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.2	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.165		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	15.767		20-120		39	SPK: -40
4165-62-2	Phenol-d5	17.213		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.771		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.013		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.956		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	19.187		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.525		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.27		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.098		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.172		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.026		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.576		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	21.764		20-140		54	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:	E2AR1	SDG No.:	BG122324
Lab Sample ID:	P5302-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063783.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.405		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	21.283		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	19.917		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.654		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113389	7.794				
1146-65-2	Naphthalene-d8	441519	10.585				
15067-26-2	Acenaphthene-d10	352965	14.44				
1517-22-2	Phenanthrene-d10	934705	17.189				
1719-03-5	Chrysene-d12	980992	21.437				
1520-96-3	Perylene-d12	1011625	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	370	J			15.797	
000629-96-9	1-Eicosanol	95	J			21.102	
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:	E2AR6	SDG No.:	BG122324
Lab Sample ID:	P5302-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BG063784.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

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	53.7	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	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	53.7	210	ug/Kg
67-72-1	Hexachloroethane	77	U	77	53.7	210	ug/Kg
98-95-3	Nitrobenzene	81	U	81	53.7	210	ug/Kg
78-59-1	Isophorone	83	U	83	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.7	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.7	210	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	53.7	210	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:	E2AR6	SDG No.:	BG122324
Lab Sample ID:	P5302-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BG063784.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.7	210	ug/Kg
208-96-8	Acenaphthylene	37	U	37	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.7	210	ug/Kg
84-66-2	Diethylphthalate	42	U	42	53.7	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.7	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	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.7	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	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	53.7	210	ug/Kg
120-12-7	Anthracene	32	U	32	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.7	210	ug/Kg
86-74-8	Carbazole	43	U	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.7	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	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:	E2AR6	SDG No.:	BG122324
Lab Sample ID:	P5302-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30	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
BG063784.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.7	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	53.7	210	ug/Kg
218-01-9	Chrysene	30	U	30	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	53.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.629		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	17.591		20-120		44	SPK: -40
4165-62-2	Phenol-d5	20.135		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.707		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.929		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.408		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	20.49		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.398		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.585		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.812		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.229		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	23.604		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.27		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	24.054		20-140		60	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:	E2AR6	SDG No.:	BG122324
Lab Sample ID:	P5302-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BG063784.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.992		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	24.127		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	21.471		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.955		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109894	7.8				
1146-65-2	Naphthalene-d8	459727	10.585				
15067-26-2	Acenaphthene-d10	360421	14.439				
1517-22-2	Phenanthrene-d10	937994	17.189				
1719-03-5	Chrysene-d12	961575	21.437				
1520-96-3	Perylene-d12	994096	24.445				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	370	J			15.797	
1000406-04-8	Pentadecafluorooctanoic acid, octa	120	J			21.102	
E966796	Total Alkanes	33	U			99	ug/Kg

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:	E2903MEDL	SDG No.:	BG122324
Lab Sample ID:	P5265-18MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063785.D	5	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6600	U	6600	1400	14000	ug/Kg
100-52-7	Benzaldehyde	15000	U	15000	17400	70000	ug/Kg
110-86-1	Pyridine	25000	U	25000	34900	70000	ug/Kg
108-95-2	Phenol	11000	U	11000	17400	70000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	13000	U	13000	17400	70000	ug/Kg
95-57-8	2-Chlorophenol	11000	U	11000	9000	35000	ug/Kg
95-48-7	2-Methylphenol	8500	U	8500	17400	70000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	14000	U	14000	17400	70000	ug/Kg
98-86-2	Acetophenone	11000	U	11000	17400	70000	ug/Kg
106-44-5	4-Methylphenol	11000	U	11000	17400	70000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	15000	U	15000	9000	35000	ug/Kg
67-72-1	Hexachloroethane	12000	U	12000	9000	35000	ug/Kg
98-95-3	Nitrobenzene	13000	U	13000	9000	35000	ug/Kg
78-59-1	Isophorone	7800	U	7800	9000	35000	ug/Kg
88-75-5	2-Nitrophenol	6100	U	6100	9000	35000	ug/Kg
105-67-9	2,4-Dimethylphenol	4200	U	4200	9000	35000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	6800	U	6800	9000	35000	ug/Kg
120-83-2	2,4-Dichlorophenol	5300	U	5300	9000	35000	ug/Kg
91-20-3	Naphthalene	9300	JD	3900	9000	35000	ug/Kg
106-47-8	4-Chloroaniline	6300	U	6300	9000	70000	ug/Kg
87-68-3	Hexachlorobutadiene	8500	U	8500	9000	35000	ug/Kg
105-60-2	Caprolactam	14000	U	14000	17400	70000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	7800	U	7800	9000	35000	ug/Kg
90-12-0	1-Methylnaphthalene	4400	U	4400	9000	35000	ug/Kg
91-57-6	2-Methylnaphthalene	5400	U	5400	9000	35000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	18000	U	18000	17400	70000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	8500	U	8500	9000	35000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	6800	U	6800	9000	35000	ug/Kg

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:	E2903MEDL	SDG No.:	BG122324
Lab Sample ID:	P5265-18MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	1.03	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063785.D	5	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	6400	U	6400	9000	35000	ug/Kg
91-58-7	2-Chloronaphthalene	6000	U	6000	9000	35000	ug/Kg
88-74-4	2-Nitroaniline	11000	U	11000	9000	35000	ug/Kg
131-11-3	Dimethylphthalate	5800	U	5800	9000	35000	ug/Kg
606-20-2	2,6-Dinitrotoluene	11000	U	11000	9000	35000	ug/Kg
208-96-8	Acenaphthylene	6100	U	6100	9000	35000	ug/Kg
99-09-2	3-Nitroaniline	9200	U	9200	17400	70000	ug/Kg
83-32-9	Acenaphthene	16000	JD	5500	9000	35000	ug/Kg
51-28-5	2,4-Dinitrophenol	25000	U	25000	17400	70000	ug/Kg
100-02-7	4-Nitrophenol	11000	U	11000	17400	70000	ug/Kg
132-64-9	Dibenzofuran	20000	JD	5500	9000	35000	ug/Kg
121-14-2	2,4-Dinitrotoluene	6800	U	6800	9000	35000	ug/Kg
84-66-2	Diethylphthalate	12000	U	12000	9000	35000	ug/Kg
86-73-7	Fluorene	15000	JD	12000	9000	35000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	8500	U	8500	9000	35000	ug/Kg
100-01-6	4-Nitroaniline	8500	U	8500	17400	70000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18000	U	18000	17400	70000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	20000	U	20000	9000	35000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	6200	U	6200	9000	35000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	13000	U	13000	9000	35000	ug/Kg
118-74-1	Hexachlorobenzene	16000	U	16000	9000	35000	ug/Kg
1912-24-9	Atrazine	15000	U	15000	17400	70000	ug/Kg
87-86-5	Pentachlorophenol	23000	U	23000	17400	70000	ug/Kg
85-01-8	Phenanthrene	210000	D	4900	9000	35000	ug/Kg
608-93-5	Pentachlorobenzene	15000	U	15000	9000	35000	ug/Kg
120-12-7	Anthracene	11000	JD	4000	9000	35000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	16000	U	16000	9000	35000	ug/Kg
86-74-8	Carbazole	19000	JD	6700	17400	70000	ug/Kg
84-74-2	Di-n-butylphthalate	6000	U	6000	9000	35000	ug/Kg
206-44-0	Fluoranthene	180000	D	4200	17400	35000	ug/Kg

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:	E2903MEDL	SDG No.:	BG122324
Lab Sample ID:	P5265-18MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063785.D	5	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	98000	D	4400	9000	35000	ug/Kg
85-68-7	Butylbenzylphthalate	3700	U	3700	9000	35000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	14000	U	14000	17400	70000	ug/Kg
56-55-3	Benzo(a)anthracene	39000	D	5400	9000	35000	ug/Kg
218-01-9	Chrysene	52000	D	4600	9000	35000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4000	U	4000	9000	35000	ug/Kg
117-84-0	Di-n-octyl phthalate	9200	U	9200	17400	70000	ug/Kg
205-99-2	Benzo(b)fluoranthene	63000	D	6800	9000	35000	ug/Kg
207-08-9	Benzo(k)fluoranthene	20000	JD	5900	9000	35000	ug/Kg
50-32-8	Benzo(a)pyrene	17000	JD	7000	9000	35000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	17000	JD	6600	9000	35000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	5400	U	5400	9000	35000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6300	U	6300	9000	35000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	13000	U	13000	9000	35000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.365		15-120		42	SPK: -8
7291-22-7	Pyridine-d5		U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	15.71		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.87		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.34		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	10.875		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	15.5		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.73		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.78		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.45		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.465		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	19.685		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.855		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	20.47		20-140		51	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:	E2903MEDL	SDG No.:	BG122324
Lab Sample ID:	P5265-18MEDL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063785.D	5	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.085		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	22.465		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	17.24		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.015		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98495	7.797				
1146-65-2	Naphthalene-d8	414258	10.588				
15067-26-2	Acenaphthene-d10	324552	14.437				
1517-22-2	Phenanthrene-d10	840227	17.192				
1719-03-5	Chrysene-d12	911812	21.44				
1520-96-3	Perylene-d12	932000	24.448				
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	29000	JD			7.186	
000486-25-9	9H-Fluoren-9-one	16000	JD			16.846	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	15000	JD			18.115	
000203-64-5	4H-Cyclopenta[def]phenanthrene	17000	JD			18.262	
000084-65-1	9,10-Anthracenedione	31000	JD			18.614	
E966796	Total Alkanes	6400	U			99	ug/Kg

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:	E1PK9	SDG No.:	BG122324
Lab Sample ID:	P5348-05	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
BG063786.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	E1PK9	SDG No.:	BG122324
Lab Sample ID:	P5348-05	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
BG063786.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	E1PK9	SDG No.:	BG122324
Lab Sample ID:	P5348-05	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
BG063786.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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	5.159		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	9.914		20-120		25	SPK: -40
4165-62-2	Phenol-d5	8.674		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.103		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.841		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	20.53		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	40.47		20-125		101	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.531		20-130		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.085		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.88		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.593		25-130		99	SPK: -40
93951-97-4	Acenaphthylene-d8	41.131		10-130		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.546		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	42.395		25-125		106	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:	E1PK9	SDG No.:	BG122324
Lab Sample ID:	P5348-05	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
BG063786.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.801		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	43.373		25-130		108	SPK: -40
1718-52-1	Pyrene-d10	42.804		15-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.558		20-130		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84832	7.799				
1146-65-2	Naphthalene-d8	348828	10.584				
15067-26-2	Acenaphthene-d10	286519	14.438				
1517-22-2	Phenanthrene-d10	740606	17.188				
1719-03-5	Chrysene-d12	783922	21.436				
1520-96-3	Perylene-d12	817072	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	4.1	J			13.281	
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:	E1PL1	SDG No.:	BG122324
Lab Sample ID:	P5348-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	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
BG063787.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	E1PL1	SDG No.:	BG122324
Lab Sample ID:	P5348-06	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
BG063787.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	E1PL1	SDG No.:	BG122324
Lab Sample ID:	P5348-06	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
BG063787.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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	4.653		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	3.476	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	7.897		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.243		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.452		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	17.676		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	33.428		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.374		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.814		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.541		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.449		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	34.217		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.205		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	35.548		25-125		89	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:	E1PL1	SDG No.:	BG122324
Lab Sample ID:	P5348-06	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
BG063787.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.954		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	38.372		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	36.837		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.097		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103906	7.797				
1146-65-2	Naphthalene-d8	408304	10.588				
15067-26-2	Acenaphthene-d10	326966	14.436				
1517-22-2	Phenanthrene-d10	833314	17.192				
1719-03-5	Chrysene-d12	877989	21.44				
1520-96-3	Perylene-d12	903277	24.448				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	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:	E2AR6MS	SDG No.:	BG122324
Lab Sample ID:	P5302-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.06	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
BG063788.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	460		34	8.3	84	ug/Kg
100-52-7	Benzaldehyde	180	J	73	100	420	ug/Kg
110-86-1	Pyridine	1100		97	210	420	ug/Kg
108-95-2	Phenol	1300		38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		37	100	420	ug/Kg
95-57-8	2-Chlorophenol	1300		35	53.6	210	ug/Kg
95-48-7	2-Methylphenol	1300		39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		50	100	420	ug/Kg
98-86-2	Acetophenone	1200		83	100	420	ug/Kg
106-44-5	4-Methylphenol	1300		67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		100	53.6	210	ug/Kg
67-72-1	Hexachloroethane	1100		77	53.6	210	ug/Kg
98-95-3	Nitrobenzene	1200		81	53.6	210	ug/Kg
78-59-1	Isophorone	1300		83	53.6	210	ug/Kg
88-75-5	2-Nitrophenol	1300		76	53.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		40	53.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		57	53.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		48	53.6	210	ug/Kg
91-20-3	Naphthalene	1300		30	53.6	210	ug/Kg
106-47-8	4-Chloroaniline	870		45	53.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	1100		44	53.6	210	ug/Kg
105-60-2	Caprolactam	1600		81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		52	53.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	1300		30	53.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	1400		40	53.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650		120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		30	53.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		42	53.6	210	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:	E2AR6MS	SDG No.:	BG122324
Lab Sample ID:	P5302-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063788.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		33	53.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	1300		42	53.6	210	ug/Kg
88-74-4	2-Nitroaniline	1400		57	53.6	210	ug/Kg
131-11-3	Dimethylphthalate	1300		38	53.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		25	53.6	210	ug/Kg
208-96-8	Acenaphthylene	1300		37	53.6	210	ug/Kg
99-09-2	3-Nitroaniline	1500		83	100	420	ug/Kg
83-32-9	Acenaphthene	1300		33	53.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		160	100	420	ug/Kg
100-02-7	4-Nitrophenol	1200		56	100	420	ug/Kg
132-64-9	Dibenzofuran	1300		34	53.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		44	53.6	210	ug/Kg
84-66-2	Diethylphthalate	1400		42	53.6	210	ug/Kg
86-73-7	Fluorene	1400		34	53.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		25	53.6	210	ug/Kg
100-01-6	4-Nitroaniline	1800		30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		30	53.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		43	53.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		33	53.6	210	ug/Kg
118-74-1	Hexachlorobenzene	1300		35	53.6	210	ug/Kg
1912-24-9	Atrazine	1300		35	100	420	ug/Kg
87-86-5	Pentachlorophenol	1200		110	100	420	ug/Kg
85-01-8	Phenanthrene	1400		34	53.6	210	ug/Kg
608-93-5	Pentachlorobenzene	1200		47	53.6	210	ug/Kg
120-12-7	Anthracene	1400		32	53.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		21	53.6	210	ug/Kg
86-74-8	Carbazole	1500		43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	1500		34	53.6	210	ug/Kg
206-44-0	Fluoranthene	1400		24	100	210	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:	E2AR6MS	SDG No.:	BG122324
Lab Sample ID:	P5302-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.06	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
BG063788.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		23	53.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	1500		28	53.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1300		29	53.6	210	ug/Kg
218-01-9	Chrysene	1300		30	53.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		32	53.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		47	53.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		48	53.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	1300		39	53.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		35	53.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		33	53.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		40	53.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		45	53.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.175		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	18.861		20-120		47	SPK: -40
4165-62-2	Phenol-d5	21.76		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.749		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.852		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	21.292		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	23.365		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.475		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.7		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.256		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.36		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.192		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.493		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	23.559		20-140		59	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:	E2AR6MS	SDG No.:	BG122324
Lab Sample ID:	P5302-04MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063788.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.864		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	23.619		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	20.425		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.282		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108173	7.797				
1146-65-2	Naphthalene-d8	445066	10.588				
15067-26-2	Acenaphthene-d10	367863	14.436				
1517-22-2	Phenanthrene-d10	936976	17.192				
1719-03-5	Chrysene-d12	964530	21.44				
1520-96-3	Perylene-d12	1031283	24.448				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	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:	E2AR6MSD	SDG No.:	BG122324
Lab Sample ID:	P5302-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063789.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	500		34	8.3	84	ug/Kg
100-52-7	Benzaldehyde	200	J	73	100	420	ug/Kg
110-86-1	Pyridine	1300		97	210	420	ug/Kg
108-95-2	Phenol	1500		38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		37	100	420	ug/Kg
95-57-8	2-Chlorophenol	1400		35	53.7	210	ug/Kg
95-48-7	2-Methylphenol	1400		39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		51	100	420	ug/Kg
98-86-2	Acetophenone	1300		83	100	420	ug/Kg
106-44-5	4-Methylphenol	1400		67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		100	53.7	210	ug/Kg
67-72-1	Hexachloroethane	1200		77	53.7	210	ug/Kg
98-95-3	Nitrobenzene	1400		81	53.7	210	ug/Kg
78-59-1	Isophorone	1400		83	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	1500		76	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		40	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		57	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		48	53.7	210	ug/Kg
91-20-3	Naphthalene	1400		30	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	950		45	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	1300		44	53.7	210	ug/Kg
105-60-2	Caprolactam	1700		81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		52	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	1400		30	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	1400		40	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	740		120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		30	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		42	53.7	210	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:	E2AR6MSD	SDG No.:	BG122324
Lab Sample ID:	P5302-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063789.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		33	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	1300		42	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	1500		57	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	1400		38	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		25	53.7	210	ug/Kg
208-96-8	Acenaphthylene	1400		37	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	1600		83	100	420	ug/Kg
83-32-9	Acenaphthene	1400		33	53.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		160	100	420	ug/Kg
100-02-7	4-Nitrophenol	1400		56	100	420	ug/Kg
132-64-9	Dibenzofuran	1400		34	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		44	53.7	210	ug/Kg
84-66-2	Diethylphthalate	1500		42	53.7	210	ug/Kg
86-73-7	Fluorene	1500		34	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		25	53.7	210	ug/Kg
100-01-6	4-Nitroaniline	1900		30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		30	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		43	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		33	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	1400		35	53.7	210	ug/Kg
1912-24-9	Atrazine	1500		35	100	420	ug/Kg
87-86-5	Pentachlorophenol	1400		110	100	420	ug/Kg
85-01-8	Phenanthrene	1500		34	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	1300		47	53.7	210	ug/Kg
120-12-7	Anthracene	1500		32	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		21	53.7	210	ug/Kg
86-74-8	Carbazole	1700		43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	1600		34	53.7	210	ug/Kg
206-44-0	Fluoranthene	1400		24	100	210	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:	E2AR6MSD	SDG No.:	BG122324
Lab Sample ID:	P5302-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063789.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		23	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	1600		28	53.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1400		29	53.7	210	ug/Kg
218-01-9	Chrysene	1400		30	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		32	53.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		47	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		48	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	1400		39	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		35	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		33	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		40	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		45	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.611		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	21.896		20-120		55	SPK: -40
4165-62-2	Phenol-d5	24.191		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.632		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.59		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.644		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.118		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.181		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.048		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.015		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.456		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.64		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.33		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	24.926		20-140		62	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:	E2AR6MSD	SDG No.:	BG122324
Lab Sample ID:	P5302-05MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063789.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.041		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	25.515		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	22.185		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.314		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103603	7.795				
1146-65-2	Naphthalene-d8	434789	10.586				
15067-26-2	Acenaphthene-d10	353680	14.441				
1517-22-2	Phenanthrene-d10	874476	17.19				
1719-03-5	Chrysene-d12	945753	21.438				
1520-96-3	Perylene-d12	978374	24.452				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SLCS811	SDG No.:	BG122324
Lab Sample ID:	PB165811BS	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
BG063790.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	4.3	J	2.3	5	10	ug/L
110-86-1	Pyridine	37		2.2	10	10	ug/L
108-95-2	Phenol	38		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	35		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	40		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	36		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	35		1.2	5	10	ug/L
98-86-2	Acetophenone	33		0.89	5	10	ug/L
106-44-5	4-Methylphenol	37		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	33		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	33		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	36		0.99	2.5	5	ug/L
78-59-1	Isophorone	36		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	40		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	40		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	37		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	42		0.93	2.5	5	ug/L
91-20-3	Naphthalene	37		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	34		0.98	2.5	5	ug/L
105-60-2	Caprolactam	41		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	39		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	36		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	36		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	20		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	39		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	40		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SLCS811	SDG No.:	BG122324
Lab Sample ID:	PB165811BS	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
BG063790.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	36		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	40		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	38		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	41		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	38		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	44		1.5	5	10	ug/L
83-32-9	Acenaphthene	38		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	43		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	39		1.4	5	10	ug/L
132-64-9	Dibenzofuran	38		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	42		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	40		0.87	2.5	5	ug/L
86-73-7	Fluorene	40		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	52		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	41		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	38		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	36		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	37		0.56	2.5	5	ug/L
1912-24-9	Atrazine	38		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	40		2.5	5	10	ug/L
85-01-8	Phenanthrene	40		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	34		1.2	2.5	5	ug/L
120-12-7	Anthracene	40		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	32		0.92	2.5	5	ug/L
86-74-8	Carbazole	45		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	42		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	36		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SLCS811	SDG No.:	BG122324
Lab Sample ID:	PB165811BS	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
BG063790.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	36		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	37		0.56	2.5	5	ug/L
218-01-9	Chrysene	37		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	47		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	39		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	41		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	39		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	40		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	39		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	42		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.488		15-120		94	SPK: -8
7291-22-7	Pyridine-d5	36.059		20-120		90	SPK: -40
4165-62-2	Phenol-d5	37.525		10-130		94	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.663		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.874		20-130		95	SPK: -40
190780-66-6	4-Methylphenol-d8	36.011		25-125		90	SPK: -40
4165-60-0	Nitrobenzene-d5	37.521		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.249		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.444		20-120		104	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.955		1-146		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.507		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	36.823		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	40.817		10-150		102	SPK: -40
81103-79-9	Fluorene-d10	38.386		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SLCS811	SDG No.:	BG122324
Lab Sample ID:	PB165811BS	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
BG063790.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.13		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	38.352		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	34.212		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.386		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81398	7.8				
1146-65-2	Naphthalene-d8	322944	10.585				
15067-26-2	Acenaphthene-d10	247000	14.44				
1517-22-2	Phenanthrene-d10	618196	17.189				
1719-03-5	Chrysene-d12	750526	21.437				
1520-96-3	Perylene-d12	756684	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK811	SDG No.:	BG122324
Lab Sample ID:	PB165811BL	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
BG063792.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK811	SDG No.:	BG122324
Lab Sample ID:	PB165811BL	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
BG063792.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK811	SDG No.:	BG122324
Lab Sample ID:	PB165811BL	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
BG063792.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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	6.286		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	29.706		20-120		74	SPK: -40
4165-62-2	Phenol-d5	28.876		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.56		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.503		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.195		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	29.709		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.836		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.633		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.24		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.342		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.678		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.152		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	31.415		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK811	SDG No.:	BG122324
Lab Sample ID:	PB165811BL	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
BG063792.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.216		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	32.049		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	30.535		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.747		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94727	7.8				
1146-65-2	Naphthalene-d8	359226	10.585				
15067-26-2	Acenaphthene-d10	285677	14.439				
1517-22-2	Phenanthrene-d10	770344	17.189				
1719-03-5	Chrysene-d12	836753	21.437				
1520-96-3	Perylene-d12	852706	24.445				
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:	SBLK751	SDG No.:	BG122324
Lab Sample ID:	PB165751BL	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
BG063793.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

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:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK751	SDG No.:	BG122324
Lab Sample ID:	PB165751BL	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
BG063793.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

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:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK751	SDG No.:	BG122324
Lab Sample ID:	PB165751BL	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
BG063793.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.928		15-120		87	SPK: -8
7291-22-7	Pyridine-d5	30.755		20-120		77	SPK: -40
4165-62-2	Phenol-d5	32.533		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.829		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.884		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	30.728		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	34.352		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.028		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.319		10-140		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.172		1-145		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.647		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	36.697		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.195		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	37.802		20-140		95	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:	SBLK751	SDG No.:	BG122324
Lab Sample ID:	PB165751BL	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
BG063793.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.061		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	39.514		10-150		99	SPK: -40
1718-52-1	Pyrene-d10	37.921		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.563		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99462	7.796				
1146-65-2	Naphthalene-d8	396806	10.587				
15067-26-2	Acenaphthene-d10	316628	14.435				
1517-22-2	Phenanthrene-d10	818873	17.191				
1719-03-5	Chrysene-d12	874770	21.439				
1520-96-3	Perylene-d12	902799	24.447				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

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:	E2927	SDG No.:	BG122324
Lab Sample ID:	P5353-01	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
BG063794.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	E2927	SDG No.:	BG122324
Lab Sample ID:	P5353-01	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
BG063794.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	E2927	SDG No.:	BG122324
Lab Sample ID:	P5353-01	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
BG063794.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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							
7291-22-7	Pyridine-d5	6.286	*	20-120		16	SPK: -40
17647-74-4	1,4-Dioxane-d8	7.696		15-120		96	SPK: -8
4165-62-2	Phenol-d5	11.942		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	41.008		25-120		103	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.471		20-130		94	SPK: -40
190780-66-6	4-Methylphenol-d8	25.637		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	42.663		20-125		107	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.497		20-130		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.164		20-120		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.195		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.053		25-130		108	SPK: -40
93951-97-4	Acenaphthylene-d8	42.286		10-130		106	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.03		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	45.822		25-125		115	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:	E2927	SDG No.:	BG122324
Lab Sample ID:	P5353-01	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
BG063794.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.22		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	48.687		25-130		122	SPK: -40
1718-52-1	Pyrene-d10	47.944		15-130		120	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	49.519		20-130		124	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73862	7.8				
1146-65-2	Naphthalene-d8	307847	10.585				
15067-26-2	Acenaphthene-d10	249625	14.44				
1517-22-2	Phenanthrene-d10	649302	17.189				
1719-03-5	Chrysene-d12	679650	21.437				
1520-96-3	Perylene-d12	693835	24.446				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.3	J			17.853	
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:	E2928	SDG No.:	BG122324
Lab Sample ID:	P5353-03	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
BG063795.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	E2928	SDG No.:	BG122324
Lab Sample ID:	P5353-03	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
BG063795.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	E2928	SDG No.:	BG122324
Lab Sample ID:	P5353-03	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
BG063795.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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	6.677		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	7.884		20-120		20	SPK: -40
4165-62-2	Phenol-d5	11.281		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	40.75		25-120		102	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.993		20-130		95	SPK: -40
190780-66-6	4-Methylphenol-d8	24.5		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	42.132		20-125		105	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.599		20-130		109	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.194		20-120		103	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.07		1-146		88	SPK: -40
85448-30-2	Dimethylphthalate-d6	43.85		25-130		110	SPK: -40
93951-97-4	Acenaphthylene-d8	45.327		10-130		113	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.67		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	47.673		25-125		119	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:	E2928	SDG No.:	BG122324
Lab Sample ID:	P5353-03	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
BG063795.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.345		10-130		96	SPK: -40
1719-06-8	Anthracene-d10	52.546	*	25-130		131	SPK: -40
1718-52-1	Pyrene-d10	50.458		15-130		126	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	51.403		20-130		129	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68741	7.794				
1146-65-2	Naphthalene-d8	287558	10.585				
15067-26-2	Acenaphthene-d10	233123	14.44				
1517-22-2	Phenanthrene-d10	591516	17.189				
1719-03-5	Chrysene-d12	615942	21.437				
1520-96-3	Perylene-d12	639244	24.445				
TENTATIVE IDENTIFIED COMPOUNDS							
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	2.6	J			17.859	
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:	YE692	SDG No.:	BG122324
Lab Sample ID:	P5379-01	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
BG063796.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	YE692	SDG No.:	BG122324
Lab Sample ID:	P5379-01	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
BG063796.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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:	YE692	SDG No.:	BG122324
Lab Sample ID:	P5379-01	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
BG063796.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

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	4.899		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	6.64	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	7.721		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.002		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.544		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	19.271		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	37.359		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.676		20-130		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.902		20-120		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.996		1-146		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.793		25-130		102	SPK: -40
93951-97-4	Acenaphthylene-d8	39.063		10-130		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.921		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	43.609		25-125		109	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:	YE692	SDG No.:	BG122324
Lab Sample ID:	P5379-01	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
BG063796.D	1	12/23/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.181		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	46.221		25-130		116	SPK: -40
1718-52-1	Pyrene-d10	45.831		15-130		115	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.892		20-130		120	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77309	7.801				
1146-65-2	Naphthalene-d8	328703	10.586				
15067-26-2	Acenaphthene-d10	260650	14.434				
1517-22-2	Phenanthrene-d10	662992	17.19				
1719-03-5	Chrysene-d12	682926	21.438				
1520-96-3	Perylene-d12	704710	24.446				
TENTATIVE IDENTIFIED COMPOUNDS							
000090-05-1	Phenol, 2-methoxy-	2.9	J			8.894	
000059-50-7	Phenol, 4-chloro-3-methyl-	2.5	J			11.896	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	6.9	J			17.86	
E966796	Total Alkanes	0.99	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:	E2AR7	SDG No.:	BG122324
Lab Sample ID:	P5302-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BG063797.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

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	96.4	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.7	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.4	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.4	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.7	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.7	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.7	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.7	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.7	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.7	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.7	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.7	200	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:	E2AR7	SDG No.:	BG122324
Lab Sample ID:	P5302-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BG063797.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.7	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.7	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.7	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.7	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.4	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.4	390	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.4	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.7	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.7	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.4	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	49.7	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.7	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.7	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.7	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	96.4	200	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:	E2AR7	SDG No.:	BG122324
Lab Sample ID:	P5302-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BG063797.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.7	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.551		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.438		20-120		41	SPK: -40
4165-62-2	Phenol-d5	16.937		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.484		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.091		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	15.859		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	18.079		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.158		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.124		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.576		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.358		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.158		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.729		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	20.787		20-140		52	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:	E2AR7	SDG No.:	BG122324
Lab Sample ID:	P5302-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BG063797.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.062		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	21.307		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	18.777		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.073		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95678	7.796				
1146-65-2	Naphthalene-d8	372835	10.587				
15067-26-2	Acenaphthene-d10	311075	14.436				
1517-22-2	Phenanthrene-d10	810098	17.191				
1719-03-5	Chrysene-d12	866156	21.439				
1520-96-3	Perylene-d12	914269	24.453				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.799	
E966796	Total Alkanes	30	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:	E2AR8	SDG No.:	BG122324
Lab Sample ID:	P5302-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BG063798.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	76	ug/Kg
100-52-7	Benzaldehyde	67	U	67	94.6	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.6	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.7	190	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.6	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.6	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	48.7	190	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.7	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.7	190	ug/Kg
78-59-1	Isophorone	76	U	76	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.7	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.7	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.7	190	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:	E2AR8	SDG No.:	BG122324
Lab Sample ID:	P5302-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063798.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.7	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.6	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.6	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.6	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.7	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.7	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	94.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.7	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.6	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.6	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.7	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.7	190	ug/Kg
86-74-8	Carbazole	39	U	39	94.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.7	190	ug/Kg
206-44-0	Fluoranthene	22	U	22	94.6	190	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:	E2AR8	SDG No.:	BG122324
Lab Sample ID:	P5302-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BG063798.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.6	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.7	190	ug/Kg
218-01-9	Chrysene	28	U	28	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.239		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	15.303		20-120		38	SPK: -40
4165-62-2	Phenol-d5	17.355		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.179		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.868		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.54		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	19.093		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.936		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.075		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.049		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.701		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.1		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.667		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	23.251		20-140		58	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:	E2AR8	SDG No.:	BG122324
Lab Sample ID:	P5302-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063798.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.997		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	24.207		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	23.057		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.555		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103342	7.8				
1146-65-2	Naphthalene-d8	419554	10.585				
15067-26-2	Acenaphthene-d10	339665	14.44				
1517-22-2	Phenanthrene-d10	876345	17.189				
1719-03-5	Chrysene-d12	927252	21.437				
1520-96-3	Perylene-d12	950651	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	340	J			15.797	
E966796	Total Alkanes	30	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:	E2AR9	SDG No.:	BG122324
Lab Sample ID:	P5302-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063799.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.6	370	ug/Kg
110-86-1	Pyridine	86	U	86	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.6	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.7	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.6	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.6	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.7	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.7	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.7	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.7	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.7	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.7	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.7	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.7	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AR9	SDG No.:	BG122324
Lab Sample ID:	P5302-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063799.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.7	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.7	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.7	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.7	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.6	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.6	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.6	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.7	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.7	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.7	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.7	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.7	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.6	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.6	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.7	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.7	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.7	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.7	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.6	190	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:	E2AR9	SDG No.:	BG122324
Lab Sample ID:	P5302-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30	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
BG063799.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.7	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	47.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.056		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	14.623		20-120		37	SPK: -40
4165-62-2	Phenol-d5	16.466		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.041		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.704		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	16.785		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	17.688		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.36		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.989		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.046		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.768		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	20.661		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.71		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	21.541		20-140		54	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:	E2AR9	SDG No.:	BG122324
Lab Sample ID:	P5302-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063799.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.944		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	21.895		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	20.667		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.552		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95173	7.797				
1146-65-2	Naphthalene-d8	387361	10.588				
15067-26-2	Acenaphthene-d10	313522	14.436				
1517-22-2	Phenanthrene-d10	806055	17.192				
1719-03-5	Chrysene-d12	866437	21.44				
1520-96-3	Perylene-d12	914360	24.454				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	280	J			15.799	
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:	E2AS1	SDG No.:	BG122324
Lab Sample ID:	P5302-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
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
BG063800.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

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

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AS1	SDG No.:	BG122324
Lab Sample ID:	P5302-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063800.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

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

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AS1	SDG No.:	BG122324
Lab Sample ID:	P5302-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
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
BG063800.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	48.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.1	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.636		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	12.111		20-120		30	SPK: -40
4165-62-2	Phenol-d5	14.44		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.778		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.184		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	14.323		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	15.417		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.594		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.851		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.605		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.562		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.009		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.376		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	19.05		20-140		48	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:	E2AS1	SDG No.:	BG122324
Lab Sample ID:	P5302-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063800.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.798		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	19.883		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	18.983		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.553		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95520	7.8				
1146-65-2	Naphthalene-d8	398230	10.585				
15067-26-2	Acenaphthene-d10	323889	14.439				
1517-22-2	Phenanthrene-d10	827375	17.189				
1719-03-5	Chrysene-d12	862207	21.437				
1520-96-3	Perylene-d12	883952	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.796	
E966796	Total Alkanes	29	U			99	ug/Kg

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:	E2AN7	SDG No.:	BG122324
Lab Sample ID:	P5302-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063801.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

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	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	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	51.5	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	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	51.5	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	55	U	55	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	100	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	100	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:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AN7	SDG No.:	BG122324
Lab Sample ID:	P5302-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BG063801.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	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	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	32	51.5	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	51.5	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	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	51.5	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	32	U	32	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.5	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	51.5	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	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.5	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

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:	E2AN7	SDG No.:	BG122324
Lab Sample ID:	P5302-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063801.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

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	100	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	100	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	32	U	32	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	3.116		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	11.806		20-120		30	SPK: -40
4165-62-2	Phenol-d5	14.428		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.923		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.638		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	13.415		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	14.5		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.04		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.465		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.141		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.636		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.817		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.011		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	16.248		20-140		41	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:	E2AN7	SDG No.:	BG122324
Lab Sample ID:	P5302-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063801.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.209		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	17.068		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	15.039		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.493		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101287	7.796				
1146-65-2	Naphthalene-d8	419189	10.587				
15067-26-2	Acenaphthene-d10	331878	14.441				
1517-22-2	Phenanthrene-d10	843971	17.191				
1719-03-5	Chrysene-d12	881597	21.439				
1520-96-3	Perylene-d12	922238	24.453				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	130	J			15.798	
E966796	Total Alkanes	32	U			99	ug/Kg

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:	E2AP8	SDG No.:	BG122324
Lab Sample ID:	P5302-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BG063802.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	79	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.4	390	ug/Kg
108-95-2	Phenol	45	J	36	98.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.7	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.4	390	ug/Kg
98-86-2	Acetophenone	79	U	79	98.4	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.7	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.7	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.7	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.7	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.7	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AP8	SDG No.:	BG122324
Lab Sample ID:	P5302-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063802.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.7	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.4	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98.4	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.4	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.7	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.4	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.7	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.7	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.7	200	ug/Kg
206-44-0	Fluoranthene	23	U	23	98.4	200	ug/Kg

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:	E2AP8	SDG No.:	BG122324
Lab Sample ID:	P5302-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
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
BG063802.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.7	200	ug/Kg
218-01-9	Chrysene	29	U	29	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.7	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	21.96		20-120		55	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.085		15-120		64	SPK: -8
4165-62-2	Phenol-d5	28.924		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.402		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.862		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	27.89		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	30.788		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.226		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.359		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.147		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.736		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.551		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.853		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	34.179		20-140		85	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:	E2AP8	SDG No.:	BG122324
Lab Sample ID:	P5302-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063802.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.833		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	35.806		10-150		90	SPK: -40
1718-52-1	Pyrene-d10	33.237		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.319		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103131	7.798				
1146-65-2	Naphthalene-d8	417061	10.588				
15067-26-2	Acenaphthene-d10	339341	14.437				
1517-22-2	Phenanthrene-d10	841478	17.192				
1719-03-5	Chrysene-d12	866309	21.44				
1520-96-3	Perylene-d12	902907	24.449				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.8	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	180	J			21.1	
E966796	Total Alkanes	31	U			99	ug/Kg

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:	E2AP9	SDG No.:	BG122324
Lab Sample ID:	P5302-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063803.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

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	93.5	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.2	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.5	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.5	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.2	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.2	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.2	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.2	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.2	190	ug/Kg
105-60-2	Caprolactam	73	U	73	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48.2	190	ug/Kg

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:	E2AP9	SDG No.:	BG122324
Lab Sample ID:	P5302-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063803.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.2	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.5	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.5	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.2	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.2	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.2	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.5	370	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.2	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.2	190	ug/Kg
86-74-8	Carbazole	39	U	39	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.2	190	ug/Kg
206-44-0	Fluoranthene	22	U	22	93.5	190	ug/Kg

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:	E2AP9	SDG No.:	BG122324
Lab Sample ID:	P5302-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
Sample Wt/Vol:	30	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
BG063803.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.2	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.636		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	9.996		20-120		25	SPK: -40
4165-62-2	Phenol-d5	13.402		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.401		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.497		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	10.621		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	13.777		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.942		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.83		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.548		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.796		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	14.544		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.721		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	15.519		20-140		39	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:	E2AP9	SDG No.:	BG122324
Lab Sample ID:	P5302-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063803.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.712		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	16.955		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	14.916		10-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.154		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97715	7.801				
1146-65-2	Naphthalene-d8	411990	10.586				
15067-26-2	Acenaphthene-d10	328670	14.44				
1517-22-2	Phenanthrene-d10	830747	17.19				
1719-03-5	Chrysene-d12	874573	21.438				
1520-96-3	Perylene-d12	904922	24.452				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	98	J			15.798	
E966796	Total Alkanes	29	U			99	ug/Kg

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:	SLCS751	SDG No.:	BG122324
Lab Sample ID:	PB165751BS	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
BG063804.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	450		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	910		58	82.5	330	ug/Kg
110-86-1	Pyridine	1100		77	170	330	ug/Kg
108-95-2	Phenol	1300		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1300		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1200		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		40	82.5	330	ug/Kg
98-86-2	Acetophenone	1200		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1200		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1100		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1300		64	42.5	170	ug/Kg
78-59-1	Isophorone	1300		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1400		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	1300		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		38	42.5	170	ug/Kg
91-20-3	Naphthalene	1300		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1000		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1500		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	590		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	1200		33	42.5	170	ug/Kg

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:	SLCS751	SDG No.:	BG122324
Lab Sample ID:	PB165751BS	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
BG063804.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1300		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1400		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1700		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1300		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1300		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1400		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1400		33	42.5	170	ug/Kg
86-73-7	Fluorene	1400		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1800		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		28	42.5	170	ug/Kg
1912-24-9	Atrazine	520		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	950		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1500		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1200		37	42.5	170	ug/Kg
120-12-7	Anthracene	1400		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		17	42.5	170	ug/Kg
86-74-8	Carbazole	1600		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1500		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1400		19	82.5	170	ug/Kg

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:	SLCS751	SDG No.:	BG122324
Lab Sample ID:	PB165751BS	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
BG063804.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		23	42.5	170	ug/Kg
218-01-9	Chrysene	1400		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		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	7.641		15-120		96	SPK: -8
7291-22-7	Pyridine-d5	35.21		20-120		88	SPK: -40
4165-62-2	Phenol-d5	38.859		10-130		97	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.717		10-150		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.135		15-120		95	SPK: -40
190780-66-6	4-Methylphenol-d8	37.573		10-140		94	SPK: -40
4165-60-0	Nitrobenzene-d5	40.742		10-135		102	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.23		10-120		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	41.812		10-140		105	SPK: -40
191656-33-4	4-Chloroaniline-d4	37.936		1-145		95	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.332		10-145		103	SPK: -40
93951-97-4	Acenaphthylene-d8	41.197		15-120		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	46.569		10-150		116	SPK: -40
81103-79-9	Fluorene-d10	43.236		20-140		108	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:	SLCS751	SDG No.:	BG122324
Lab Sample ID:	PB165751BS	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
BG063804.D	1	12/19/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	42.292		10-130		106	SPK: -40
1719-06-8	Anthracene-d10	43.371		10-150		108	SPK: -40
1718-52-1	Pyrene-d10	41.839		10-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.245		10-140		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78994	7.796				
1146-65-2	Naphthalene-d8	323929	10.587				
15067-26-2	Acenaphthene-d10	260159	14.441				
1517-22-2	Phenanthrene-d10	643168	17.191				
1719-03-5	Chrysene-d12	678008	21.439				
1520-96-3	Perylene-d12	697047	24.453				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SLCS779	SDG No.:	BG122324
Lab Sample ID:	PB165779BS	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
BG063805.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	120	J	58	82.5	330	ug/Kg
110-86-1	Pyridine	970		77	170	330	ug/Kg
108-95-2	Phenol	1000		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	960		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1000		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	890		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	830		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	850		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	960		64	42.5	170	ug/Kg
78-59-1	Isophorone	950		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1100		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	960		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	980		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	630		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	890		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1100		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	960		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	460		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SLCS779	SDG No.:	BG122324
Lab Sample ID:	PB165779BS	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
BG063805.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	930		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	930		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	1000		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	980		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	990		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1100		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		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	1400		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		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	830		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	940		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	960		28	42.5	170	ug/Kg
1912-24-9	Atrazine	1000		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	990		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	880		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	820		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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SLCS779	SDG No.:	BG122324
Lab Sample ID:	PB165779BS	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
BG063805.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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	1100		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	970		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		23	42.5	170	ug/Kg
218-01-9	Chrysene	990		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		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	1000		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.586		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	29.159		20-120		73	SPK: -40
4165-62-2	Phenol-d5	30.023		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.636		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.61		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	28.075		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	29.397		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.694		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.9		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.966		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.936		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.005		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.284		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	30.379		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SLCS779	SDG No.:	BG122324
Lab Sample ID:	PB165779BS	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
BG063805.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.023		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	30.953		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	29.007		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.998		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90471	7.802				
1146-65-2	Naphthalene-d8	365103	10.587				
15067-26-2	Acenaphthene-d10	292073	14.441				
1517-22-2	Phenanthrene-d10	751859	17.191				
1719-03-5	Chrysene-d12	847357	21.439				
1520-96-3	Perylene-d12	852658	24.453				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063807.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063807.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063807.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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	5.291		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	25.103		20-120		63	SPK: -40
4165-62-2	Phenol-d5	25.826		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.845		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.096		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.796		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.483		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.712		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.511		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.835		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.652		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.862		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.618		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	27.624		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063807.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.891		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	28.161		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	26.58		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.032		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98988	7.797				
1146-65-2	Naphthalene-d8	385160	10.587				
15067-26-2	Acenaphthene-d10	311136	14.436				
1517-22-2	Phenanthrene-d10	830789	17.191				
1719-03-5	Chrysene-d12	905257	21.439				
1520-96-3	Perylene-d12	939406	24.454				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK795	SDG No.:	BG122324
Lab Sample ID:	PB165795BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063808.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	920	U	920	190	2000	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	2400	9800	ug/Kg
110-86-1	Pyridine	3400	U	3400	4900	9800	ug/Kg
108-95-2	Phenol	1500	U	1500	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1900	U	1900	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	1500	U	1500	1300	4900	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2400	9800	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2400	9800	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2100	U	2100	1300	4900	ug/Kg
67-72-1	Hexachloroethane	1700	U	1700	1300	4900	ug/Kg
98-95-3	Nitrobenzene	1800	U	1800	1300	4900	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	850	U	850	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	580	U	580	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	950	U	950	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	740	U	740	1300	4900	ug/Kg
91-20-3	Naphthalene	550	U	550	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	880	U	880	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1300	4900	ug/Kg
105-60-2	Caprolactam	2000	U	2000	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	610	U	610	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	750	U	750	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	U	2500	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	940	U	940	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK795	SDG No.:	BG122324
Lab Sample ID:	PB165795BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063808.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	890	U	890	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	830	U	830	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	800	U	800	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1300	4900	ug/Kg
208-96-8	Acenaphthylene	850	U	850	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	2400	9800	ug/Kg
83-32-9	Acenaphthene	760	U	760	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	U	3500	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	2400	9800	ug/Kg
132-64-9	Dibenzofuran	760	U	760	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	940	U	940	1300	4900	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1300	4900	ug/Kg
86-73-7	Fluorene	1700	U	1700	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2700	U	2700	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	860	U	860	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900	U	1900	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	2200	U	2200	1300	4900	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	3200	U	3200	2400	9800	ug/Kg
85-01-8	Phenanthrene	680	U	680	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	2100	U	2100	1300	4900	ug/Kg
120-12-7	Anthracene	560	U	560	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2200	U	2200	1300	4900	ug/Kg
86-74-8	Carbazole	930	U	930	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	830	U	830	1300	4900	ug/Kg
206-44-0	Fluoranthene	590	U	590	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK795	SDG No.:	BG122324
Lab Sample ID:	PB165795BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063808.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	610	U	610	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	510	U	510	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	750	U	750	1300	4900	ug/Kg
218-01-9	Chrysene	640	U	640	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	950	U	950	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	820	U	820	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	970	U	970	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	910	U	910	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750	U	750	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880	U	880	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.1		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	26.133		20-120		65	SPK: -40
4165-62-2	Phenol-d5	25.693		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.693		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.962		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.378		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	25.249		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.43		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.132		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.982		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.928		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.32		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.213		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	26.96		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK795	SDG No.:	BG122324
Lab Sample ID:	PB165795BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063808.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.966		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	27.535		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	26.486		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.898		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84948	7.796				
1146-65-2	Naphthalene-d8	344249	10.587				
15067-26-2	Acenaphthene-d10	277743	14.436				
1517-22-2	Phenanthrene-d10	723112	17.191				
1719-03-5	Chrysene-d12	775103	21.439				
1520-96-3	Perylene-d12	794211	24.453				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	890	U			99	ug/Kg

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:	E2904	SDG No.:	BG122324
Lab Sample ID:	P5333-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG063809.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.2	380	ug/Kg
110-86-1	Pyridine	90	U	90	190	380	ug/Kg
108-95-2	Phenol	35	U	35	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.2	380	ug/Kg
98-86-2	Acetophenone	77	U	77	96.2	380	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.5	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.5	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.5	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.5	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.5	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.5	200	ug/Kg

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:	E2904	SDG No.:	BG122324
Lab Sample ID:	P5333-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG063809.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.5	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.2	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.2	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.5	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.5	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.2	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.5	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.5	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	96.2	200	ug/Kg

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:	E2904	SDG No.:	BG122324
Lab Sample ID:	P5333-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG063809.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.5	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.316		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	18.51		20-120		46	SPK: -40
4165-62-2	Phenol-d5	19.622		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.489		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.166		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.363		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	19.736		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.507		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.082		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.741		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.623		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.307		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.129		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	21.988		20-140		55	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:	E2904	SDG No.:	BG122324
Lab Sample ID:	P5333-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG063809.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.247		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	21.427		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	20.24		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.721		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87056	7.799				
1146-65-2	Naphthalene-d8	366095	10.59				
15067-26-2	Acenaphthene-d10	293566	14.438				
1517-22-2	Phenanthrene-d10	730706	17.188				
1719-03-5	Chrysene-d12	763121	21.442				
1520-96-3	Perylene-d12	797202	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	450	J			15.796	
000930-02-9	Octadecane, 1-(ethenyloxy)-	94	J			21.101	
	(DEL) Alkane: Straight-Chain	160	J			23.569	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2910	SDG No.:	BG122324
Lab Sample ID:	P5333-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BG063810.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	94.7	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	49	J	34	94.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.7	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.8	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.7	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.7	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	48.8	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.8	200	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.8	200	ug/Kg
78-59-1	Isophorone	76	U	76	48.8	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	48.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.8	200	ug/Kg
91-20-3	Naphthalene	28	U	28	48.8	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.8	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.8	200	ug/Kg
105-60-2	Caprolactam	73	U	73	94.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	48.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	48.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2910	SDG No.:	BG122324
Lab Sample ID:	P5333-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BG063810.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.8	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	48.8	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.8	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.8	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.7	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.7	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	94.7	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.8	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.8	200	ug/Kg
86-73-7	Fluorene	31	U	31	48.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.8	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	94.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	48.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.8	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.8	200	ug/Kg
1912-24-9	Atrazine	32	U	32	94.7	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.7	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.8	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.8	200	ug/Kg
120-12-7	Anthracene	29	U	29	48.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	48.8	200	ug/Kg
86-74-8	Carbazole	39	U	39	94.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.8	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	94.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2910	SDG No.:	BG122324
Lab Sample ID:	P5333-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BG063810.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	48.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.8	200	ug/Kg
218-01-9	Chrysene	28	U	28	48.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	48.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.592		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	30.669		20-120		77	SPK: -40
4165-62-2	Phenol-d5	34.114		10-130		85	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.476		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.109		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	34.406		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	33.945		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.553		10-120		104	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.147		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.121		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.567		10-145		91	SPK: -40
93951-97-4	Acenaphthylene-d8	36.446		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.477		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	38.049		20-140		95	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2910	SDG No.:	BG122324
Lab Sample ID:	P5333-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BG063810.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.144		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	37.37		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	35.181		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.898		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88339	7.797				
1146-65-2	Naphthalene-d8	373135	10.588				
15067-26-2	Acenaphthene-d10	300060	14.442				
1517-22-2	Phenanthrene-d10	755649	17.192				
1719-03-5	Chrysene-d12	790801	21.44				
1520-96-3	Perylene-d12	829653	24.448				
TENTATIVE IDENTIFIED COMPOUNDS							
020189-42-8	1H-Pyrrole-2,5-dione, 3-ethyl-4-me	230	J			11.052	
000119-61-9	Benzophenone	500	J			15.799	
	(DEL) Alkane: Straight-Chain	21.105	J			21.105	
E966796	Total Alkanes	120				99	ug/Kg

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:	E2923	SDG No.:	BG122324
Lab Sample ID:	P5333-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063811.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2923	SDG No.:	BG122324
Lab Sample ID:	P5333-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063811.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	52.1	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52.1	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.1	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.1	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.1	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	52.1	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.1	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	52.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.1	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52.1	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	71	J	33	52.1	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.1	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.1	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.1	210	ug/Kg
206-44-0	Fluoranthene	130	J	23	100	210	ug/Kg

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:	E2923	SDG No.:	BG122324
Lab Sample ID:	P5333-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063811.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	22	52.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	63	J	28	52.1	210	ug/Kg
218-01-9	Chrysene	62	J	29	52.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	75	J	45	52.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	59	J	38	52.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	52.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	52.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.893		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	16.92		20-120		42	SPK: -40
4165-62-2	Phenol-d5	19.732		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.791		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.327		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	17.662		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	20.082		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	21.178		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.597		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.678		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	21.343		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.201		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	21.662		20-140		54	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:	E2923	SDG No.:	BG122324
Lab Sample ID:	P5333-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063811.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.327		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	22.139		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	19.95		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.246		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83237	7.803				
1146-65-2	Naphthalene-d8	350672	10.582				
15067-26-2	Acenaphthene-d10	280621	14.437				
1517-22-2	Phenanthrene-d10	716091	17.192				
1719-03-5	Chrysene-d12	754014	21.434				
1520-96-3	Perylene-d12	783091	24.448				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.8	
000557-61-9	Octacosanol	110	J			21.099	
	(DEL) Alkane: Straight-Chain	23.567	J			23.567	
E966796	Total Alkanes	140				99	ug/Kg

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:	E2923MS	SDG No.:	BG122324
Lab Sample ID:	P5333-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063812.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	190		33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	240	J	71	100	400	ug/Kg
110-86-1	Pyridine	370	J	94	200	400	ug/Kg
108-95-2	Phenol	690		37	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	610		36	100	400	ug/Kg
95-57-8	2-Chlorophenol	630		34	52.1	210	ug/Kg
95-48-7	2-Methylphenol	560		38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	610		49	100	400	ug/Kg
98-86-2	Acetophenone	840		81	100	400	ug/Kg
106-44-5	4-Methylphenol	600		65	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	560		97	52.1	210	ug/Kg
67-72-1	Hexachloroethane	370		75	52.1	210	ug/Kg
98-95-3	Nitrobenzene	570		78	52.1	210	ug/Kg
78-59-1	Isophorone	590		81	52.1	210	ug/Kg
88-75-5	2-Nitrophenol	650		73	52.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	330		39	52.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	620		55	52.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	670		47	52.1	210	ug/Kg
91-20-3	Naphthalene	640		29	52.1	210	ug/Kg
106-47-8	4-Chloroaniline	340	J	44	52.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	570		43	52.1	210	ug/Kg
105-60-2	Caprolactam	730		78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	710		50	52.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	640		29	52.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	640		39	52.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	J	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	640		29	52.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	690		40	52.1	210	ug/Kg

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:	E2923MS	SDG No.:	BG122324
Lab Sample ID:	P5333-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063812.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	650		32	52.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	650		40	52.1	210	ug/Kg
88-74-4	2-Nitroaniline	740		55	52.1	210	ug/Kg
131-11-3	Dimethylphthalate	710		37	52.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	730		24	52.1	210	ug/Kg
208-96-8	Acenaphthylene	670		36	52.1	210	ug/Kg
99-09-2	3-Nitroaniline	640		81	100	400	ug/Kg
83-32-9	Acenaphthene	710		32	52.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	600		160	100	400	ug/Kg
100-02-7	4-Nitrophenol	620		54	100	400	ug/Kg
132-64-9	Dibenzofuran	720		33	52.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	800		43	52.1	210	ug/Kg
84-66-2	Diethylphthalate	750		40	52.1	210	ug/Kg
86-73-7	Fluorene	750		33	52.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	690		24	52.1	210	ug/Kg
100-01-6	4-Nitroaniline	880		29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	690		47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	750		29	52.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	540		42	52.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	730		32	52.1	210	ug/Kg
118-74-1	Hexachlorobenzene	510		34	52.1	210	ug/Kg
1912-24-9	Atrazine	750		34	100	400	ug/Kg
87-86-5	Pentachlorophenol	590		110	100	400	ug/Kg
85-01-8	Phenanthrene	830		33	52.1	210	ug/Kg
608-93-5	Pentachlorobenzene	540		45	52.1	210	ug/Kg
120-12-7	Anthracene	790		31	52.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	530		21	52.1	210	ug/Kg
86-74-8	Carbazole	750		42	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	870		33	52.1	210	ug/Kg
206-44-0	Fluoranthene	850		23	100	210	ug/Kg

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:	E2923MS	SDG No.:	BG122324
Lab Sample ID:	P5333-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.05	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
BG063812.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	580		22	52.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	900		27	52.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	J	64	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	790		28	52.1	210	ug/Kg
218-01-9	Chrysene	790		29	52.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	920		31	52.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	970		59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	770		45	52.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	810		47	52.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	320		38	52.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	500		34	52.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	780		32	52.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	J	39	52.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	700		44	52.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.481		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	9.953		20-120		25	SPK: -40
4165-62-2	Phenol-d5	8.885		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.771		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.142		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	6.772		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	9.384		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.052		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.803		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.714		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.487		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	8.744		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.425		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	8.98		20-140		22	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:	E2923MS	SDG No.:	BG122324
Lab Sample ID:	P5333-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063812.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.279		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	9.34		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	6.571		10-130		16	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.914		10-140		10	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84268	7.8				
1146-65-2	Naphthalene-d8	365004	10.585				
15067-26-2	Acenaphthene-d10	286897	14.439				
1517-22-2	Phenanthrene-d10	709443	17.189				
1719-03-5	Chrysene-d12	720007	21.437				
1520-96-3	Perylene-d12	753795	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	32	U			99	ug/Kg

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:	E2923MSD	SDG No.:	BG122324
Lab Sample ID:	P5333-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063813.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	220		33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	210	J	71	100	400	ug/Kg
110-86-1	Pyridine	340	J	94	200	400	ug/Kg
108-95-2	Phenol	640		37	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	550		36	100	400	ug/Kg
95-57-8	2-Chlorophenol	590		34	52.1	210	ug/Kg
95-48-7	2-Methylphenol	550		38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	540		49	100	400	ug/Kg
98-86-2	Acetophenone	770		81	100	400	ug/Kg
106-44-5	4-Methylphenol	560		65	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	510		97	52.1	210	ug/Kg
67-72-1	Hexachloroethane	340		75	52.1	210	ug/Kg
98-95-3	Nitrobenzene	540		78	52.1	210	ug/Kg
78-59-1	Isophorone	540		81	52.1	210	ug/Kg
88-75-5	2-Nitrophenol	580		74	52.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	310		39	52.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	570		55	52.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	640		47	52.1	210	ug/Kg
91-20-3	Naphthalene	570		29	52.1	210	ug/Kg
106-47-8	4-Chloroaniline	310	J	44	52.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	500		43	52.1	210	ug/Kg
105-60-2	Caprolactam	720		78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	650		50	52.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	570		29	52.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	590		39	52.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	J	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	610		29	52.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	650		40	52.1	210	ug/Kg

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:	E2923MSD	SDG No.:	BG122324
Lab Sample ID:	P5333-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063813.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	610		32	52.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	580		40	52.1	210	ug/Kg
88-74-4	2-Nitroaniline	640		55	52.1	210	ug/Kg
131-11-3	Dimethylphthalate	650		37	52.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	680		25	52.1	210	ug/Kg
208-96-8	Acenaphthylene	600		36	52.1	210	ug/Kg
99-09-2	3-Nitroaniline	640		81	100	400	ug/Kg
83-32-9	Acenaphthene	640		32	52.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	550		160	100	400	ug/Kg
100-02-7	4-Nitrophenol	600		54	100	400	ug/Kg
132-64-9	Dibenzofuran	660		33	52.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	740		43	52.1	210	ug/Kg
84-66-2	Diethylphthalate	680		40	52.1	210	ug/Kg
86-73-7	Fluorene	690		33	52.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	640		25	52.1	210	ug/Kg
100-01-6	4-Nitroaniline	800		29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	630		47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	690		29	52.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	490		42	52.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	660		32	52.1	210	ug/Kg
118-74-1	Hexachlorobenzene	430		34	52.1	210	ug/Kg
1912-24-9	Atrazine	680		34	100	400	ug/Kg
87-86-5	Pentachlorophenol	510		110	100	400	ug/Kg
85-01-8	Phenanthrene	760		33	52.1	210	ug/Kg
608-93-5	Pentachlorobenzene	510		45	52.1	210	ug/Kg
120-12-7	Anthracene	720		31	52.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	480		21	52.1	210	ug/Kg
86-74-8	Carbazole	680		42	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	790		33	52.1	210	ug/Kg
206-44-0	Fluoranthene	780		23	100	210	ug/Kg

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:	E2923MSD	SDG No.:	BG122324
Lab Sample ID:	P5333-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063813.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	520		22	52.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	800		27	52.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	250	J	64	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	700		28	52.1	210	ug/Kg
218-01-9	Chrysene	720		29	52.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	830		31	52.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	880		59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	730		45	52.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	740		47	52.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	290		38	52.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440		34	52.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	730		32	52.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	J	39	52.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	650		44	52.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.366		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	8.894		20-120		22	SPK: -40
4165-62-2	Phenol-d5	8.421		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.818		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.243		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	6.374		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	8.186		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.873		10-120		20	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.354		10-140		23	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.346		1-145		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.681		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	8.063		15-120		20	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.584		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	8.04		20-140		20	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:	E2923MSD	SDG No.:	BG122324
Lab Sample ID:	P5333-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063813.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.185		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	8.71		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	5.88		10-130		15	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.426	*	10-140		9	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100824	7.801				
1146-65-2	Naphthalene-d8	430032	10.586				
15067-26-2	Acenaphthene-d10	331490	14.44				
1517-22-2	Phenanthrene-d10	813787	17.19				
1719-03-5	Chrysene-d12	826554	21.438				
1520-96-3	Perylene-d12	853379	24.452				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	32	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:	E2914	SDG No.:	BG122324
Lab Sample ID:	P5333-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
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
BG063814.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	420	ug/Kg
110-86-1	Pyridine	99	U	99	210	420	ug/Kg
108-95-2	Phenol	85	J	39	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.6	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	110	420	ug/Kg
98-86-2	Acetophenone	280	J	85	110	420	ug/Kg
106-44-5	4-Methylphenol	68	U	68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	54.6	220	ug/Kg
67-72-1	Hexachloroethane	78	U	78	54.6	220	ug/Kg
98-95-3	Nitrobenzene	82	U	82	54.6	220	ug/Kg
78-59-1	Isophorone	85	U	85	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	54.6	220	ug/Kg
91-20-3	Naphthalene	31	U	31	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.6	220	ug/Kg
105-60-2	Caprolactam	82	U	82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	54.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2914	SDG No.:	BG122324
Lab Sample ID:	P5333-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
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
BG063814.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	54.6	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	420	ug/Kg
132-64-9	Dibenzofuran	35	U	35	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.6	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54.6	220	ug/Kg
86-73-7	Fluorene	35	U	35	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.6	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	71	J	35	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	54.6	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.6	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	54.6	220	ug/Kg
206-44-0	Fluoranthene	91	J	24	110	220	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:	E2914	SDG No.:	BG122324
Lab Sample ID:	P5333-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
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
BG063814.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	76	J	23	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	70	J	30	54.6	220	ug/Kg
218-01-9	Chrysene	87	J	31	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	48	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	J	49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	66	J	40	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	J	36	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.649		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	5.367	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	15.677		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.479		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.624		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	10.385		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	15.866		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.24		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.773		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.255		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.918		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	16.451		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.934		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	15.72		20-140		39	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:	E2914	SDG No.:	BG122324
Lab Sample ID:	P5333-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
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
BG063814.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.409		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	15.554		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	11.338		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.715		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105628	7.799				
1146-65-2	Naphthalene-d8	446012	10.584				
15067-26-2	Acenaphthene-d10	354285	14.438				
1517-22-2	Phenanthrene-d10	828229	17.188				
1719-03-5	Chrysene-d12	832117	21.436				
1520-96-3	Perylene-d12	867925	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.795	
E966796	Total Alkanes	33	U			99	ug/Kg

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:	E2905	SDG No.:	BG122324
Lab Sample ID:	P5333-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063815.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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	97.4	390	ug/Kg
110-86-1	Pyridine	91	U	91	190	390	ug/Kg
108-95-2	Phenol	35	U	35	97.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.2	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.4	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.4	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	97.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	50.2	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.2	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.2	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.2	200	ug/Kg
91-20-3	Naphthalene	28	U	28	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.2	200	ug/Kg
105-60-2	Caprolactam	76	U	76	97.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.2	200	ug/Kg

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:	E2905	SDG No.:	BG122324
Lab Sample ID:	P5333-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BG063815.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.2	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.4	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.4	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.4	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.2	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.2	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.2	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.4	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.2	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.2	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.2	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	97.4	200	ug/Kg

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:	E2905	SDG No.:	BG122324
Lab Sample ID:	P5333-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BG063815.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	97.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.2	200	ug/Kg
218-01-9	Chrysene	28	U	28	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.529		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	13.789		20-120		34	SPK: -40
4165-62-2	Phenol-d5	18.722		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.749		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.98		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	18.014		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.214		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.97		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.268		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.977		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.511		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.92		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.431		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	19.379		20-140		48	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:	E2905	SDG No.:	BG122324
Lab Sample ID:	P5333-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BG063815.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.826		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	19.297		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	18.043		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.528		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102703	7.796				
1146-65-2	Naphthalene-d8	435972	10.587				
15067-26-2	Acenaphthene-d10	345003	14.441				
1517-22-2	Phenanthrene-d10	855076	17.191				
1719-03-5	Chrysene-d12	852719	21.439				
1520-96-3	Perylene-d12	879918	24.453				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.798	
1000130-97-9	E-15-Heptadecenal	110	J			21.104	
	(DEL) Alkane: Straight-Chain	23.572	J			23.572	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063817.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063817.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063817.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.76		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	32.587		20-120		81	SPK: -40
4165-62-2	Phenol-d5	35.138		10-130		88	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.762		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.29		15-120		88	SPK: -40
190780-66-6	4-Methylphenol-d8	34.194		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	34.959		10-135		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.393		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.493		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.591		1-145		89	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.555		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	35.446		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.479		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	35.934		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063817.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.243		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	38.681		10-150		97	SPK: -40
1718-52-1	Pyrene-d10	37.063		10-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.574		10-140		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100720	7.8				
1146-65-2	Naphthalene-d8	427545	10.585				
15067-26-2	Acenaphthene-d10	343452	14.439				
1517-22-2	Phenanthrene-d10	850439	17.189				
1719-03-5	Chrysene-d12	870895	21.442				
1520-96-3	Perylene-d12	900950	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SLCS795	SDG No.:	BG122324
Lab Sample ID:	PB165795BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063818.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13000		930	200	2000	ug/Kg
100-52-7	Benzaldehyde	27000		2100	2500	9900	ug/Kg
110-86-1	Pyridine	32000		3500	4900	9900	ug/Kg
108-95-2	Phenol	38000		1500	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35000		1900	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	39000		1500	1300	5000	ug/Kg
95-48-7	2-Methylphenol	37000		1200	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35000		2000	2500	9900	ug/Kg
98-86-2	Acetophenone	37000		1500	2500	9900	ug/Kg
106-44-5	4-Methylphenol	37000		1500	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35000		2100	1300	5000	ug/Kg
67-72-1	Hexachloroethane	34000		1700	1300	5000	ug/Kg
98-95-3	Nitrobenzene	35000		1800	1300	5000	ug/Kg
78-59-1	Isophorone	35000		1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	38000		860	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	28000		580	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35000		960	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	38000		740	1300	5000	ug/Kg
91-20-3	Naphthalene	36000		550	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	29000		890	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	30000		1200	1300	5000	ug/Kg
105-60-2	Caprolactam	42000		2000	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37000		1100	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	35000		610	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	36000		750	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	15000		2600	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33000		1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34000		950	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SLCS795	SDG No.:	BG122324
Lab Sample ID:	PB165795BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063818.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35000		900	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	36000		840	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	39000		1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	36000		810	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	39000		1500	1300	5000	ug/Kg
208-96-8	Acenaphthylene	37000		860	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	44000		1300	2500	9900	ug/Kg
83-32-9	Acenaphthene	37000		770	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	32000		3600	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	35000		1600	2500	9900	ug/Kg
132-64-9	Dibenzofuran	37000		770	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	42000		950	1300	5000	ug/Kg
84-66-2	Diethylphthalate	38000		1700	1300	5000	ug/Kg
86-73-7	Fluorene	38000		1700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36000		1200	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	49000		1200	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38000		2500	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38000		2800	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32000		870	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37000		1900	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	37000		2200	1300	5000	ug/Kg
1912-24-9	Atrazine	14000		2100	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	25000		3300	2500	9900	ug/Kg
85-01-8	Phenanthrene	40000		680	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	34000		2100	1300	5000	ug/Kg
120-12-7	Anthracene	39000		560	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33000		2200	1300	5000	ug/Kg
86-74-8	Carbazole	45000		940	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	43000		840	1300	5000	ug/Kg
206-44-0	Fluoranthene	39000		590	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SLCS795	SDG No.:	BG122324
Lab Sample ID:	PB165795BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063818.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	38000		610	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	42000		510	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39000		2000	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	37000		760	1300	5000	ug/Kg
218-01-9	Chrysene	37000		640	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43000		560	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	47000		1300	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	38000		960	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	40000		830	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	38000		980	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40000		920	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40000		760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40000		890	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32000		1800	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.465		15-120		93	SPK: -8
7291-22-7	Pyridine-d5	35.205		20-120		88	SPK: -40
4165-62-2	Phenol-d5	39.027		10-130		98	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.077		10-150		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	39.778		15-120		99	SPK: -40
190780-66-6	4-Methylphenol-d8	36.781		10-140		92	SPK: -40
4165-60-0	Nitrobenzene-d5	36.741		10-135		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.975		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.133		10-140		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.54		1-145		89	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.842		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	37.849		15-120		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	42.476		10-150		106	SPK: -40
81103-79-9	Fluorene-d10	38.302		20-140		96	SPK: -40

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SLCS795	SDG No.:	BG122324
Lab Sample ID:	PB165795BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063818.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165795

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.782		10-130		97	SPK: -40
1719-06-8	Anthracene-d10	39.876		10-150		100	SPK: -40
1718-52-1	Pyrene-d10	39.038		10-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.172		10-140		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80338	7.796				
1146-65-2	Naphthalene-d8	357028	10.587				
15067-26-2	Acenaphthene-d10	278104	14.441				
1517-22-2	Phenanthrene-d10	675634	17.191				
1719-03-5	Chrysene-d12	708786	21.439				
1520-96-3	Perylene-d12	738688	24.453				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	900	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063819.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063819.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063819.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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	5.328		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	24.884		20-120		62	SPK: -40
4165-62-2	Phenol-d5	25.413		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.187		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.921		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	24.345		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	24.519		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.86		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.009		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.434		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.284		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.436		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.187		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	26.96		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BG122324
Lab Sample ID:	PB165779BL	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
BG063819.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.954		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	27.904		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	26.159		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.749		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107787	7.8				
1146-65-2	Naphthalene-d8	439231	10.585				
15067-26-2	Acenaphthene-d10	345755	14.439				
1517-22-2	Phenanthrene-d10	879863	17.189				
1719-03-5	Chrysene-d12	911141	21.443				
1520-96-3	Perylene-d12	952527	24.451				
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:	E2915	SDG No.:	BG122324
Lab Sample ID:	P5333-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063820.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2915	SDG No.:	BG122324
Lab Sample ID:	P5333-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063820.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	56.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	56.2	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	56.2	220	ug/Kg
131-11-3	Dimethylphthalate	100	J	40	56.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	56.2	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	56.2	220	ug/Kg
99-09-2	3-Nitroaniline	87	U	87	110	440	ug/Kg
83-32-9	Acenaphthene	34	U	34	56.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	36	U	36	56.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	56.2	220	ug/Kg
84-66-2	Diethylphthalate	44	U	44	56.2	220	ug/Kg
86-73-7	Fluorene	36	U	36	56.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56.2	220	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	56.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	56.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	56.2	220	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	56.2	220	ug/Kg
1912-24-9	Atrazine	37	U	37	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	74	J	36	56.2	220	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	56.2	220	ug/Kg
120-12-7	Anthracene	33	U	33	56.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	56.2	220	ug/Kg
86-74-8	Carbazole	45	U	45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	56.2	220	ug/Kg
206-44-0	Fluoranthene	84	J	25	110	220	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:	E2915	SDG No.:	BG122324
Lab Sample ID:	P5333-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063820.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	78	J	24	56.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	56.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	55	J	30	56.2	220	ug/Kg
218-01-9	Chrysene	60	J	32	56.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	56.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	86	J	49	56.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	56.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	57	J	41	56.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	56.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	56.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	J	42	56.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	56.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.819		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	18.628		20-120		47	SPK: -40
4165-62-2	Phenol-d5	19.297		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.659		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.059		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	13.331		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	21.069		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.986		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.979		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.815		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.446		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	20.479		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.132		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	19.395		20-140		48	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:	E2915	SDG No.:	BG122324
Lab Sample ID:	P5333-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063820.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.566		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	19.274		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	16.568		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.04		10-140		28	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114272	7.802				
1146-65-2	Naphthalene-d8	502707	10.587				
15067-26-2	Acenaphthene-d10	392727	14.441				
1517-22-2	Phenanthrene-d10	905247	17.191				
1719-03-5	Chrysene-d12	882140	21.439				
1520-96-3	Perylene-d12	939604	24.453				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	440	J			15.799	
000544-63-8	Tetradecanoic acid	180	J			18.096	
050555-04-9	(E)-Cinnamyl benzoate	180	J			19.118	
000480-39-7	4H-1-Benzopyran-4-one, 2,3-dihydro	400	J			21.339	
132335-97-8	Benzyl (E)-ferulate	230	J			21.774	
E966796	Total Alkanes	34	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:	E2916	SDG No.:	BG122324
Lab Sample ID:	P5333-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
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
BG063821.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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	97.2	390	ug/Kg
110-86-1	Pyridine	91	U	91	190	390	ug/Kg
108-95-2	Phenol	45	J	35	97.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.2	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.1	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.2	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.2	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	97.2	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	97.2	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	97.2	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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2916	SDG No.:	BG122324
Lab Sample ID:	P5333-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
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
BG063821.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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	97.2	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.2	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.2	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	97.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.2	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	97.2	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.2	390	ug/Kg
85-01-8	Phenanthrene	40	J	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	97.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.1	200	ug/Kg
206-44-0	Fluoranthene	90	J	22	97.2	200	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:	E2916	SDG No.:	BG122324
Lab Sample ID:	P5333-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
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
BG063821.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	84	J	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	97.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	63	J	27	50.1	200	ug/Kg
218-01-9	Chrysene	69	J	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	97.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	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	87	J	37	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	J	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	69	J	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	3.516		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	17.216		20-120		43	SPK: -40
4165-62-2	Phenol-d5	20.295		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.6		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.599		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.399		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	21.478		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.436		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.854		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.448		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.391		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	21.717		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.918		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	21.254		20-140		53	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:	E2916	SDG No.:	BG122324
Lab Sample ID:	P5333-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063821.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.052		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	20.489		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	19.601		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.66		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105130	7.8				
1146-65-2	Naphthalene-d8	448304	10.585				
15067-26-2	Acenaphthene-d10	354343	14.439				
1517-22-2	Phenanthrene-d10	849490	17.189				
1719-03-5	Chrysene-d12	837359	21.442				
1520-96-3	Perylene-d12	876921	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.796	
000506-51-4	n-Tetracosanol-1	100	J			21.102	
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:	E2912	SDG No.:	BG122324
Lab Sample ID:	P5333-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063822.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.7	87	ug/Kg
100-52-7	Benzaldehyde	76	U	76	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	220	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.8	220	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	87	U	87	110	430	ug/Kg
106-44-5	4-Methylphenol	70	U	70	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.8	220	ug/Kg
67-72-1	Hexachloroethane	80	U	80	55.8	220	ug/Kg
98-95-3	Nitrobenzene	84	U	84	55.8	220	ug/Kg
78-59-1	Isophorone	87	U	87	55.8	220	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	55.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	55.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	55.8	220	ug/Kg
91-20-3	Naphthalene	31	U	31	55.8	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	55.8	220	ug/Kg
105-60-2	Caprolactam	84	U	84	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	55.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	55.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	55.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.8	220	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:	E2912	SDG No.:	BG122324
Lab Sample ID:	P5333-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063822.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.8	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	55.8	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.8	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	55.8	220	ug/Kg
99-09-2	3-Nitroaniline	87	U	87	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	55.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	55.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	55.8	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.8	220	ug/Kg
86-73-7	Fluorene	35	U	35	55.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.8	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	55.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	55.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.8	220	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	55.8	220	ug/Kg
1912-24-9	Atrazine	37	U	37	110	430	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	430	ug/Kg
85-01-8	Phenanthrene	260		35	55.8	220	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	55.8	220	ug/Kg
120-12-7	Anthracene	33	U	33	55.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.8	220	ug/Kg
86-74-8	Carbazole	45	U	45	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.8	220	ug/Kg
206-44-0	Fluoranthene	250		25	110	220	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:	E2912	SDG No.:	BG122324
Lab Sample ID:	P5333-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063822.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	24	55.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	55.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	74	J	30	55.8	220	ug/Kg
218-01-9	Chrysene	93	J	31	55.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	85	J	33	55.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	97	J	49	55.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	55.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	64	J	41	55.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	55.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	55.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	J	42	55.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.029		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	12.5		20-120		31	SPK: -40
4165-62-2	Phenol-d5	15.544		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.893		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.89		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	10.21		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	17.402		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.183		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.598		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.793		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.701		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	16.105		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.494		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	14.657		20-140		37	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:	E2912	SDG No.:	BG122324
Lab Sample ID:	P5333-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.8
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
BG063822.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.671		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	14.612		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	12.633		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.862		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117670	7.797				
1146-65-2	Naphthalene-d8	519714	10.588				
15067-26-2	Acenaphthene-d10	399032	14.436				
1517-22-2	Phenanthrene-d10	892710	17.192				
1719-03-5	Chrysene-d12	856527	21.44				
1520-96-3	Perylene-d12	894802	24.448				
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	97	J			7.451	
000464-48-2	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	150	J			9.995	
000507-70-0	endo-Borneol	150	J			10.359	
000119-61-9	Benzophenone	370	J			15.8	
000544-63-8	Tetradecanoic acid	430	J			18.097	
000057-11-4	Octadecanoic acid	120	J			19.372	
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2906	SDG No.:	BG122324
Lab Sample ID:	P5333-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063823.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	8.8	89	ug/Kg
100-52-7	Benzaldehyde	77	U	77	110	440	ug/Kg
110-86-1	Pyridine	100	U	100	220	440	ug/Kg
108-95-2	Phenol	110	J	40	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	110	440	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	56.7	230	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	110	440	ug/Kg
98-86-2	Acetophenone	400	J	88	110	440	ug/Kg
106-44-5	4-Methylphenol	71	U	71	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	56.7	230	ug/Kg
67-72-1	Hexachloroethane	81	U	81	56.7	230	ug/Kg
98-95-3	Nitrobenzene	85	U	85	56.7	230	ug/Kg
78-59-1	Isophorone	88	U	88	56.7	230	ug/Kg
88-75-5	2-Nitrophenol	80	U	80	56.7	230	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	56.7	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	56.7	230	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	56.7	230	ug/Kg
91-20-3	Naphthalene	130	J	32	56.7	230	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	56.7	440	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	56.7	230	ug/Kg
105-60-2	Caprolactam	85	U	85	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	56.7	230	ug/Kg
90-12-0	1-Methylnaphthalene	66	J	32	56.7	230	ug/Kg
91-57-6	2-Methylnaphthalene	98	J	43	56.7	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	56.7	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	56.7	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2906	SDG No.:	BG122324
Lab Sample ID:	P5333-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063823.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	56.7	230	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	56.7	230	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	56.7	230	ug/Kg
131-11-3	Dimethylphthalate	62	J	40	56.7	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	56.7	230	ug/Kg
208-96-8	Acenaphthylene	39	U	39	56.7	230	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	110	440	ug/Kg
83-32-9	Acenaphthene	260		35	56.7	230	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	440	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	440	ug/Kg
132-64-9	Dibenzofuran	250		36	56.7	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	56.7	230	ug/Kg
84-66-2	Diethylphthalate	44	U	44	56.7	230	ug/Kg
86-73-7	Fluorene	160	J	36	56.7	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	56.7	230	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	56.7	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	56.7	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	56.7	230	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	56.7	230	ug/Kg
1912-24-9	Atrazine	37	U	37	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	2800		36	56.7	230	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	56.7	230	ug/Kg
120-12-7	Anthracene	240		33	56.7	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	56.7	230	ug/Kg
86-74-8	Carbazole	290	J	45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	56.7	230	ug/Kg
206-44-0	Fluoranthene	2600		25	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2906	SDG No.:	BG122324
Lab Sample ID:	P5333-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.3
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
BG063823.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		24	56.7	230	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	56.7	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	830		31	56.7	230	ug/Kg
218-01-9	Chrysene	990		32	56.7	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	56.7	230	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	64	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		49	56.7	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	420		51	56.7	230	ug/Kg
50-32-8	Benzo(a)pyrene	360		41	56.7	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		37	56.7	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	35	56.7	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	56.7	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	56.7	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.8		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.835		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.926		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.452		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	11.891		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	17.941		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.433		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.954		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.567		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.239		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	16.292		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.195		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	15.474		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2906	SDG No.:	BG122324
Lab Sample ID:	P5333-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063823.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.013		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	15.482		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	11.398		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.091		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113265	7.799				
1146-65-2	Naphthalene-d8	480106	10.59				
15067-26-2	Acenaphthene-d10	386020	14.438				
1517-22-2	Phenanthrene-d10	898188	17.194				
1719-03-5	Chrysene-d12	855369	21.442				
1520-96-3	Perylene-d12	913551	24.45				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-85-5	3-Heptanone, 5-methyl-	520	J			6.471	
000620-14-4	Benzene, 1-ethyl-3-methyl-	330	J			6.888	
000611-14-3	Benzene, 1-ethyl-2-methyl-	310	J			7.188	
000526-73-8	Benzene, 1,2,3-trimethyl-	760	J			7.447	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	190	J			8.434	
000119-61-9	Benzophenone	250	J			15.796	
000486-25-9	9H-Fluoren-9-one	210	J			16.847	
000132-65-0	Dibenzothiophene	150	J			17.006	
000610-48-0	Anthracene, 1-methyl-	220	J			18.069	
000832-69-9	Phenanthrene, 1-methyl-	300	J			18.116	
002531-84-2	Phenanthrene, 2-methyl-	100	J			18.299	
000612-94-2	Naphthalene, 2-phenyl-	160	J			18.569	
000084-65-1	9,10-Anthracenedione	400	J			18.616	
005737-13-3	Cyclopenta(def)phenanthrenone	180	J			19.133	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			20.866	
000082-05-3	7H-Benz[de]anthracen-7-one	92	J			21.183	
E966796	Total Alkanes	35	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2906	SDG No.:	BG122324
Lab Sample ID:	P5333-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063823.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2907	SDG No.:	BG122324
Lab Sample ID:	P5333-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23
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
BG063824.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	210	430	ug/Kg
108-95-2	Phenol	57	J	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	55	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	85	U	85	110	430	ug/Kg
106-44-5	4-Methylphenol	69	U	69	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	55	220	ug/Kg
98-95-3	Nitrobenzene	83	U	83	55	220	ug/Kg
78-59-1	Isophorone	85	U	85	55	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	55	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	55	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	55	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	55	220	ug/Kg
91-20-3	Naphthalene	31	U	31	55	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	55	220	ug/Kg
105-60-2	Caprolactam	83	U	83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	55	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	55	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	55	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2907	SDG No.:	BG122324
Lab Sample ID:	P5333-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23
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
BG063824.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	55	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	55	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	430	ug/Kg
83-32-9	Acenaphthene	44	J	34	55	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	46	J	35	55	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	55	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55	220	ug/Kg
86-73-7	Fluorene	35	U	35	55	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	55	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	55	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	55	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	610		35	55	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55	220	ug/Kg
120-12-7	Anthracene	48	J	32	55	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55	220	ug/Kg
86-74-8	Carbazole	59	J	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55	220	ug/Kg
206-44-0	Fluoranthene	610		25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2907	SDG No.:	BG122324
Lab Sample ID:	P5333-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23
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
BG063824.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	450		23	55	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	55	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	30	55	220	ug/Kg
218-01-9	Chrysene	230		31	55	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	55	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		48	55	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	49	55	220	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	40	55	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	36	55	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	55	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	41	55	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.892		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	24.811		20-120		62	SPK: -40
4165-62-2	Phenol-d5	31.654		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.709		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.164		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	29.754		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	31.72		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.976		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.663		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.381		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.633		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	28.668		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.541		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	27.341		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2907	SDG No.:	BG122324
Lab Sample ID:	P5333-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23
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
BG063824.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.407		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	27.743		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	24.061		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.33		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105182	7.794				
1146-65-2	Naphthalene-d8	464745	10.585				
15067-26-2	Acenaphthene-d10	376837	14.439				
1517-22-2	Phenanthrene-d10	884873	17.195				
1719-03-5	Chrysene-d12	863662	21.437				
1520-96-3	Perylene-d12	917477	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	280	J			15.796	
000057-10-3	n-Hexadecanoic acid	290	J			18.094	
000084-65-1	9,10-Anthracenedione	91	J			18.617	
000557-61-9	Octacosanol	150	J			21.102	
E966796	Total Alkanes	34	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:	E2918	SDG No.:	BG122324
Lab Sample ID:	P5333-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063825.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.7	88	ug/Kg
100-52-7	Benzaldehyde	76	U	76	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	220	430	ug/Kg
108-95-2	Phenol	51	J	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.8	220	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	110	430	ug/Kg
98-86-2	Acetophenone	87	U	87	110	430	ug/Kg
106-44-5	4-Methylphenol	70	U	70	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.8	220	ug/Kg
67-72-1	Hexachloroethane	80	U	80	55.8	220	ug/Kg
98-95-3	Nitrobenzene	84	U	84	55.8	220	ug/Kg
78-59-1	Isophorone	87	U	87	55.8	220	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	55.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	55.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	55.8	220	ug/Kg
91-20-3	Naphthalene	32	U	32	55.8	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	55.8	220	ug/Kg
105-60-2	Caprolactam	84	U	84	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	55.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	55.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	55.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	55.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.8	220	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:	E2918	SDG No.:	BG122324
Lab Sample ID:	P5333-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
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
BG063825.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.8	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	55.8	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.8	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	55.8	220	ug/Kg
99-09-2	3-Nitroaniline	87	U	87	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	55.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	55.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	55.8	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.8	220	ug/Kg
86-73-7	Fluorene	35	U	35	55.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.8	220	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	55.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	55.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.8	220	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	55.8	220	ug/Kg
1912-24-9	Atrazine	37	U	37	110	430	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	430	ug/Kg
85-01-8	Phenanthrene	51	J	35	55.8	220	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	55.8	220	ug/Kg
120-12-7	Anthracene	33	U	33	55.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.8	220	ug/Kg
86-74-8	Carbazole	45	U	45	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.8	220	ug/Kg
206-44-0	Fluoranthene	110	J	25	110	220	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:	E2918	SDG No.:	BG122324
Lab Sample ID:	P5333-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
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
BG063825.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	24	55.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	55.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	96	J	30	55.8	220	ug/Kg
218-01-9	Chrysene	120	J	32	55.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	55.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	J	49	55.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	77	J	50	55.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	41	55.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95	J	37	55.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	55.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	42	55.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.752		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	8.483		20-120		21	SPK: -40
4165-62-2	Phenol-d5	16.484		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.62		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.864		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	13.763		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	18.438		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.972		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.034		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.724		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.878		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	16.801		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.512		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	15.238		20-140		38	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:	E2918	SDG No.:	BG122324
Lab Sample ID:	P5333-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.9
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
BG063825.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.906		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	14.533		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	11.241		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.341		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103317	7.8				
1146-65-2	Naphthalene-d8	445472	10.585				
15067-26-2	Acenaphthene-d10	354378	14.439				
1517-22-2	Phenanthrene-d10	840815	17.189				
1719-03-5	Chrysene-d12	808437	21.437				
1520-96-3	Perylene-d12	857451	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	630	J			15.797	
	(DEL) Alkane: Straight-Chain	21.102	J			21.102	
E966796	Total Alkanes	98				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:	E2919	SDG No.:	BG122324
Lab Sample ID:	P5333-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
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
BG063826.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2919	SDG No.:	BG122324
Lab Sample ID:	P5333-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
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
BG063826.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	54.6	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	54.6	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	420	ug/Kg
132-64-9	Dibenzofuran	35	U	35	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.6	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54.6	220	ug/Kg
86-73-7	Fluorene	35	U	35	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.6	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	35	U	35	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	54.6	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.6	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	54.6	220	ug/Kg
206-44-0	Fluoranthene	120	J	24	110	220	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:	E2919	SDG No.:	BG122324
Lab Sample ID:	P5333-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
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
BG063826.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	23	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	30	54.6	220	ug/Kg
218-01-9	Chrysene	150	J	31	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		48	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	97	J	49	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	220		40	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	36	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	41	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.402		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	15.82		20-120		40	SPK: -40
4165-62-2	Phenol-d5	19.133		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.413		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.876		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	16.626		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	20.313		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.336		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.854		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.011		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.705		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.452		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.071		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	17.916		20-140		45	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:	E2919	SDG No.:	BG122324
Lab Sample ID:	P5333-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.2
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
BG063826.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.175		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	17.743		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	15.503		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.001		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128789	7.8				
1146-65-2	Naphthalene-d8	542546	10.585				
15067-26-2	Acenaphthene-d10	408768	14.44				
1517-22-2	Phenanthrene-d10	919697	17.189				
1719-03-5	Chrysene-d12	901085	21.437				
1520-96-3	Perylene-d12	976016	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.797	
000373-49-9	Palmitoleic acid	86	J			18.035	
000638-53-9	Tridecanoic acid	140	J			18.094	
E966796	Total Alkanes	33	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:	E2920	SDG No.:	BG122324
Lab Sample ID:	P5333-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063827.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	8.8	89	ug/Kg
100-52-7	Benzaldehyde	77	U	77	110	440	ug/Kg
110-86-1	Pyridine	100	U	100	220	440	ug/Kg
108-95-2	Phenol	78	J	40	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	110	440	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	56.8	230	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	110	440	ug/Kg
98-86-2	Acetophenone	88	U	88	110	440	ug/Kg
106-44-5	4-Methylphenol	71	U	71	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	56.8	230	ug/Kg
67-72-1	Hexachloroethane	81	U	81	56.8	230	ug/Kg
98-95-3	Nitrobenzene	86	U	86	56.8	230	ug/Kg
78-59-1	Isophorone	88	U	88	56.8	230	ug/Kg
88-75-5	2-Nitrophenol	80	U	80	56.8	230	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	56.8	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	56.8	230	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	56.8	230	ug/Kg
91-20-3	Naphthalene	32	U	32	56.8	230	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	56.8	440	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	56.8	230	ug/Kg
105-60-2	Caprolactam	86	U	86	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	56.8	230	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	56.8	230	ug/Kg
91-57-6	2-Methylnaphthalene	54	J	43	56.8	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	56.8	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	56.8	230	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:	E2920	SDG No.:	BG122324
Lab Sample ID:	P5333-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063827.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	56.8	230	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	56.8	230	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	56.8	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	56.8	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	56.8	230	ug/Kg
208-96-8	Acenaphthylene	39	U	39	56.8	230	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	110	440	ug/Kg
83-32-9	Acenaphthene	35	U	35	56.8	230	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	440	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	440	ug/Kg
132-64-9	Dibenzofuran	36	U	36	56.8	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	56.8	230	ug/Kg
84-66-2	Diethylphthalate	44	U	44	56.8	230	ug/Kg
86-73-7	Fluorene	36	U	36	56.8	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	56.8	230	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	56.8	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	56.8	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	56.8	230	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	56.8	230	ug/Kg
1912-24-9	Atrazine	37	U	37	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	150	J	36	56.8	230	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	56.8	230	ug/Kg
120-12-7	Anthracene	33	U	33	56.8	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	56.8	230	ug/Kg
86-74-8	Carbazole	45	U	45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	56.8	230	ug/Kg
206-44-0	Fluoranthene	350		25	110	230	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:	E2920	SDG No.:	BG122324
Lab Sample ID:	P5333-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.4
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
BG063827.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	340		24	56.8	230	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	56.8	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	270		31	56.8	230	ug/Kg
218-01-9	Chrysene	320		32	56.8	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	56.8	230	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	64	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	550		49	56.8	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	J	51	56.8	230	ug/Kg
50-32-8	Benzo(a)pyrene	450		41	56.8	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		37	56.8	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83	J	35	56.8	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	350		43	56.8	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	56.8	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.394		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	21.205		20-120		53	SPK: -40
4165-62-2	Phenol-d5	27.077		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.35		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.973		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	20.963		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	29.184		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.023		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.299		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.389		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.46		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	28.711		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.588		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	26.51		20-140		66	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:	E2920	SDG No.:	BG122324
Lab Sample ID:	P5333-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063827.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.174		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	26.231		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	22.696		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.707		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117423	7.801				
1146-65-2	Naphthalene-d8	504818	10.585				
15067-26-2	Acenaphthene-d10	385811	14.44				
1517-22-2	Phenanthrene-d10	860334	17.189				
1719-03-5	Chrysene-d12	834378	21.443				
1520-96-3	Perylene-d12	886922	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	960	J			15.797	
	(DEL) Alkane: Straight-Chain	21.103	J			21.103	
E966796	Total Alkanes	150				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:	E2921	SDG No.:	BG122324
Lab Sample ID:	P5333-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063828.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2921	SDG No.:	BG122324
Lab Sample ID:	P5333-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
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
BG063828.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

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	56	U	56	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	64	J	24	100	210	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:	E2921	SDG No.:	BG122324
Lab Sample ID:	P5333-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
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
BG063828.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	J	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	61	U	61	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	3.171		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	16.479		20-120		41	SPK: -40
4165-62-2	Phenol-d5	19.144		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.724		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.157		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.235		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	20.639		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.805		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.424		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.679		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.797		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.305		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.897		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	20.548		20-140		51	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:	E2921	SDG No.:	BG122324
Lab Sample ID:	P5333-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
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
BG063828.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.376		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	20.995		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	19.035		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.403		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111138	7.8				
1146-65-2	Naphthalene-d8	481075	10.585				
15067-26-2	Acenaphthene-d10	366530	14.439				
1517-22-2	Phenanthrene-d10	821259	17.189				
1719-03-5	Chrysene-d12	793071	21.443				
1520-96-3	Perylene-d12	855730	24.451				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	500	J			15.797	
	(DEL) Alkane: Straight-Chain	21.102	J			21.102	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2908	SDG No.:	BG122324
Lab Sample ID:	P5333-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063829.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.2	83	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	95	U	95	200	410	ug/Kg
108-95-2	Phenol	46	J	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.7	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	82	U	82	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	52.7	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	52.7	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.7	210	ug/Kg
78-59-1	Isophorone	82	U	82	52.7	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.7	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.7	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	52.7	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.7	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2908	SDG No.:	BG122324
Lab Sample ID:	P5333-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
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
BG063829.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.7	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.7	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.7	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.7	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.7	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.7	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.7	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.7	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.7	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	55	J	33	52.7	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.7	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.7	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.7	210	ug/Kg
206-44-0	Fluoranthene	100	J	24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2908	SDG No.:	BG122324
Lab Sample ID:	P5333-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
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
BG063829.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	86	J	22	52.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	46	J	29	52.7	210	ug/Kg
218-01-9	Chrysene	51	J	30	52.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	31	52.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	67	J	46	52.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	44	J	38	52.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	52.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	52.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.305		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	20.832		20-120		52	SPK: -40
4165-62-2	Phenol-d5	25.656		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.437		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.246		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.651		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	25.916		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.255		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.332		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.564		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.883		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	25.643		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.609		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	22.774		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2908	SDG No.:	BG122324
Lab Sample ID:	P5333-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
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
BG063829.D	1	12/20/2024 12:00:00 AM	12/24/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.479		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	23.375		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	19.586		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.156		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104039	7.803				
1146-65-2	Naphthalene-d8	440783	10.588				
15067-26-2	Acenaphthene-d10	332761	14.442				
1517-22-2	Phenanthrene-d10	744854	17.192				
1719-03-5	Chrysene-d12	714053	21.439				
1520-96-3	Perylene-d12	768754	24.454				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	240	J			15.799	
000544-63-8	Tetradecanoic acid	230	J			18.09	
1000309-26-9	Oxalic acid, hexadecyl propyl este	170	J			21.105	
E966796	Total Alkanes	32	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	E2903ME							
P5265-18ME	E2903ME	Solid	1,1-Binaphthalene, 2,2-dibromo-	*	3,600.000	J		
P5265-18ME	E2903ME	Solid	11H-Benzo[a]fluoren-11-one	*	4,100.000	J		
P5265-18ME	E2903ME	Solid	3-Octanone	*	53,000.000	J		
P5265-18ME	E2903ME	Solid	4H-Cyclopenta[def]phenanthrene	*	17,000.000	J		
P5265-18ME	E2903ME	Solid	7H-Benz[de]anthracen-7-one	*	4,100.000	J		
P5265-18ME	E2903ME	Solid	9,10-Anthracenedione	*	30,000.000	J		
P5265-18ME	E2903ME	Solid	9H-Fluoren-9-ol	*	5,000.000	J		
P5265-18ME	E2903ME	Solid	9H-Fluoren-9-one	*	17,000.000	J		
P5265-18ME	E2903ME	Solid	Anthracene, 9-ethenyl-	*	3,400.000	J		
P5265-18ME	E2903ME	Solid	Benzene, 1,3-diethyl-	*	8,300.000	J		
P5265-18ME	E2903ME	Solid	Benzene, 1,3-dimethyl-	*	6,600.000	J		
P5265-18ME	E2903ME	Solid	Benzene, 1-ethyl-2,4-dimethyl-	*	10,000.000	J		
P5265-18ME	E2903ME	Solid	Benzene, 1-ethyl-2-methyl-	*	36,000.000	J		
P5265-18ME	E2903ME	Solid	Benzene, 1-ethyl-4-methyl-	*	27,000.000	J		
P5265-18ME	E2903ME	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	14,000.000	J		
P5265-18ME	E2903ME	Solid	Benzo[e]pyrene	*	9,200.000	J		
P5265-18ME	E2903ME	Solid	Benzophenone	*	13,000.000	J		
P5265-18ME	E2903ME	Solid	Cyclopenta(def)phenanthrenone	*	9,000.000	J		
P5265-18ME	E2903ME	Solid	Dibenzothiophene	*	10,000.000	J		
P5265-18ME	E2903ME	Solid	Naphthalene, 2-phenyl-	*	9,500.000	J		
P5265-18ME	E2903ME	Solid	Phenanthrene, 2,3-dimethyl-	*	3,500.000	J		
P5265-18ME	E2903ME	Solid	Phenanthrene, 2-methyl-	*	11,000.000	J		
P5265-18ME	E2903ME	Solid	Phenanthrene, 3-methyl-	*	15,000.000	J		
P5265-18ME	E2903ME	Solid	Pyrene, 1-methyl-	*	3,200.000	J		
P5265-18ME	E2903ME	Solid	Total Alkanes	*	0.000	1300	7000	ug/Kg
Total Tics :					322,500.00			
P5265-18ME	E2903ME	Solid	1,1-Biphenyl		2,600.000	J 1300	7000	ug/Kg
P5265-18ME	E2903ME	Solid	1-Methylnaphthalene		4,500.000	J 870	7000	ug/Kg
P5265-18ME	E2903ME	Solid	2-Methylnaphthalene		6,600.000	J 1100	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Acenaphthene		16,000.000	1100	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Acetophenone		11,000.000	J 2100	14000	ug/Kg
P5265-18ME	E2903ME	Solid	Anthracene		12,000.000	800	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Benzo(a)anthracene		39,000.000	1100	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Benzo(a)pyrene		19,000.000	1400	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Benzo(b)fluoranthene		62,000.000	1400	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Benzo(g,h,i)perylene		3,100.000	J 1300	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Benzo(k)fluoranthene		23,000.000	1200	7000	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5265-18ME	E2903ME	Solid	Carbazole	21,000.000		1300	14000	ug/Kg
P5265-18ME	E2903ME	Solid	Chrysene	54,000.000		920	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Dibenzo(a,h)anthracene	6,800.000	J	1100	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Dibenzofuran	21,000.000		1100	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Fluoranthene	140,000.000	E	850	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Fluorene	16,000.000		2400	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Indeno(1,2,3-cd)pyrene	17,000.000		1300	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Naphthalene	9,700.000		790	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Phenanthrene	170,000.000	E	970	7000	ug/Kg
P5265-18ME	E2903ME	Solid	Pyrene	91,000.000		870	7000	ug/Kg

Total Svoc : 745,300.00

Total Concentration: 1,067,800.00

Client ID : E2903MEDL

P5265-18MEDL	E2903MEDL	Solid	1H-Cyclopropa[1]phenanthrene,1a *	15,000.000	JD			
P5265-18MEDL	E2903MEDL	Solid	4H-Cyclopenta[def]phenanthrene *	17,000.000	JD			
P5265-18MEDL	E2903MEDL	Solid	9,10-Anthracenedione *	31,000.000	JD			
P5265-18MEDL	E2903MEDL	Solid	9H-Fluoren-9-one *	16,000.000	JD			
P5265-18MEDL	E2903MEDL	Solid	Benzene, 1-ethyl-2-methyl- *	29,000.000	JD			
P5265-18MEDL	E2903MEDL	Solid	Total Alkanes *	0.000	D	6400	35000	ug/Kg

Total Tics : 108,000.00

P5265-18MEDL	E2903MEDL	Solid	Acenaphthene	16,000.000	JD	5500	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Anthracene	11,000.000	JD	4000	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Benzo(a)anthracene	39,000.000	D	5400	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Benzo(a)pyrene	17,000.000	JD	7000	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Benzo(b)fluoranthene	63,000.000	D	6800	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Benzo(k)fluoranthene	20,000.000	JD	5900	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Carbazole	19,000.000	JD	6700	70000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Chrysene	52,000.000	D	4600	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Dibenzofuran	20,000.000	JD	5500	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Fluoranthene	180,000.000	D	4200	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Fluorene	15,000.000	JD	12000	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Indeno(1,2,3-cd)pyrene	17,000.000	JD	6600	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Naphthalene	9,300.000	JD	3900	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Phenanthrene	210,000.000	D	4900	35000	ug/Kg
P5265-18MEDL	E2903MEDL	Solid	Pyrene	98,000.000	D	4400	35000	ug/Kg

Total Svoc : 786,300.00

Total Concentration: 894,300.00

Client ID : E2AR0

P5302-01	E2AR0	Solid	Benzophenone	*	410.000	J		
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Hit Summary Sheet SW-846

SDG No.: BG122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5302-01	E2AR0	Solid	Octadecane, 1-(ethenylloxy)-	*	100.000	J		
P5302-01	E2AR0	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :						510.00		
Total Concentration:						510.00		
Client ID : E2AR1								
P5302-02	E2AR1	Solid	1-Eicosanol	*	95.000	J		
P5302-02	E2AR1	Solid	Benzophenone	*	370.000	J		
P5302-02	E2AR1	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :						465.00		
Total Concentration:						465.00		
Client ID : E2AR6								
P5302-03	E2AR6	Solid	Benzophenone	*	370.000	J		
P5302-03	E2AR6	Solid	Pentadecafluorooctanoic acid, oct:	*	120.000	J		
P5302-03	E2AR6	Solid	Total Alkanes	*	0.000	33	210	ug/Kg
Total Tics :						490.00		
Total Concentration:						490.00		
Client ID : E2AR7								
P5302-06	E2AR7	Solid	Benzophenone	*	230.000	J		
P5302-06	E2AR7	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
Total Tics :						230.00		
Total Concentration:						230.00		
Client ID : E2AR8								
P5302-08	E2AR8	Solid	Benzophenone	*	340.000	J		
P5302-08	E2AR8	Solid	Total Alkanes	*	0.000	30	190	ug/Kg
Total Tics :						340.00		
Total Concentration:						340.00		
Client ID : E2AR9								
P5302-09	E2AR9	Solid	Benzophenone	*	280.000	J		
P5302-09	E2AR9	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :						280.00		
Total Concentration:						280.00		
Client ID : E2AS1								
P5302-10	E2AS1	Solid	Benzophenone	*	190.000	J		
P5302-10	E2AS1	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :						190.00		
Total Concentration:						190.00		
Client ID : E2AN7								
P5302-14	E2AN7	Solid	Benzophenone	*	130.000	J		

Hit Summary Sheet SW-846

SDG No.: BG122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5302-14	E2AN7	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :					130.00			
Total Concentration:					130.00			
Client ID : E2AP8								
P5302-15	E2AP8	Solid	Benzophenone	*	180.000	J		
P5302-15	E2AP8	Solid	Ethanol, 2-(tetradecyloxy)-	*	180.000	J		
P5302-15	E2AP8	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :					360.00			
P5302-15	E2AP8	Solid	Phenol		45.000	J 36	390	ug/Kg
Total Svoc :					45.00			
Total Concentration:					405.00			
Client ID : E2AP9								
P5302-16	E2AP9	Solid	Benzophenone	*	98.000	J		
P5302-16	E2AP9	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :					98.00			
Total Concentration:					98.00			
Client ID : E2904								
P5333-01	E2904	Solid	(DEL) Alkane: Straight-Chain23.4	*	160.000	J		
P5333-01	E2904	Solid	Benzophenone	*	450.000	J		
P5333-01	E2904	Solid	Octadecane, 1-(ethenyloxy)-	*	94.000	J		
P5333-01	E2904	Solid	Total Alkanes	*	160.000	30	200	ug/Kg
Total Tics :					864.00			
Total Concentration:					864.00			
Client ID : E2905								
P5333-02	E2905	Solid	(DEL) Alkane: Straight-Chain23.4	*	120.000	J		
P5333-02	E2905	Solid	Benzophenone	*	170.000	J		
P5333-02	E2905	Solid	E-15-Heptadecenal	*	110.000	J		
P5333-02	E2905	Solid	Total Alkanes	*	120.000	31	200	ug/Kg
Total Tics :					520.00			
Total Concentration:					520.00			
Client ID : E2906								
P5333-03	E2906	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		
P5333-03	E2906	Solid	3-Heptanone, 5-methyl-	*	520.000	J		
P5333-03	E2906	Solid	7H-Benz[de]anthracen-7-one	*	92.000	J		
P5333-03	E2906	Solid	9,10-Anthracenedione	*	400.000	J		
P5333-03	E2906	Solid	9H-Fluoren-9-one	*	210.000	J		
P5333-03	E2906	Solid	Anthracene, 1-methyl-	*	220.000	J		
P5333-03	E2906	Solid	Benzene, 1,2,3-trimethyl-	*	760.000	J		

Hit Summary Sheet SW-846

SDG No.: BG122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-03	E2906	Solid	Benzene, 1-ethyl-2,3-dimethyl-	*	190.000	J		
P5333-03	E2906	Solid	Benzene, 1-ethyl-2-methyl-	*	310.000	J		
P5333-03	E2906	Solid	Benzene, 1-ethyl-3-methyl-	*	330.000	J		
P5333-03	E2906	Solid	Benzophenone	*	250.000	J		
P5333-03	E2906	Solid	Cyclopenta(def)phenanthrenone	*	180.000	J		
P5333-03	E2906	Solid	Dibenzothiophene	*	150.000	J		
P5333-03	E2906	Solid	Naphthalene, 2-phenyl-	*	160.000	J		
P5333-03	E2906	Solid	Phenanthrene, 1-methyl-	*	300.000	J		
P5333-03	E2906	Solid	Phenanthrene, 2-methyl-	*	100.000	J		
P5333-03	E2906	Solid	Total Alkanes	*	0.000	35	230	ug/Kg
Total Tics :				4,282.00				
P5333-03	E2906	Solid	1-Methylnaphthalene		66.000	J 32	230	ug/Kg
P5333-03	E2906	Solid	2-Methylnaphthalene		98.000	J 43	230	ug/Kg
P5333-03	E2906	Solid	Acenaphthene		260.000	35	230	ug/Kg
P5333-03	E2906	Solid	Acetophenone		400.000	J 88	440	ug/Kg
P5333-03	E2906	Solid	Anthracene		240.000	33	230	ug/Kg
P5333-03	E2906	Solid	Benzo(a)anthracene		830.000	31	230	ug/Kg
P5333-03	E2906	Solid	Benzo(a)pyrene		360.000	41	230	ug/Kg
P5333-03	E2906	Solid	Benzo(b)fluoranthene		1,100.000	49	230	ug/Kg
P5333-03	E2906	Solid	Benzo(k)fluoranthene		420.000	51	230	ug/Kg
P5333-03	E2906	Solid	Carbazole		290.000	J 45	440	ug/Kg
P5333-03	E2906	Solid	Chrysene		990.000	32	230	ug/Kg
P5333-03	E2906	Solid	Dibenzo(a,h)anthracene		140.000	J 35	230	ug/Kg
P5333-03	E2906	Solid	Dibenzofuran		250.000	36	230	ug/Kg
P5333-03	E2906	Solid	Dimethylphthalate		62.000	J 40	230	ug/Kg
P5333-03	E2906	Solid	Fluoranthene		2,600.000	25	230	ug/Kg
P5333-03	E2906	Solid	Fluorene		160.000	J 36	230	ug/Kg
P5333-03	E2906	Solid	Indeno(1,2,3-cd)pyrene		280.000	37	230	ug/Kg
P5333-03	E2906	Solid	Naphthalene		130.000	J 32	230	ug/Kg
P5333-03	E2906	Solid	Phenanthrene		2,800.000	36	230	ug/Kg
P5333-03	E2906	Solid	Phenol		110.000	J 40	440	ug/Kg
P5333-03	E2906	Solid	Pyrene		1,500.000	24	230	ug/Kg
Total Svoc :				13,086.00				
Total Concentration:				17,368.00				
Client ID : E2907								
P5333-04	E2907	Solid	9,10-Anthracenedione	*	91.000	J		
P5333-04	E2907	Solid	Benzophenone	*	280.000	J		
P5333-04	E2907	Solid	n-Hexadecanoic acid	*	290.000	J		
P5333-04	E2907	Solid	Octacosanol	*	150.000	J		
P5333-04	E2907	Solid	Total Alkanes	*	0.000	34	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
Total Tics :				811.00					
P5333-04	E2907	Solid	Acenaphthene	44.000	J	34	220	ug/Kg	
P5333-04	E2907	Solid	Anthracene	48.000	J	32	220	ug/Kg	
P5333-04	E2907	Solid	Benzo(a)anthracene	180.000	J	30	220	ug/Kg	
P5333-04	E2907	Solid	Benzo(a)pyrene	160.000	J	40	220	ug/Kg	
P5333-04	E2907	Solid	Benzo(b)fluoranthene	270.000		48	220	ug/Kg	
P5333-04	E2907	Solid	Benzo(g,h,i)perylene	130.000	J	41	220	ug/Kg	
P5333-04	E2907	Solid	Benzo(k)fluoranthene	100.000	J	49	220	ug/Kg	
P5333-04	E2907	Solid	Carbazole	59.000	J	44	430	ug/Kg	
P5333-04	E2907	Solid	Chrysene	230.000		31	220	ug/Kg	
P5333-04	E2907	Solid	Dibenzofuran	46.000	J	35	220	ug/Kg	
P5333-04	E2907	Solid	Fluoranthene	610.000		25	220	ug/Kg	
P5333-04	E2907	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	36	220	ug/Kg	
P5333-04	E2907	Solid	Phenanthrene	610.000		35	220	ug/Kg	
P5333-04	E2907	Solid	Phenol	57.000	J	39	430	ug/Kg	
P5333-04	E2907	Solid	Pyrene	450.000		23	220	ug/Kg	
Total Svoc :				3,104.00					
Total Concentration:				3,915.00					
Client ID : E2908									
P5333-05	E2908	Solid	Benzophenone	*	240.000	J			
P5333-05	E2908	Solid	Oxalic acid, hexadecyl propyl este	*	170.000	J			
P5333-05	E2908	Solid	Tetradecanoic acid	*	230.000	J			
P5333-05	E2908	Solid	Total Alkanes	*	0.000	32	210	ug/Kg	
Total Tics :				640.00					
P5333-05	E2908	Solid	Benzo(a)anthracene		46.000	J	29	210	ug/Kg
P5333-05	E2908	Solid	Benzo(a)pyrene		44.000	J	38	210	ug/Kg
P5333-05	E2908	Solid	Benzo(b)fluoranthene		67.000	J	46	210	ug/Kg
P5333-05	E2908	Solid	Bis(2-ethylhexyl)phthalate		160.000	J	31	210	ug/Kg
P5333-05	E2908	Solid	Chrysene		51.000	J	30	210	ug/Kg
P5333-05	E2908	Solid	Fluoranthene		100.000	J	24	210	ug/Kg
P5333-05	E2908	Solid	Phenanthrene		55.000	J	33	210	ug/Kg
P5333-05	E2908	Solid	Phenol		46.000	J	37	410	ug/Kg
P5333-05	E2908	Solid	Pyrene		86.000	J	22	210	ug/Kg
Total Svoc :				655.00					
Total Concentration:				1,295.00					
Client ID : E2910									
P5333-07	E2910	Solid	(DEL) Alkane: Straight-Chain21.1	*	120.000	J			
P5333-07	E2910	Solid	1H-Pyrrole-2,5-dione, 3-ethyl-4-n	*	230.000	J			
P5333-07	E2910	Solid	Benzophenone	*	500.000	J			
P5333-07	E2910	Solid	Total Alkanes	*	120.000	30	200	ug/Kg	

Hit Summary Sheet SW-846

SDG No.: BG122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				970.00				
P5333-07	E2910	Solid	Phenol	49.000	J	34	380	ug/Kg
Total Svoc :				49.00				
Total Concentration:				1,019.00				
Client ID : E2912								
P5333-09	E2912	Solid	Benzene, 1-ethyl-2-methyl-	*	97.000	J		
P5333-09	E2912	Solid	Benzophenone	*	370.000	J		
P5333-09	E2912	Solid	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	*	150.000	J		
P5333-09	E2912	Solid	endo-Borneol	*	150.000	J		
P5333-09	E2912	Solid	Octadecanoic acid	*	120.000	J		
P5333-09	E2912	Solid	Tetradecanoic acid	*	430.000	J		
P5333-09	E2912	Solid	Total Alkanes	*	0.000	34	220	ug/Kg
Total Tics :				1,317.00				
P5333-09	E2912	Solid	Benzo(a)anthracene		74.000	J 30	220	ug/Kg
P5333-09	E2912	Solid	Benzo(a)pyrene		64.000	J 41	220	ug/Kg
P5333-09	E2912	Solid	Benzo(b)fluoranthene		97.000	J 49	220	ug/Kg
P5333-09	E2912	Solid	Benzo(g,h,i)perylene		52.000	J 42	220	ug/Kg
P5333-09	E2912	Solid	Bis(2-ethylhexyl)phthalate		85.000	J 33	220	ug/Kg
P5333-09	E2912	Solid	Chrysene		93.000	J 31	220	ug/Kg
P5333-09	E2912	Solid	Fluoranthene		250.000	25	220	ug/Kg
P5333-09	E2912	Solid	Phenanthrene		260.000	35	220	ug/Kg
P5333-09	E2912	Solid	Pyrene		180.000	J 24	220	ug/Kg
Total Svoc :				1,155.00				
Total Concentration:				2,472.00				
Client ID : E2914								
P5333-12	E2914	Solid	Benzophenone	*	360.000	J		
P5333-12	E2914	Solid	Total Alkanes	*	0.000	33	220	ug/Kg
Total Tics :				360.00				
P5333-12	E2914	Solid	Acetophenone		280.000	J 85	420	ug/Kg
P5333-12	E2914	Solid	Benzo(a)anthracene		70.000	J 30	220	ug/Kg
P5333-12	E2914	Solid	Benzo(a)pyrene		66.000	J 40	220	ug/Kg
P5333-12	E2914	Solid	Benzo(b)fluoranthene		140.000	J 48	220	ug/Kg
P5333-12	E2914	Solid	Benzo(k)fluoranthene		54.000	J 49	220	ug/Kg
P5333-12	E2914	Solid	Chrysene		87.000	J 31	220	ug/Kg
P5333-12	E2914	Solid	Fluoranthene		91.000	J 24	220	ug/Kg
P5333-12	E2914	Solid	Indeno(1,2,3-cd)pyrene		54.000	J 36	220	ug/Kg
P5333-12	E2914	Solid	Phenanthrene		71.000	J 35	220	ug/Kg
P5333-12	E2914	Solid	Phenol		85.000	J 39	420	ug/Kg
P5333-12	E2914	Solid	Pyrene		76.000	J 23	220	ug/Kg
Total Svoc :				1,074.00				

Hit Summary Sheet

SW-846

SDG No.: BG122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,434.00				
Client ID : E2915								
P5333-13	E2915	Solid	(E)-Cinnamyl benzoate	*	180.000	J		
P5333-13	E2915	Solid	4H-1-Benzopyran-4-one, 2,3-dihy	*	400.000	J		
P5333-13	E2915	Solid	Benzophenone	*	440.000	J		
P5333-13	E2915	Solid	Benzyl (E)-ferulate	*	230.000	J		
P5333-13	E2915	Solid	Tetradecanoic acid	*	180.000	J		
P5333-13	E2915	Solid	Total Alkanes	*	0.000	34	220	ug/Kg
Total Tics :				1,430.00				
P5333-13	E2915	Solid	Benzo(a)anthracene		55.000	J	30	220 ug/Kg
P5333-13	E2915	Solid	Benzo(a)pyrene		57.000	J	41	220 ug/Kg
P5333-13	E2915	Solid	Benzo(b)fluoranthene		86.000	J	49	220 ug/Kg
P5333-13	E2915	Solid	Benzo(g,h,i)perylene		54.000	J	42	220 ug/Kg
P5333-13	E2915	Solid	Chrysene		60.000	J	32	220 ug/Kg
P5333-13	E2915	Solid	Dimethylphthalate		100.000	J	40	220 ug/Kg
P5333-13	E2915	Solid	Fluoranthene		84.000	J	25	220 ug/Kg
P5333-13	E2915	Solid	Phenanthrene		74.000	J	36	220 ug/Kg
P5333-13	E2915	Solid	Phenol		100.000	J	40	440 ug/Kg
P5333-13	E2915	Solid	Pyrene		78.000	J	24	220 ug/Kg
Total Svoc :				748.00				
Total Concentration:				2,178.00				
Client ID : E2916								
P5333-14	E2916	Solid	Benzophenone	*	170.000	J		
P5333-14	E2916	Solid	n-Tetracosanol-1	*	100.000	J		
P5333-14	E2916	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :				270.00				
P5333-14	E2916	Solid	Benzo(a)anthracene		63.000	J	27	200 ug/Kg
P5333-14	E2916	Solid	Benzo(a)pyrene		87.000	J	37	200 ug/Kg
P5333-14	E2916	Solid	Benzo(b)fluoranthene		110.000	J	44	200 ug/Kg
P5333-14	E2916	Solid	Benzo(g,h,i)perylene		69.000	J	38	200 ug/Kg
P5333-14	E2916	Solid	Chrysene		69.000	J	28	200 ug/Kg
P5333-14	E2916	Solid	Fluoranthene		90.000	J	22	200 ug/Kg
P5333-14	E2916	Solid	Indeno(1,2,3-cd)pyrene		50.000	J	33	200 ug/Kg
P5333-14	E2916	Solid	Phenanthrene		40.000	J	32	200 ug/Kg
P5333-14	E2916	Solid	Phenol		45.000	J	35	390 ug/Kg
P5333-14	E2916	Solid	Pyrene		84.000	J	21	200 ug/Kg
Total Svoc :				707.00				
Total Concentration:				977.00				
Client ID : E2918								

Hit Summary Sheet SW-846

SDG No.: BG122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-16	E2918	Solid	(DEL) Alkane: Straight-Chain21.1	*	98.000	J		
P5333-16	E2918	Solid	Benzophenone	*	630.000	J		
P5333-16	E2918	Solid	Total Alkanes	*	98.000	34	220	ug/Kg
Total Tics :				826.00				
P5333-16	E2918	Solid	Benzo(a)anthracene		96.000	J	30	220 ug/Kg
P5333-16	E2918	Solid	Benzo(a)pyrene		160.000	J	41	220 ug/Kg
P5333-16	E2918	Solid	Benzo(b)fluoranthene		200.000	J	49	220 ug/Kg
P5333-16	E2918	Solid	Benzo(g,h,i)perylene		130.000	J	42	220 ug/Kg
P5333-16	E2918	Solid	Benzo(k)fluoranthene		77.000	J	50	220 ug/Kg
P5333-16	E2918	Solid	Chrysene		120.000	J	32	220 ug/Kg
P5333-16	E2918	Solid	Fluoranthene		110.000	J	25	220 ug/Kg
P5333-16	E2918	Solid	Indeno(1,2,3-cd)pyrene		95.000	J	37	220 ug/Kg
P5333-16	E2918	Solid	Phenanthrene		51.000	J	35	220 ug/Kg
P5333-16	E2918	Solid	Phenol		51.000	J	39	430 ug/Kg
P5333-16	E2918	Solid	Pyrene		110.000	J	24	220 ug/Kg
Total Svoc :				1,200.00				
Total Concentration:				2,026.00				
Client ID : E2919								
P5333-17	E2919	Solid	Benzophenone	*	180.000	J		
P5333-17	E2919	Solid	Palmitoleic acid	*	86.000	J		
P5333-17	E2919	Solid	Tridecanoic acid	*	140.000	J		
P5333-17	E2919	Solid	Total Alkanes	*	0.000	33	220	ug/Kg
Total Tics :				406.00				
P5333-17	E2919	Solid	Benzo(a)anthracene		120.000	J	30	220 ug/Kg
P5333-17	E2919	Solid	Benzo(a)pyrene		220.000		40	220 ug/Kg
P5333-17	E2919	Solid	Benzo(b)fluoranthene		270.000		48	220 ug/Kg
P5333-17	E2919	Solid	Benzo(g,h,i)perylene		180.000	J	41	220 ug/Kg
P5333-17	E2919	Solid	Benzo(k)fluoranthene		97.000	J	49	220 ug/Kg
P5333-17	E2919	Solid	Chrysene		150.000	J	31	220 ug/Kg
P5333-17	E2919	Solid	Fluoranthene		120.000	J	24	220 ug/Kg
P5333-17	E2919	Solid	Indeno(1,2,3-cd)pyrene		130.000	J	36	220 ug/Kg
P5333-17	E2919	Solid	Phenol		52.000	J	39	420 ug/Kg
P5333-17	E2919	Solid	Pyrene		130.000	J	23	220 ug/Kg
Total Svoc :				1,469.00				
Total Concentration:				1,875.00				
Client ID : E2920								
P5333-18	E2920	Solid	(DEL) Alkane: Straight-Chain21.1	*	150.000	J		
P5333-18	E2920	Solid	Benzophenone	*	960.000	J		
P5333-18	E2920	Solid	Total Alkanes	*	150.000	35	230	ug/Kg
Total Tics :				1,260.00				

Hit Summary Sheet SW-846

SDG No.: BG122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-18	E2920	Solid	2-Methylnaphthalene	54.000	J	43	230	ug/Kg
P5333-18	E2920	Solid	Benzo(a)anthracene	270.000		31	230	ug/Kg
P5333-18	E2920	Solid	Benzo(a)pyrene	450.000		41	230	ug/Kg
P5333-18	E2920	Solid	Benzo(b)fluoranthene	550.000		49	230	ug/Kg
P5333-18	E2920	Solid	Benzo(g,h,i)perylene	350.000		43	230	ug/Kg
P5333-18	E2920	Solid	Benzo(k)fluoranthene	220.000	J	51	230	ug/Kg
P5333-18	E2920	Solid	Chrysene	320.000		32	230	ug/Kg
P5333-18	E2920	Solid	Dibenzo(a,h)anthracene	83.000	J	35	230	ug/Kg
P5333-18	E2920	Solid	Fluoranthene	350.000		25	230	ug/Kg
P5333-18	E2920	Solid	Indeno(1,2,3-cd)pyrene	260.000		37	230	ug/Kg
P5333-18	E2920	Solid	Phenanthrene	150.000	J	36	230	ug/Kg
P5333-18	E2920	Solid	Phenol	78.000	J	40	440	ug/Kg
P5333-18	E2920	Solid	Pyrene	340.000		24	230	ug/Kg
Total Svoc :				3,475.00				
Total Concentration:				4,735.00				
Client ID : E2921								
P5333-19	E2921	Solid	(DEL) Alkane: Straight-Chain21.1 *	100.000	J			
P5333-19	E2921	Solid	Benzophenone *	500.000	J			
P5333-19	E2921	Solid	Total Alkanes *	100.000		33	210	ug/Kg
Total Tics :				700.00				
P5333-19	E2921	Solid	Fluoranthene	64.000	J	24	210	ug/Kg
P5333-19	E2921	Solid	Pyrene	56.000	J	23	210	ug/Kg
Total Svoc :				120.00				
Total Concentration:				820.00				
Client ID : E2923								
P5333-20	E2923	Solid	(DEL) Alkane: Straight-Chain23.5 *	140.000	J			
P5333-20	E2923	Solid	Benzophenone *	190.000	J			
P5333-20	E2923	Solid	Octacosanol *	110.000	J			
P5333-20	E2923	Solid	Total Alkanes *	140.000		32	210	ug/Kg
Total Tics :				580.00				
P5333-20	E2923	Solid	Benzo(a)anthracene	63.000	J	28	210	ug/Kg
P5333-20	E2923	Solid	Benzo(a)pyrene	59.000	J	38	210	ug/Kg
P5333-20	E2923	Solid	Benzo(b)fluoranthene	75.000	J	45	210	ug/Kg
P5333-20	E2923	Solid	Chrysene	62.000	J	29	210	ug/Kg
P5333-20	E2923	Solid	Fluoranthene	130.000	J	23	210	ug/Kg
P5333-20	E2923	Solid	Phenanthrene	71.000	J	33	210	ug/Kg
P5333-20	E2923	Solid	Pyrene	110.000	J	22	210	ug/Kg
Total Svoc :				570.00				
Total Concentration:				1,150.00				

Hit Summary Sheet
SW-846

SDG No.: BG122324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1PK9								
P5348-05	E1PK9	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	4.100	J		
P5348-05	E1PK9	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			4.10		
			Total Concentration:			4.10		
Client ID : E1PL1								
P5348-06	E1PL1	Water	Total Alkanes	*	0.000	1	5.1	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E2927								
P5353-01	E2927	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	2.300	J		
P5353-01	E2927	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			2.30		
			Total Concentration:			2.30		
Client ID : E2928								
P5353-03	E2928	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	2.600	J		
P5353-03	E2928	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			2.60		
			Total Concentration:			2.60		
Client ID : YE692								
P5379-01	YE692	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	6.900	J		
P5379-01	YE692	Water	Phenol, 2-methoxy-	*	2.900	J		
P5379-01	YE692	Water	Phenol, 4-chloro-3-methyl-	*	2.500	J		
P5379-01	YE692	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			12.30		
			Total Concentration:			12.30		



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
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.

Form VI SV-1

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.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020433 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 12:34

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	SBLK795	88884	7.79	336389	10.59	262608	14.44
02	E2903ME	92637	7.80	389212	10.59	309418	14.44
03	E2AR0	121549	7.79	490704	10.59	405808	14.44
04	E2AR1	113389	7.79	441519	10.59	352965	14.44
05	E2AR6	109894	7.80	459727	10.59	360421	14.44
06	E2903MEDL	98495	7.80	414258	10.59	324552	14.44
07	E1PK9	84832	7.80	348828	10.58	286519	14.44
08	E1PL1	103906	7.80	408304	10.59	326966	14.44
09	E2AR6MS	108173	7.80	445066	10.59	367863	14.44
10	E2AR6MSD	103603	7.80	434789	10.59	353680	14.44
11	SLCS811	81398	7.80	322944	10.59	247000	14.44
12	SBLK811	94727	7.80	359226	10.59	285677	14.44
13	SBLK751	99462	7.80	396806	10.59	316628	14.44
14	E2927	73862	7.80	307847	10.59	249625	14.44
15	E2928	68741	7.79	287558 *	10.59	233123	14.44
16	YE692	77309	7.80	328703	10.59	260650	14.43
17	E2AR7	95678	7.80	372835	10.59	311075	14.44
18	E2AR8	103342	7.80	419554	10.59	339665	14.44
19	E2AR9	95173	7.80	387361	10.59	313522	14.44
20	E2AS1	95520	7.80	398230	10.59	323889	14.44
21	E2AN7	101287	7.80	419189	10.59	331878	14.44
22	E2AP8	103131	7.80	417061	10.59	339341	14.44
23	E2AP9	97715	7.80	411990	10.59	328670	14.44

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020433 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 04:14

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	SLCS751	78994	7.80	323929	10.59	260159	14.44
25	SLCS779	90471	7.80	365103	10.59	292073	14.44
26	SBLK779	98988	7.80	385160	10.59	311136	14.44
27	SBLK795	84948	7.80	344249	10.59	277743	14.44
28	E2904	87056	7.80	366095	10.59	293566	14.44
29	E2910	88339	7.80	373135	10.59	300060	14.44
30	E2923	83237	7.80	350672	10.58	280621	14.44
31	E2923MS	84268	7.80	365004	10.59	286897	14.44
32	E2923MSD	100824	7.80	430032	10.59	331490	14.44
33	E2914	105628	7.80	446012	10.58	354285	14.44
34	E2905	102703	7.80	435972	10.59	345003	14.44
35	SBLK779	100720	7.80	427545	10.59	343452	14.44
36	SLCS795	80338	7.80	357028	10.59	278104	14.44
37	SBLK779	107787	7.80	439231	10.59	345755	14.44
38	E2915	114272	7.80	502707	10.59	392727	14.44
39	E2916	105130	7.80	448304	10.59	354343	14.44
40	E2912	117670	7.80	519714	10.59	399032	14.44
41	E2906	113265	7.80	480106	10.59	386020	14.44
42	E2907	105182	7.79	464745	10.59	376837	14.44
43	E2918	103317	7.80	445472	10.59	354378	14.44
44	E2919	128789	7.80	542546	10.59	408768	14.44
45	E2920	117423	7.80	504818	10.59	385811	14.44
46	E2921	111138	7.80	481075	10.59	366530	14.44

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020433 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 21:06

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.						
47 E2908	104039	7.80	440783	10.59	332761	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.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020578 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BG063779.D Time Analyzed: 12:34

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	92022	7.791	372735	10.59	297654	14.44
UPPER LIMIT	184044	8.291	745470	11.088	595308	14.943
LOWER LIMIT	46011	7.291	186367.5	10.088	148827	13.943
EPA SAMPLE NO.						
01 SBLK795	88884	7.79	336389	10.59	262608	14.44
02 E2903ME	92637	7.80	389212	10.59	309418	14.44
03 E2AR0	121549	7.79	490704	10.59	405808	14.44
04 E2AR1	113389	7.79	441519	10.59	352965	14.44
05 E2AR6	109894	7.80	459727	10.59	360421	14.44
06 E2903MEDL	98495	7.80	414258	10.59	324552	14.44
07 E1PK9	84832	7.80	348828	10.58	286519	14.44
08 E1PL1	103906	7.80	408304	10.59	326966	14.44
09 E2AR6MS	108173	7.80	445066	10.59	367863	14.44
10 E2AR6MSD	103603	7.80	434789	10.59	353680	14.44
11 SLCS811	81398	7.80	322944	10.59	247000	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.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020579 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BG063791.D Time Analyzed: 20:44

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	96075	7.8	394705	10.59	314929	14.44
UPPER LIMIT	192150	8.3	789410	11.085	629858	14.939
LOWER LIMIT	48037.5	7.3	197352.5	10.085	157464.5	13.939
EPA SAMPLE NO.						
01 SBLK811	94727	7.80	359226	10.59	285677	14.44
02 SBLK751	99462	7.80	396806	10.59	316628	14.44
03 E2927	73862	7.80	307847	10.59	249625	14.44
04 E2928	68741	7.79	287558	10.59	233123	14.44
05 YE692	77309	7.80	328703	10.59	260650	14.43
06 E2AR7	95678	7.80	372835	10.59	311075	14.44
07 E2AR8	103342	7.80	419554	10.59	339665	14.44
08 E2AR9	95173	7.80	387361	10.59	313522	14.44
09 E2AS1	95520	7.80	398230	10.59	323889	14.44
10 E2AN7	101287	7.80	419189	10.59	331878	14.44
11 E2AP8	103131	7.80	417061	10.59	339341	14.44
12 E2AP9	97715	7.80	411990	10.59	328670	14.44
13 SLCS751	78994	7.80	323929	10.59	260159	14.44
14 SLCS779	90471	7.80	365103	10.59	292073	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.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020580 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BG063806.D Time Analyzed: 06:44

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	91435	7.794	388638	10.59	315772	14.44
UPPER LIMIT	182870	8.294	777276	11.085	631544	14.939
LOWER LIMIT	45717.5	7.294	194319	10.085	157886	13.939
EPA SAMPLE NO.						
01 SBLK779	98988	7.80	385160	10.59	311136	14.44
02 SBLK795	84948	7.80	344249	10.59	277743	14.44
03 E2904	87056	7.80	366095	10.59	293566	14.44
04 E2910	88339	7.80	373135	10.59	300060	14.44
05 E2923	83237	7.80	350672	10.58	280621	14.44
06 E2923MS	84268	7.80	365004	10.59	286897	14.44
07 E2923MSD	100824	7.80	430032	10.59	331490	14.44
08 E2914	105628	7.80	446012	10.58	354285	14.44
09 E2905	102703	7.80	435972	10.59	345003	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.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020581 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BG063816.D Time Analyzed: 13:36

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	95970	7.8	409648	10.59	323665	14.44
UPPER LIMIT	191940	8.3	819296	11.09	647330	14.939
LOWER LIMIT	47985	7.3	204824	10.09	161832.5	13.939
EPA SAMPLE NO.						
01 SBLK779	100720	7.80	427545	10.59	343452	14.44
02 SLCS795	80338	7.80	357028	10.59	278104	14.44
03 SBLK779	107787	7.80	439231	10.59	345755	14.44
04 E2915	114272	7.80	502707	10.59	392727	14.44
05 E2916	105130	7.80	448304	10.59	354343	14.44
06 E2912	117670	7.80	519714	10.59	399032	14.44
07 E2906	113265	7.80	480106	10.59	386020	14.44
08 E2907	105182	7.79	464745	10.59	376837	14.44
09 E2918	103317	7.80	445472	10.59	354378	14.44
10 E2919	128789	7.80	542546	10.59	408768	14.44
11 E2920	117423	7.80	504818	10.59	385811	14.44
12 E2921	111138	7.80	481075	10.59	366530	14.44
13 E2908	104039	7.80	440783	10.59	332761	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.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020433 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 12:34

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	SBLK795	710591	17.19	799032	21.44	819640	24.45
02	E2903ME	781932	17.19	804781	21.44	854251	24.45
03	E2AR0	1.02762	17.19	1.06887e+	21.44	1.11045e+	24.45
04	E2AR1	934705	17.19	980992	21.44	1.01163e+	24.45
05	E2AR6	937994	17.19	961575	21.44	994096	24.45
06	E2903MEDL	840227	17.19	911812	21.44	932000	24.45
07	E1PK9	740606	17.19	783922	21.44	817072	24.45
08	E1PL1	833314	17.19	877989	21.44	903277	24.45
09	E2AR6MS	936976	17.19	964530	21.44	1.03128e+	24.45
10	E2AR6MSD	874476	17.19	945753	21.44	978374	24.45
11	SLCS811	618196	17.19	750526	21.44	756684	24.45
12	SBLK811	770344	17.19	836753	21.44	852706	24.45
13	SBLK751	818873	17.19	874770	21.44	902799	24.45
14	E2927	649302	17.19	679650	21.44	693835	24.45
15	E2928	591516	17.19	615942	21.44	639244	24.45
16	YE692	662992	17.19	682926	21.44	704710	24.45
17	E2AR7	810098	17.19	866156	21.44	914269	24.45
18	E2AR8	876345	17.19	927252	21.44	950651	24.45
19	E2AR9	806055	17.19	866437	21.44	914360	24.45
20	E2AS1	827375	17.19	862207	21.44	883952	24.45
21	E2AN7	843971	17.19	881597	21.44	922238	24.45

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020433 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 02:59

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.						
22	E2AP8	841478	17.19	866309	21.44	902907	24.45
23	E2AP9	830747	17.19	874573	21.44	904922	24.45
24	SLCS751	643168	17.19	678008	21.44	697047	24.45
25	SLCS779	751859	17.19	847357	21.44	852658	24.45
26	SBLK779	830789	17.19	905257	21.44	939406	24.45
27	SBLK795	723112	17.19	775103	21.44	794211	24.45
28	E2904	730706	17.19	763121	21.44	797202	24.45
29	E2910	755649	17.19	790801	21.44	829653	24.45
30	E2923	716091	17.19	754014	21.43	783091	24.45
31	E2923MS	709443	17.19	720007	21.44	753795	24.45
32	E2923MSD	813787	17.19	826554	21.44	853379	24.45
33	E2914	828229	17.19	832117	21.44	867925	24.46
34	E2905	855076	17.19	852719	21.44	879918	24.45
35	SBLK779	850439	17.19	870895	21.44	900950	24.45
36	SLCS795	675634	17.19	708786	21.44	738688	24.45
37	SBLK779	879863	17.19	911141	21.44	952527	24.45
38	E2915	905247	17.19	882140	21.44	939604	24.45
39	E2916	849490	17.19	837359	21.44	876921	24.45
40	E2912	892710	17.19	856527	21.44	894802	24.45
41	E2906	898188	17.19	855369	21.44	913551	24.45
42	E2907	884873	17.20	863662	21.44	917477	24.45

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020433 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 18:36

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.						
43 E2918	840815	17.19	808437	21.44	857451	24.45
44 E2919	919697	17.19	901085	21.44	976016	24.45
45 E2920	860334	17.19	834378	21.44	886922	24.46
46 E2921	821259	17.19	793071	21.44	855730	24.45
47 E2908	744854	17.19	714053	21.44	768754	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.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020578 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BG063779.D Time Analyzed: 12:34

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	751683	17.192	842835	21.44	846502	24.454
UPPER LIMIT	1503366	17.692	1685670	21.94	1693004	24.954
LOWER LIMIT	375841.5	16.692	421417.5	20.94	423251	23.954
EPA SAMPLE NO.						
01 SBLK795	710591	17.19	799032	21.44	819640	24.45
02 E2903ME	781932	17.19	804781	21.44	854251	24.45
03 E2AR0	1.02762	17.19	1.06887e+	21.44	1.11045e+	24.45
04 E2AR1	934705	17.19	980992	21.44	1.01163e+	24.45
05 E2AR6	937994	17.19	961575	21.44	994096	24.45
06 E2903MEDL	840227	17.19	911812	21.44	932000	24.45
07 E1PK9	740606	17.19	783922	21.44	817072	24.45
08 E1PL1	833314	17.19	877989	21.44	903277	24.45
09 E2AR6MS	936976	17.19	964530	21.44	1.03128e+	24.45
10 E2AR6MSD	874476	17.19	945753	21.44	978374	24.45
11 SLCS811	618196	17.19	750526	21.44	756684	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.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020579 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BG063791.D Time Analyzed: 20:44

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	768339	17.189	821913	21.437	840515	24.445
UPPER LIMIT	1536678	17.689	1643826	21.937	1681030	24.945
LOWER LIMIT	384169.5	16.689	410956.5	20.937	420257.5	23.945
EPA SAMPLE NO.						
01 SBLK811	770344	17.19	836753	21.44	852706	24.45
02 SBLK751	818873	17.19	874770	21.44	902799	24.45
03 E2927	649302	17.19	679650	21.44	693835	24.45
04 E2928	591516	17.19	615942	21.44	639244	24.45
05 YE692	662992	17.19	682926	21.44	704710	24.45
06 E2AR7	810098	17.19	866156	21.44	914269	24.45
07 E2AR8	876345	17.19	927252	21.44	950651	24.45
08 E2AR9	806055	17.19	866437	21.44	914360	24.45
09 E2AS1	827375	17.19	862207	21.44	883952	24.45
10 E2AN7	843971	17.19	881597	21.44	922238	24.45
11 E2AP8	841478	17.19	866309	21.44	902907	24.45
12 E2AP9	830747	17.19	874573	21.44	904922	24.45
13 SLCS751	643168	17.19	678008	21.44	697047	24.45
14 SLCS779	751859	17.19	847357	21.44	852658	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.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020580 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BG063806.D Time Analyzed: 06:44

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	789405	17.189	830613	21.443	861838	24.451
UPPER LIMIT	1578810	17.689	1661226	21.943	1723676	24.951
LOWER LIMIT	394702.5	16.689	415306.5	20.943	430919	23.951
EPA SAMPLE NO.						
01 SBLK779	830789	17.19	905257	21.44	939406	24.45
02 SBLK795	723112	17.19	775103	21.44	794211	24.45
03 E2904	730706	17.19	763121	21.44	797202	24.45
04 E2910	755649	17.19	790801	21.44	829653	24.45
05 E2923	716091	17.19	754014	21.43	783091	24.45
06 E2923MS	709443	17.19	720007	21.44	753795	24.45
07 E2923MSD	813787	17.19	826554	21.44	853379	24.45
08 E2914	828229	17.19	832117	21.44	867925	24.46
09 E2905	855076	17.19	852719	21.44	879918	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.: BG122324 SAS No.: BG122324 SDG NO.: BG122324

EPA Sample No.: SSTD020581 Date Analyzed: Dec 24 2024 12:00AM

Lab File ID: BG063816.D Time Analyzed: 13:36

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	788910	17.189	779946	21.442	815469	24.456
UPPER LIMIT	1577820	17.689	1559892	21.942	1630938	24.956
LOWER LIMIT	394455	16.689	389973	20.942	407734.5	23.956
EPA SAMPLE NO.						
01 SBLK779	850439	17.19	870895	21.44	900950	24.45
02 SLCS795	675634	17.19	708786	21.44	738688	24.45
03 SBLK779	879863	17.19	911141	21.44	952527	24.45
04 E2915	905247	17.19	882140	21.44	939604	24.45
05 E2916	849490	17.19	837359	21.44	876921	24.45
06 E2912	892710	17.19	856527	21.44	894802	24.45
07 E2906	898188	17.19	855369	21.44	913551	24.45
08 E2907	884873	17.20	863662	21.44	917477	24.45
09 E2918	840815	17.19	808437	21.44	857451	24.45
10 E2919	919697	17.19	901085	21.44	976016	24.45
11 E2920	860334	17.19	834378	21.44	886922	24.46
12 E2921	821259	17.19	793071	21.44	855730	24.45
13 E2908	744854	17.19	714053	21.44	768754	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.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165751BS	1,4-Dioxane	530	450	ug/Kg	85				0	0		
	Benzaldehyde	1300	910	ug/Kg	70				0	0		
	Pyridine	1300	1100	ug/Kg	85				0	0		
	Phenol	1300	1300	ug/Kg	100				0	0		
	Bis(2-chloroethyl)ether	1300	1200	ug/Kg	92				0	0		
	2-Chlorophenol	1300	1300	ug/Kg	100				0	0		
	2-Methylphenol	1300	1200	ug/Kg	92				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1200	ug/Kg	92				0	0		
	Acetophenone	1300	1200	ug/Kg	92				0	0		
	4-Methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitroso-di-n-propylamine	1300	1200	ug/Kg	92				0	0		
	Hexachloroethane	1300	1100	ug/Kg	85				0	0		
	Nitrobenzene	1300	1300	ug/Kg	100				0	0		
	Isophorone	1300	1300	ug/Kg	100				0	0		
	2-Nitrophenol	1300	1400	ug/Kg	108				0	0		
	2,4-Dimethylphenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethoxy)methane	1300	1300	ug/Kg	100				0	0		
	2,4-Dichlorophenol	1300	1400	ug/Kg	108				0	0		
	Naphthalene	1300	1300	ug/Kg	100				0	0		
	4-Chloroaniline	1300	1000	ug/Kg	77				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	1500	ug/Kg	115				0	0		
	4-Chloro-3-methylphenol	1300	1400	ug/Kg	108				0	0		
	1-Methylnaphthalene	1300	1300	ug/Kg	100				0	0		
	2-Methylnaphthalene	1300	1300	ug/Kg	100				0	0		
	Hexachlorocyclopentadiene	1300	590	ug/Kg	45				0	0		
	2,4,6-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	2,4,5-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	1,1'-Biphenyl	1300	1300	ug/Kg	100				0	0		
	2-Chloronaphthalene	1300	1300	ug/Kg	100				0	0		
	2-Nitroaniline	1300	1400	ug/Kg	108				0	0		
	Dimethylphthalate	1300	1300	ug/Kg	100				0	0		
	2,6-Dinitrotoluene	1300	1400	ug/Kg	108				0	0		
	Acenaphthylene	1300	1400	ug/Kg	108				0	0		
	3-Nitroaniline	1300	1700	ug/Kg	131				0	0		
	Acenaphthene	1300	1300	ug/Kg	100				0	0		
	2,4-Dinitrophenol	1300	1400	ug/Kg	108				0	0		
	4-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	Dibenzofuran	1300	1400	ug/Kg	108				0	0		
	2,4-Dinitrotoluene	1300	1500	ug/Kg	115				0	0		
	Diethylphthalate	1300	1400	ug/Kg	108				0	0		
	Fluorene	1300	1400	ug/Kg	108				0	0		
	4-Chlorophenyl-phenylether	1300	1400	ug/Kg	108				0	0		
	4-Nitroaniline	1300	1800	ug/Kg	138				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165751BS	4,6-Dinitro-2-methylphenol	1300	1400	ug/Kg	108				0	0		
	N-Nitrosodiphenylamine	1300	1400	ug/Kg	108				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	4-Bromophenyl-phenylether	1300	1300	ug/Kg	100				0	0		
	Hexachlorobenzene	1300	1300	ug/Kg	100				0	0		
	Atrazine	1300	520	ug/Kg	40				0	0		
	Pentachlorophenol	1300	950	ug/Kg	73				0	0		
	Phenanthrene	1300	1500	ug/Kg	115				0	0		
	Pentachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Anthracene	1300	1400	ug/Kg	108				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Carbazole	1300	1600	ug/Kg	123				0	0		
	Di-n-butylphthalate	1300	1500	ug/Kg	115				0	0		
	Fluoranthene	1300	1400	ug/Kg	108				0	0		
	Pyrene	1300	1400	ug/Kg	108				0	0		
	Butylbenzylphthalate	1300	1500	ug/Kg	115				0	0		
	3,3'-Dichlorobenzidine	1300	1300	ug/Kg	100				0	0		
	Benzo(a)anthracene	1300	1400	ug/Kg	108				0	0		
	Chrysene	1300	1400	ug/Kg	108				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1500	ug/Kg	115				0	0		
	Di-n-octylphthalate	1300	1700	ug/Kg	131				0	0		
	Benzo(b)fluoranthene	1300	1400	ug/Kg	108				0	0		
	Benzo(k)fluoranthene	1300	1400	ug/Kg	108				0	0		
	Benzo(a)pyrene	1300	1400	ug/Kg	108				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1400	ug/Kg	108				0	0		
	Dibenzo(a,h)anthracene	1300	1400	ug/Kg	108				0	0		
	Benzo(g,h,i)perylene	1300	1400	ug/Kg	108				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.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165779BS	1,4-Dioxane	530	340	ug/Kg	64				0	0		
	Benzaldehyde	1300	120	ug/Kg	9				0	0		
	Pyridine	1300	970	ug/Kg	75				0	0		
	Phenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethyl)ether	1300	960	ug/Kg	74				0	0		
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0		
	2-Methylphenol	1300	1000	ug/Kg	77				0	0		
	2,2-oxybis(1-Chloropropane)	1300	900	ug/Kg	69				0	0		
	Acetophenone	1300	890	ug/Kg	68				0	0		
	4-Methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitroso-di-n-propylamine	1300	830	ug/Kg	64				0	0		
	Hexachloroethane	1300	850	ug/Kg	65				0	0		
	Nitrobenzene	1300	960	ug/Kg	74				0	0		
	Isophorone	1300	950	ug/Kg	73				0	0		
	2-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	2,4-Dimethylphenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethoxy)methane	1300	960	ug/Kg	74				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	980	ug/Kg	75				0	0		
	4-Chloroaniline	1300	630	ug/Kg	48				0	0		
	Hexachlorobutadiene	1300	890	ug/Kg	68				0	0		
	Caprolactam	1300	1100	ug/Kg	85				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	960	ug/Kg	74				0	0		
	Hexachlorocyclopentadiene	1300	460	ug/Kg	35				0	0		
	2,4,6-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	1,1'-Biphenyl	1300	930	ug/Kg	72				0	0		
	2-Chloronaphthalene	1300	930	ug/Kg	72				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	980	ug/Kg	75				0	0		
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Acenaphthene	1300	990	ug/Kg	76				0	0		
	2,4-Dinitrophenol	1300	1200	ug/Kg	92				0	0		
	4-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	Dibenzofuran	1300	1000	ug/Kg	77				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	1400	ug/Kg	108				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165779BS	4,6-Dinitro-2-methylphenol	1300	1100	ug/Kg	85				0	0		
	N-Nitrosodiphenylamine	1300	1000	ug/Kg	77				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	830	ug/Kg	64				0	0		
	4-Bromophenyl-phenylether	1300	940	ug/Kg	72				0	0		
	Hexachlorobenzene	1300	960	ug/Kg	74				0	0		
	Atrazine	1300	1000	ug/Kg	77				0	0		
	Pentachlorophenol	1300	990	ug/Kg	76				0	0		
	Phenanthrene	1300	1100	ug/Kg	85				0	0		
	Pentachlorobenzene	1300	880	ug/Kg	68				0	0		
	Anthracene	1300	1100	ug/Kg	85				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	820	ug/Kg	63				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	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	970	ug/Kg	75				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	990	ug/Kg	76				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	1300	ug/Kg	100				0	0		
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(a)pyrene	1300	1100	ug/Kg	85				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165795BS	1,4-Dioxane	15800	13000	ug/Kg	82				0	0		
	Benzaldehyde	39600	27000	ug/Kg	68				0	0		
	Pyridine	39600	32000	ug/Kg	81				0	0		
	Phenol	39600	38000	ug/Kg	96				0	0		
	Bis(2-chloroethyl)ether	39600	35000	ug/Kg	88				0	0		
	2-Chlorophenol	39600	39000	ug/Kg	98				0	0		
	2-Methylphenol	39600	37000	ug/Kg	93				0	0		
	2,2-oxybis(1-Chloropropane)	39600	35000	ug/Kg	88				0	0		
	Acetophenone	39600	37000	ug/Kg	93				0	0		
	4-Methylphenol	39600	37000	ug/Kg	93				0	0		
	N-Nitroso-di-n-propylamine	39600	35000	ug/Kg	88				0	0		
	Hexachloroethane	39600	34000	ug/Kg	86				0	0		
	Nitrobenzene	39600	35000	ug/Kg	88				0	0		
	Isophorone	39600	35000	ug/Kg	88				0	0		
	2-Nitrophenol	39600	38000	ug/Kg	96				0	0		
	2,4-Dimethylphenol	39600	28000	ug/Kg	71				0	0		
	Bis(2-chloroethoxy)methane	39600	35000	ug/Kg	88				0	0		
	2,4-Dichlorophenol	39600	38000	ug/Kg	96				0	0		
	Naphthalene	39600	36000	ug/Kg	91				0	0		
	4-Chloroaniline	39600	29000	ug/Kg	73				0	0		
	Hexachlorobutadiene	39600	30000	ug/Kg	76				0	0		
	Caprolactam	39600	42000	ug/Kg	106				0	0		
	4-Chloro-3-methylphenol	39600	37000	ug/Kg	93				0	0		
	1-Methylnaphthalene	39600	35000	ug/Kg	88				0	0		
	2-Methylnaphthalene	39600	36000	ug/Kg	91				0	0		
	Hexachlorocyclopentadiene	39600	15000	ug/Kg	38				0	0		
	2,4,6-Trichlorophenol	39600	33000	ug/Kg	83				0	0		
	2,4,5-Trichlorophenol	39600	34000	ug/Kg	86				0	0		
	1,1'-Biphenyl	39600	35000	ug/Kg	88				0	0		
	2-Chloronaphthalene	39600	36000	ug/Kg	91				0	0		
	2-Nitroaniline	39600	39000	ug/Kg	98				0	0		
	Dimethylphthalate	39600	36000	ug/Kg	91				0	0		
	2,6-Dinitrotoluene	39600	39000	ug/Kg	98				0	0		
	Acenaphthylene	39600	37000	ug/Kg	93				0	0		
	3-Nitroaniline	39600	44000	ug/Kg	111				0	0		
	Acenaphthene	39600	37000	ug/Kg	93				0	0		
	2,4-Dinitrophenol	39600	32000	ug/Kg	81				0	0		
	4-Nitrophenol	39600	35000	ug/Kg	88				0	0		
	Dibenzofuran	39600	37000	ug/Kg	93				0	0		
	2,4-Dinitrotoluene	39600	42000	ug/Kg	106				0	0		
	Diethylphthalate	39600	38000	ug/Kg	96				0	0		
	Fluorene	39600	38000	ug/Kg	96				0	0		
	4-Chlorophenyl-phenylether	39600	36000	ug/Kg	91				0	0		
	4-Nitroaniline	39600	49000	ug/Kg	124				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165795BS	4,6-Dinitro-2-methylphenol	39600	38000	ug/Kg	96				0	0	
	N-Nitrosodiphenylamine	39600	38000	ug/Kg	96				0	0	
	1,2,4,5-Tetrachlorobenzene	39600	32000	ug/Kg	81				0	0	
	4-Bromophenyl-phenylether	39600	37000	ug/Kg	93				0	0	
	Hexachlorobenzene	39600	37000	ug/Kg	93				0	0	
	Atrazine	39600	14000	ug/Kg	35				0	0	
	Pentachlorophenol	39600	25000	ug/Kg	63				0	0	
	Phenanthrene	39600	40000	ug/Kg	101				0	0	
	Pentachlorobenzene	39600	34000	ug/Kg	86				0	0	
	Anthracene	39600	39000	ug/Kg	98				0	0	
	1,2,3,4-Tetrachlorobenzene	39600	33000	ug/Kg	83				0	0	
	Carbazole	39600	45000	ug/Kg	114				0	0	
	Di-n-butylphthalate	39600	43000	ug/Kg	109				0	0	
	Fluoranthene	39600	39000	ug/Kg	98				0	0	
	Pyrene	39600	38000	ug/Kg	96				0	0	
	Butylbenzylphthalate	39600	42000	ug/Kg	106				0	0	
	3,3'-Dichlorobenzidine	39600	39000	ug/Kg	98				0	0	
	Benzo(a)anthracene	39600	37000	ug/Kg	93				0	0	
	Chrysene	39600	37000	ug/Kg	93				0	0	
	Bis(2-ethylhexyl)phthalate	39600	43000	ug/Kg	109				0	0	
	Di-n-octylphthalate	39600	47000	ug/Kg	119				0	0	
	Benzo(b)fluoranthene	39600	38000	ug/Kg	96				0	0	
	Benzo(k)fluoranthene	39600	40000	ug/Kg	101				0	0	
	Benzo(a)pyrene	39600	38000	ug/Kg	96				0	0	
	Indeno(1,2,3-cd)pyrene	39600	40000	ug/Kg	101				0	0	
	Dibenzo(a,h)anthracene	39600	40000	ug/Kg	101				0	0	
	Benzo(g,h,i)perylene	39600	40000	ug/Kg	101				0	0	
	2,3,4,6-Tetrachlorophenol	39600	32000	ug/Kg	81				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB165811BS	1,4-Dioxane	16	13	ug/L	81				0	0	
	Benzaldehyde	40	4.3	ug/L	11				0	0	
	Pyridine	40	37	ug/L	93				0	0	
	Phenol	40	38	ug/L	95				0	0	
	Bis(2-chloroethyl)ether	40	35	ug/L	88				0	0	
	2-Chlorophenol	40	40	ug/L	100				0	0	
	2-Methylphenol	40	36	ug/L	90				0	0	
	2,2-oxybis(1-Chloropropane)	40	35	ug/L	88				0	0	
	Acetophenone	40	33	ug/L	83				0	0	
	4-Methylphenol	40	37	ug/L	93				0	0	
	N-Nitroso-di-n-propylamine	40	33	ug/L	83				0	0	
	Hexachloroethane	40	33	ug/L	83				0	0	
	Nitrobenzene	40	36	ug/L	90				0	0	
	Isophorone	40	36	ug/L	90				0	0	
	2-Nitrophenol	40	40	ug/L	100				0	0	
	2,4-Dimethylphenol	40	40	ug/L	100				0	0	
	Bis(2-chloroethoxy)methane	40	37	ug/L	93				0	0	
	2,4-Dichlorophenol	40	42	ug/L	105				0	0	
	Naphthalene	40	37	ug/L	93				0	0	
	4-Chloroaniline	40	22	ug/L	55				0	0	
	Hexachlorobutadiene	40	34	ug/L	85				0	0	
	Caprolactam	40	41	ug/L	103				0	0	
	4-Chloro-3-methylphenol	40	39	ug/L	98				0	0	
	1-Methylnaphthalene	40	36	ug/L	90				0	0	
	2-Methylnaphthalene	40	36	ug/L	90				0	0	
	Hexachlorocyclopentadiene	40	20	ug/L	50				0	0	
	2,4,6-Trichlorophenol	40	39	ug/L	98				0	0	
	2,4,5-Trichlorophenol	40	40	ug/L	100				0	0	
	1,1'-Biphenyl	40	36	ug/L	90				0	0	
	2-Chloronaphthalene	40	36	ug/L	90				0	0	
	2-Nitroaniline	40	40	ug/L	100				0	0	
	Dimethylphthalate	40	38	ug/L	95				0	0	
	2,6-Dinitrotoluene	40	41	ug/L	103				0	0	
	Acenaphthylene	40	38	ug/L	95				0	0	
	3-Nitroaniline	40	44	ug/L	110				0	0	
	Acenaphthene	40	38	ug/L	95				0	0	
	2,4-Dinitrophenol	40	43	ug/L	108				0	0	
	4-Nitrophenol	40	39	ug/L	98				0	0	
	Dibenzofuran	40	38	ug/L	95				0	0	
	2,4-Dinitrotoluene	40	42	ug/L	105				0	0	
	Diethylphthalate	40	40	ug/L	100				0	0	
	Fluorene	40	40	ug/L	100				0	0	
	4-Chlorophenyl-phenylether	40	38	ug/L	95				0	0	
	4-Nitroaniline	40	52	ug/L	130				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165811BS	4,6-Dinitro-2-methylphenol	40	41	ug/L	103				0	0	
	N-Nitrosodiphenylamine	40	38	ug/L	95				0	0	
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0	
	4-Bromophenyl-phenylether	40	36	ug/L	90				0	0	
	Hexachlorobenzene	40	37	ug/L	93				0	0	
	Atrazine	40	38	ug/L	95				0	0	
	Pentachlorophenol	40	40	ug/L	100				0	0	
	Phenanthrene	40	40	ug/L	100				0	0	
	Pentachlorobenzene	40	34	ug/L	85				0	0	
	Anthracene	40	40	ug/L	100				0	0	
	1,2,3,4-Tetrachlorobenzene	40	32	ug/L	80				0	0	
	Carbazole	40	45	ug/L	113				0	0	
	Di-n-butylphthalate	40	42	ug/L	105				0	0	
	Fluoranthene	40	36	ug/L	90				0	0	
	Pyrene	40	36	ug/L	90				0	0	
	Butylbenzylphthalate	40	41	ug/L	103				0	0	
	3,3'-Dichlorobenzidine	40	37	ug/L	93				0	0	
	Benzo(a)anthracene	40	37	ug/L	93				0	0	
	Chrysene	40	37	ug/L	93				0	0	
	Bis(2-ethylhexyl)phthalate	40	42	ug/L	105				0	0	
	Di-n-octylphthalate	40	47	ug/L	117				0	0	
	Benzo(b)fluoranthene	40	39	ug/L	98				0	0	
	Benzo(k)fluoranthene	40	41	ug/L	103				0	0	
	Benzo(a)pyrene	40	39	ug/L	98				0	0	
	Indeno(1,2,3-cd)pyrene	40	40	ug/L	100				0	0	
	Dibenzo(a,h)anthracene	40	40	ug/L	100				0	0	
	Benzo(g,h,i)perylene	40	39	ug/L	98				0	0	
	2,3,4,6-Tetrachlorophenol	40	42	ug/L	105				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK751

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122324

SAS No.: BG122324 SDG NO.: BG122324

Lab File ID: BG063793.D

Lab Sample ID: PB165751BL

Instrument ID: BNA_G

Date Extracted: 12/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/23/2024

Level: (low/med) LOW

Time Analyzed: 21:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2AR0	P5302-01	BG063782.D	12/23/2024
E2AR1	P5302-02	BG063783.D	12/23/2024
E2AR6	P5302-03	BG063784.D	12/23/2024
E2AR6MS	P5302-04MS	BG063788.D	12/23/2024
E2AR6MSD	P5302-05MSD	BG063789.D	12/23/2024
E2AR7	P5302-06	BG063797.D	12/23/2024
E2AR8	P5302-08	BG063798.D	12/24/2024
E2AR9	P5302-09	BG063799.D	12/24/2024
E2AS1	P5302-10	BG063800.D	12/24/2024
E2AN7	P5302-14	BG063801.D	12/24/2024
E2AP8	P5302-15	BG063802.D	12/24/2024
E2AP9	P5302-16	BG063803.D	12/24/2024
PB165751BS	PB165751BS	BG063804.D	12/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK779

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122324

SAS No.: BG122324 SDG NO.: BG122324

Lab File ID: BG063819.D

Lab Sample ID: PB165779BL

Instrument ID: BNA_G

Date Extracted: 12/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/24/2024

Level: (low/med) LOW

Time Analyzed: 14:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2915	P5333-13	BG063820.D	12/24/2024
E2916	P5333-14	BG063821.D	12/24/2024
E2912	P5333-09	BG063822.D	12/24/2024
E2906	P5333-03	BG063823.D	12/24/2024
E2907	P5333-04	BG063824.D	12/24/2024
E2918	P5333-16	BG063825.D	12/24/2024
E2919	P5333-17	BG063826.D	12/24/2024
E2920	P5333-18	BG063827.D	12/24/2024
E2921	P5333-19	BG063828.D	12/24/2024
E2908	P5333-05	BG063829.D	12/24/2024
E2904	P5333-01	BG063809.D	12/24/2024
E2910	P5333-07	BG063810.D	12/24/2024
E2923	P5333-20	BG063811.D	12/24/2024
E2923MS	P5333-21MS	BG063812.D	12/24/2024
E2923MSD	P5333-22MSD	BG063813.D	12/24/2024
E2914	P5333-12	BG063814.D	12/24/2024
E2905	P5333-02	BG063815.D	12/24/2024
PB165779BS	PB165779BS	BG063805.D	12/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK795

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122324

SAS No.: BG122324 SDG NO.: BG122324

Lab File ID: BG063780.D

Lab Sample ID: PB165795BL

Instrument ID: BNA_G

Date Extracted: 12/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/23/2024

Level: (low/med) MED

Time Analyzed: 12:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165795BS	PB165795BS	BG063818.D	12/24/2024
E2903ME	P5265-18ME	BG063781.D	12/23/2024
E2903MEDL	P5265-18MEDL	BG063785.D	12/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK811

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122324

SAS No.: BG122324 SDG NO.: BG122324

Lab File ID: BG063792.D

Lab Sample ID: PB165811BL

Instrument ID: BNA_G

Date Extracted: 12/23/2024

Matrix: (soil/water) Water

Date Analyzed: 12/23/2024

Level: (low/med) LOW

Time Analyzed: 20:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1PK9	P5348-05	BG063786.D	12/23/2024
E1PL1	P5348-06	BG063787.D	12/23/2024
PB165811BS	PB165811BS	BG063790.D	12/23/2024
E2927	P5353-01	BG063794.D	12/23/2024
E2928	P5353-03	BG063795.D	12/23/2024
YE692	P5379-01	BG063796.D	12/23/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5333-21MS	Client Sample ID:	E2923MS					DataFile:	BG063812.D		
1,4-Dioxane	650		190	ug/Kg	29				15	120	
Benzaldehyde	1600		240	ug/Kg	15				0	0	
Pyridine	1600		370	ug/Kg	23				0	0	
Phenol	1600		690	ug/Kg	43				26	90	
Bis(2-chloroethyl)ether	1600		610	ug/Kg	38				0	0	
2-Chlorophenol	1600		630	ug/Kg	39				25	102	
2-Methylphenol	1600		560	ug/Kg	35				0	0	
2,2-oxybis(1-Chloropropane)	1600		610	ug/Kg	38				0	0	
Acetophenone	1600		840	ug/Kg	52				0	0	
4-Methylphenol	1600		600	ug/Kg	38				0	0	
N-Nitroso-di-n-propylamine	1600		560	ug/Kg	35	*			41	126	
Hexachloroethane	1600		370	ug/Kg	23				0	0	
Nitrobenzene	1600		570	ug/Kg	36				0	0	
Isophorone	1600		590	ug/Kg	37				0	0	
2-Nitrophenol	1600		650	ug/Kg	41				0	0	
2,4-Dimethylphenol	1600		330	ug/Kg	21				0	0	
Bis(2-chloroethoxy)methane	1600		620	ug/Kg	39				0	0	
2,4-Dichlorophenol	1600		670	ug/Kg	42				0	0	
Naphthalene	1600		640	ug/Kg	40				0	0	
4-Chloroaniline	1600		340	ug/Kg	21				0	0	
Hexachlorobutadiene	1600		570	ug/Kg	36				0	0	
Caprolactam	1600		730	ug/Kg	46				0	0	
4-Chloro-3-methylphenol	1600		710	ug/Kg	44				26	103	
1-Methylnaphthalene	1600		640	ug/Kg	40				0	0	
2-Methylnaphthalene	1600		640	ug/Kg	40				0	0	
Hexachlorocyclopentadiene	1600		160	ug/Kg	10				0	0	
2,4,6-Trichlorophenol	1600		640	ug/Kg	40				0	0	
2,4,5-Trichlorophenol	1600		690	ug/Kg	43				0	0	
1,1'-Biphenyl	1600		650	ug/Kg	41				0	0	
2-Chloronaphthalene	1600		650	ug/Kg	41				0	0	
2-Nitroaniline	1600		740	ug/Kg	46				0	0	
Dimethylphthalate	1600		710	ug/Kg	44				0	0	
2,6-Dinitrotoluene	1600		730	ug/Kg	46				0	0	
Acenaphthylene	1600		670	ug/Kg	42				0	0	
3-Nitroaniline	1600		640	ug/Kg	40				0	0	
Acenaphthene	1600		710	ug/Kg	44				31	137	
2,4-Dinitrophenol	1600		600	ug/Kg	38				0	0	
4-Nitrophenol	1600		620	ug/Kg	39				11	114	
Dibenzofuran	1600		720	ug/Kg	45				0	0	
2,4-Dinitrotoluene	1600		800	ug/Kg	50				28	89	
Diethylphthalate	1600		750	ug/Kg	47				0	0	
Fluorene	1600		750	ug/Kg	47				0	0	
4-Chlorophenyl-phenylether	1600		690	ug/Kg	43				0	0	
4-Nitroaniline	1600		880	ug/Kg	55				0	0	
4,6-Dinitro-2-methylphenol	1600		690	ug/Kg	43				0	0	
N-Nitrosodiphenylamine	1600		750	ug/Kg	47				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122324

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	1600		540	ug/Kg	34				0	0	
4-Bromophenyl-phenylether	1600		730	ug/Kg	46				0	0	
Hexachlorobenzene	1600		510	ug/Kg	32				0	0	
Atrazine	1600		750	ug/Kg	47				0	0	
Pentachlorophenol	1600		590	ug/Kg	37				17	109	
Phenanthrene	1600		830	ug/Kg	52				0	0	
Pentachlorobenzene	1600		540	ug/Kg	34				0	0	
Anthracene	1600		790	ug/Kg	49				0	0	
1,2,3,4-Tetrachlorobenzene	1600		530	ug/Kg	33				0	0	
Carbazole	1600		750	ug/Kg	47				0	0	
Di-n-butylphthalate	1600		870	ug/Kg	54				0	0	
Fluoranthene	1600		850	ug/Kg	53				0	0	
Pyrene	1600		580	ug/Kg	36				35	142	
Butylbenzylphthalate	1600		900	ug/Kg	56				0	0	
3,3'-Dichlorobenzidine	1600		260	ug/Kg	16				0	0	
Benzo(a)anthracene	1600		790	ug/Kg	49				0	0	
Chrysene	1600		790	ug/Kg	49				0	0	
Bis(2-ethylhexyl)phthalate	1600		920	ug/Kg	58				0	0	
Di-n-octylphthalate	1600		970	ug/Kg	61				0	0	
Benzo(b)fluoranthene	1600		770	ug/Kg	48				0	0	
Benzo(k)fluoranthene	1600		810	ug/Kg	51				0	0	
Benzo(a)pyrene	1600		320	ug/Kg	20				0	0	
Indeno(1,2,3-cd)pyrene	1600		500	ug/Kg	31				0	0	
Dibenzo(a,h)anthracene	1600		780	ug/Kg	49				0	0	
Benzo(g,h,i)perylene	1600		57	ug/Kg	4				0	0	
2,3,4,6-Tetrachlorophenol	1600		700	ug/Kg	44				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5333-22MSD	Client Sample ID:	E2923MSD					DataFile:	BG063813.D		
1,4-Dioxane	650		220	ug/Kg	34		16		15	120	50
Benzaldehyde	1600		210	ug/Kg	13		14	*	0	0	0
Pyridine	1600		340	ug/Kg	21		9	*	0	0	0
Phenol	1600		640	ug/Kg	40		7		26	90	35
Bis(2-chloroethyl)ether	1600		550	ug/Kg	34		11	*	0	0	0
2-Chlorophenol	1600		590	ug/Kg	37		5		25	102	50
2-Methylphenol	1600		550	ug/Kg	34		3	*	0	0	0
2,2-oxybis(1-Chloropropane)	1600		540	ug/Kg	34		11	*	0	0	0
Acetophenone	1600		770	ug/Kg	48		8	*	0	0	0
4-Methylphenol	1600		560	ug/Kg	35		8	*	0	0	0
N-Nitroso-di-n-propylamine	1600		510	ug/Kg	32	*	9		41	126	38
Hexachloroethane	1600		340	ug/Kg	21		9	*	0	0	0
Nitrobenzene	1600		540	ug/Kg	34		6	*	0	0	0
Isophorone	1600		540	ug/Kg	34		8	*	0	0	0
2-Nitrophenol	1600		580	ug/Kg	36		13	*	0	0	0
2,4-Dimethylphenol	1600		310	ug/Kg	19		10	*	0	0	0
Bis(2-chloroethoxy)methane	1600		570	ug/Kg	36		8	*	0	0	0
2,4-Dichlorophenol	1600		640	ug/Kg	40		5	*	0	0	0
Naphthalene	1600		570	ug/Kg	36		11	*	0	0	0
4-Chloroaniline	1600		310	ug/Kg	19		10	*	0	0	0
Hexachlorobutadiene	1600		500	ug/Kg	31		15	*	0	0	0
Caprolactam	1600		720	ug/Kg	45		2	*	0	0	0
4-Chloro-3-methylphenol	1600		650	ug/Kg	41		7		26	103	33
1-Methylnaphthalene	1600		570	ug/Kg	36		11	*	0	0	0
2-Methylnaphthalene	1600		590	ug/Kg	37		8	*	0	0	0
Hexachlorocyclopentadiene	1600		150	ug/Kg	9		11	*	0	0	0
2,4,6-Trichlorophenol	1600		610	ug/Kg	38		5	*	0	0	0
2,4,5-Trichlorophenol	1600		650	ug/Kg	41		5	*	0	0	0
1,1'-Biphenyl	1600		610	ug/Kg	38		8	*	0	0	0
2-Chloronaphthalene	1600		580	ug/Kg	36		13	*	0	0	0
2-Nitroaniline	1600		640	ug/Kg	40		14	*	0	0	0
Dimethylphthalate	1600		650	ug/Kg	41		7	*	0	0	0
2,6-Dinitrotoluene	1600		680	ug/Kg	43		7	*	0	0	0
Acenaphthylene	1600		600	ug/Kg	38		10	*	0	0	0
3-Nitroaniline	1600		640	ug/Kg	40		0		0	0	0
Acenaphthene	1600		640	ug/Kg	40		10		31	137	19
2,4-Dinitrophenol	1600		550	ug/Kg	34		11	*	0	0	0
4-Nitrophenol	1600		600	ug/Kg	38		3		11	114	50
Dibenzofuran	1600		660	ug/Kg	41		9	*	0	0	0
2,4-Dinitrotoluene	1600		740	ug/Kg	46		8		28	89	47
Diethylphthalate	1600		680	ug/Kg	43		9	*	0	0	0
Fluorene	1600		690	ug/Kg	43		9	*	0	0	0
4-Chlorophenyl-phenylether	1600		640	ug/Kg	40		7	*	0	0	0
4-Nitroaniline	1600		800	ug/Kg	50		10	*	0	0	0
4,6-Dinitro-2-methylphenol	1600		630	ug/Kg	39		10	*	0	0	0
N-Nitrosodiphenylamine	1600		690	ug/Kg	43		9	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122324

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	1600		490	ug/Kg	31		9	*	0	0	0
4-Bromophenyl-phenylether	1600		660	ug/Kg	41		11	*	0	0	0
Hexachlorobenzene	1600		430	ug/Kg	27		17	*	0	0	0
Atrazine	1600		680	ug/Kg	43		9	*	0	0	0
Pentachlorophenol	1600		510	ug/Kg	32		14		17	109	47
Phenanthrene	1600		760	ug/Kg	48		8	*	0	0	0
Pentachlorobenzene	1600		510	ug/Kg	32		6	*	0	0	0
Anthracene	1600		720	ug/Kg	45		9	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1600		480	ug/Kg	30		10	*	0	0	0
Carbazole	1600		680	ug/Kg	43		9	*	0	0	0
Di-n-butylphthalate	1600		790	ug/Kg	49		10	*	0	0	0
Fluoranthene	1600		780	ug/Kg	49		8	*	0	0	0
Pyrene	1600		520	ug/Kg	33	*	9		35	142	36
Butylbenzylphthalate	1600		800	ug/Kg	50		11	*	0	0	0
3,3'-Dichlorobenzidine	1600		250	ug/Kg	16		0		0	0	0
Benzo(a)anthracene	1600		700	ug/Kg	44		11	*	0	0	0
Chrysene	1600		720	ug/Kg	45		9	*	0	0	0
Bis(2-ethylhexyl)phthalate	1600		830	ug/Kg	52		11	*	0	0	0
Di-n-octylphthalate	1600		880	ug/Kg	55		10	*	0	0	0
Benzo(b)fluoranthene	1600		730	ug/Kg	46		4	*	0	0	0
Benzo(k)fluoranthene	1600		740	ug/Kg	46		10	*	0	0	0
Benzo(a)pyrene	1600		290	ug/Kg	18		11	*	0	0	0
Indeno(1,2,3-cd)pyrene	1600		440	ug/Kg	28		10	*	0	0	0
Dibenzo(a,h)anthracene	1600		730	ug/Kg	46		6	*	0	0	0
Benzo(g,h,i)perylene	1600		50	ug/Kg	3		29	*	0	0	0
2,3,4,6-Tetrachlorophenol	1600		650	ug/Kg	41		7	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5302-04MS	Client Sample ID:	E2AR6MS				DataFile:	BG063788.D			
1,4-Dioxane	670		460	ug/Kg	69				15	120	
Benzaldehyde	1700		180	ug/Kg	11				0	0	
Pyridine	1700		1100	ug/Kg	65				0	0	
Phenol	1700		1300	ug/Kg	76				26	90	
Bis(2-chloroethyl)ether	1700		1200	ug/Kg	71				0	0	
2-Chlorophenol	1700		1300	ug/Kg	76				25	102	
2-Methylphenol	1700		1300	ug/Kg	76				0	0	
2,2-oxybis(1-Chloropropane)	1700		1200	ug/Kg	71				0	0	
Acetophenone	1700		1200	ug/Kg	71				0	0	
4-Methylphenol	1700		1300	ug/Kg	76				0	0	
N-Nitroso-di-n-propylamine	1700		1200	ug/Kg	71				41	126	
Hexachloroethane	1700		1100	ug/Kg	65				0	0	
Nitrobenzene	1700		1200	ug/Kg	71				0	0	
Isophorone	1700		1300	ug/Kg	76				0	0	
2-Nitrophenol	1700		1300	ug/Kg	76				0	0	
2,4-Dimethylphenol	1700		1300	ug/Kg	76				0	0	
Bis(2-chloroethoxy)methane	1700		1300	ug/Kg	76				0	0	
2,4-Dichlorophenol	1700		1400	ug/Kg	82				0	0	
Naphthalene	1700		1300	ug/Kg	76				0	0	
4-Chloroaniline	1700		870	ug/Kg	51				0	0	
Hexachlorobutadiene	1700		1100	ug/Kg	65				0	0	
Caprolactam	1700		1600	ug/Kg	94				0	0	
4-Chloro-3-methylphenol	1700		1400	ug/Kg	82				26	103	
1-Methylnaphthalene	1700		1300	ug/Kg	76				0	0	
2-Methylnaphthalene	1700		1400	ug/Kg	82				0	0	
Hexachlorocyclopentadiene	1700		650	ug/Kg	38				0	0	
2,4,6-Trichlorophenol	1700		1200	ug/Kg	71				0	0	
2,4,5-Trichlorophenol	1700		1300	ug/Kg	76				0	0	
1,1'-Biphenyl	1700		1300	ug/Kg	76				0	0	
2-Chloronaphthalene	1700		1300	ug/Kg	76				0	0	
2-Nitroaniline	1700		1400	ug/Kg	82				0	0	
Dimethylphthalate	1700		1300	ug/Kg	76				0	0	
2,6-Dinitrotoluene	1700		1500	ug/Kg	88				0	0	
Acenaphthylene	1700		1300	ug/Kg	76				0	0	
3-Nitroaniline	1700		1500	ug/Kg	88				0	0	
Acenaphthene	1700		1300	ug/Kg	76				31	137	
2,4-Dinitrophenol	1700		1500	ug/Kg	88				0	0	
4-Nitrophenol	1700		1200	ug/Kg	71				11	114	
Dibenzofuran	1700		1300	ug/Kg	76				0	0	
2,4-Dinitrotoluene	1700		1500	ug/Kg	88				28	89	
Diethylphthalate	1700		1400	ug/Kg	82				0	0	
Fluorene	1700		1400	ug/Kg	82				0	0	
4-Chlorophenyl-phenylether	1700		1300	ug/Kg	76				0	0	
4-Nitroaniline	1700		1800	ug/Kg	106				0	0	
4,6-Dinitro-2-methylphenol	1700		1400	ug/Kg	82				0	0	
N-Nitrosodiphenylamine	1700		1300	ug/Kg	76				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1100	ug/Kg	65				0	0	
4-Bromophenyl-phenylether	1700		1300	ug/Kg	76				0	0	
Hexachlorobenzene	1700		1300	ug/Kg	76				0	0	
Atrazine	1700		1300	ug/Kg	76				0	0	
Pentachlorophenol	1700		1200	ug/Kg	71				17	109	
Phenanthrene	1700		1400	ug/Kg	82				0	0	
Pentachlorobenzene	1700		1200	ug/Kg	71				0	0	
Anthracene	1700		1400	ug/Kg	82				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1100	ug/Kg	65				0	0	
Carbazole	1700		1500	ug/Kg	88				0	0	
Di-n-butylphthalate	1700		1500	ug/Kg	88				0	0	
Fluoranthene	1700		1400	ug/Kg	82				0	0	
Pyrene	1700		1300	ug/Kg	76				35	142	
Butylbenzylphthalate	1700		1500	ug/Kg	88				0	0	
3,3'-Dichlorobenzidine	1700		1100	ug/Kg	65				0	0	
Benzo(a)anthracene	1700		1300	ug/Kg	76				0	0	
Chrysene	1700		1300	ug/Kg	76				0	0	
Bis(2-ethylhexyl)phthalate	1700		1500	ug/Kg	88				0	0	
Di-n-octylphthalate	1700		1600	ug/Kg	94				0	0	
Benzo(b)fluoranthene	1700		1300	ug/Kg	76				0	0	
Benzo(k)fluoranthene	1700		1300	ug/Kg	76				0	0	
Benzo(a)pyrene	1700		1300	ug/Kg	76				0	0	
Indeno(1,2,3-cd)pyrene	1700		1300	ug/Kg	76				0	0	
Dibenzo(a,h)anthracene	1700		1400	ug/Kg	82				0	0	
Benzo(g,h,i)perylene	1700		1300	ug/Kg	76				0	0	
2,3,4,6-Tetrachlorophenol	1700		1400	ug/Kg	82				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5302-05MSD	Client Sample ID:	E2AR6MSD					DataFile:	BG063789.D		
1,4-Dioxane	670		500	ug/Kg	75		8		15	120	50
Benzaldehyde	1700		200	ug/Kg	12		9	*	0	0	0
Pyridine	1700		1300	ug/Kg	76		16	*	0	0	0
Phenol	1700		1500	ug/Kg	88		15		26	90	35
Bis(2-chloroethyl)ether	1700		1300	ug/Kg	76		7	*	0	0	0
2-Chlorophenol	1700		1400	ug/Kg	82		8		25	102	50
2-Methylphenol	1700		1400	ug/Kg	82		8	*	0	0	0
2,2-oxybis(1-Chloropropane)	1700		1300	ug/Kg	76		7	*	0	0	0
Acetophenone	1700		1300	ug/Kg	76		7	*	0	0	0
4-Methylphenol	1700		1400	ug/Kg	82		8	*	0	0	0
N-Nitroso-di-n-propylamine	1700		1300	ug/Kg	76		7		41	126	38
Hexachloroethane	1700		1200	ug/Kg	71		9	*	0	0	0
Nitrobenzene	1700		1400	ug/Kg	82		14	*	0	0	0
Isophorone	1700		1400	ug/Kg	82		8	*	0	0	0
2-Nitrophenol	1700		1500	ug/Kg	88		15	*	0	0	0
2,4-Dimethylphenol	1700		1400	ug/Kg	82		8	*	0	0	0
Bis(2-chloroethoxy)methane	1700		1400	ug/Kg	82		8	*	0	0	0
2,4-Dichlorophenol	1700		1500	ug/Kg	88		7	*	0	0	0
Naphthalene	1700		1400	ug/Kg	82		8	*	0	0	0
4-Chloroaniline	1700		950	ug/Kg	56		9	*	0	0	0
Hexachlorobutadiene	1700		1300	ug/Kg	76		16	*	0	0	0
Caprolactam	1700		1700	ug/Kg	100		6	*	0	0	0
4-Chloro-3-methylphenol	1700		1500	ug/Kg	88		7		26	103	33
1-Methylnaphthalene	1700		1400	ug/Kg	82		8	*	0	0	0
2-Methylnaphthalene	1700		1400	ug/Kg	82		0		0	0	0
Hexachlorocyclopentadiene	1700		740	ug/Kg	44		15	*	0	0	0
2,4,6-Trichlorophenol	1700		1400	ug/Kg	82		14	*	0	0	0
2,4,5-Trichlorophenol	1700		1400	ug/Kg	82		8	*	0	0	0
1,1'-Biphenyl	1700		1300	ug/Kg	76		0		0	0	0
2-Chloronaphthalene	1700		1300	ug/Kg	76		0		0	0	0
2-Nitroaniline	1700		1500	ug/Kg	88		7	*	0	0	0
Dimethylphthalate	1700		1400	ug/Kg	82		8	*	0	0	0
2,6-Dinitrotoluene	1700		1500	ug/Kg	88		0		0	0	0
Acenaphthylene	1700		1400	ug/Kg	82		8	*	0	0	0
3-Nitroaniline	1700		1600	ug/Kg	94		7	*	0	0	0
Acenaphthene	1700		1400	ug/Kg	82		8		31	137	19
2,4-Dinitrophenol	1700		1500	ug/Kg	88		0		0	0	0
4-Nitrophenol	1700		1400	ug/Kg	82		14		11	114	50
Dibenzofuran	1700		1400	ug/Kg	82		8	*	0	0	0
2,4-Dinitrotoluene	1700		1600	ug/Kg	94	*	7		28	89	47
Diethylphthalate	1700		1500	ug/Kg	88		7	*	0	0	0
Fluorene	1700		1500	ug/Kg	88		7	*	0	0	0
4-Chlorophenyl-phenylether	1700		1400	ug/Kg	82		8	*	0	0	0
4-Nitroaniline	1700		1900	ug/Kg	112		6	*	0	0	0
4,6-Dinitro-2-methylphenol	1700		1500	ug/Kg	88		7	*	0	0	0
N-Nitrosodiphenylamine	1700		1400	ug/Kg	82		8	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1200	ug/Kg	71	9	*		0	0	0
4-Bromophenyl-phenylether	1700		1400	ug/Kg	82	8	*		0	0	0
Hexachlorobenzene	1700		1400	ug/Kg	82	8	*		0	0	0
Atrazine	1700		1500	ug/Kg	88	15	*		0	0	0
Pentachlorophenol	1700		1400	ug/Kg	82	14			17	109	47
Phenanthrene	1700		1500	ug/Kg	88	7	*		0	0	0
Pentachlorobenzene	1700		1300	ug/Kg	76	7	*		0	0	0
Anthracene	1700		1500	ug/Kg	88	7	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1200	ug/Kg	71	9	*		0	0	0
Carbazole	1700		1700	ug/Kg	100	13	*		0	0	0
Di-n-butylphthalate	1700		1600	ug/Kg	94	7	*		0	0	0
Fluoranthene	1700		1400	ug/Kg	82	0			0	0	0
Pyrene	1700		1400	ug/Kg	82	8			35	142	36
Butylbenzylphthalate	1700		1600	ug/Kg	94	7	*		0	0	0
3,3'-Dichlorobenzidine	1700		1300	ug/Kg	76	16	*		0	0	0
Benzo(a)anthracene	1700		1400	ug/Kg	82	8	*		0	0	0
Chrysene	1700		1400	ug/Kg	82	8	*		0	0	0
Bis(2-ethylhexyl)phthalate	1700		1600	ug/Kg	94	7	*		0	0	0
Di-n-octylphthalate	1700		1700	ug/Kg	100	6	*		0	0	0
Benzo(b)fluoranthene	1700		1400	ug/Kg	82	8	*		0	0	0
Benzo(k)fluoranthene	1700		1500	ug/Kg	88	15	*		0	0	0
Benzo(a)pyrene	1700		1400	ug/Kg	82	8	*		0	0	0
Indeno(1,2,3-cd)pyrene	1700		1500	ug/Kg	88	15	*		0	0	0
Dibenzo(a,h)anthracene	1700		1500	ug/Kg	88	7	*		0	0	0
Benzo(g,h,i)perylene	1700		1400	ug/Kg	82	8	*		0	0	0
2,3,4,6-Tetrachlorophenol	1700		1500	ug/Kg	88	7	*		0	0	0

Surrogate Summary

SW-846

SDG No.: **BG122324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5302-01	E2AR0	BG063782.D	1,4-Dioxane-d8	8	2.62	33		15	120
			Pyridine-d5	40	13.43	34		20	120
			Phenol-d5	40	15.23	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.87	37		10	150
			2-Chlorophenol-d4	40	14.44	36		15	120
			4-Methylphenol-d8	40	14.70	37		10	140
			Nitrobenzene-d5	40	14.81	37		10	135
			2-Nitrophenol-d4	40	16.45	41		10	120
			2,4-Dichlorophenol-d3	40	15.39	38		10	140
			4-Chloroaniline-d4	40	16.10	40		1	145
			Dimethylphthalate-d6	40	18.18	45		10	145
			Acenaphthylene-d8	40	17.01	43		15	120
			4-Nitrophenol-d4	40	15.09	38		10	150
			Fluorene-d10	40	18.64	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.57	26		10	130
			Anthracene-d10	40	19.61	49		10	150
			Pyrene-d10	40	18.73	47		10	130
			Benzo(a)pyrene-d12	40	18.44	46		10	140
P5302-02	E2AR1	BG063783.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Pyridine-d5	40	15.77	39		20	120
			Phenol-d5	40	17.21	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.77	42		10	150
			2-Chlorophenol-d4	40	17.01	43		15	120
			4-Methylphenol-d8	40	16.96	42		10	140
			Nitrobenzene-d5	40	19.19	48		10	135
			2-Nitrophenol-d4	40	19.53	49		10	120
			2,4-Dichlorophenol-d3	40	19.27	48		10	140
			4-Chloroaniline-d4	40	19.10	48		1	145
			Dimethylphthalate-d6	40	22.17	55		10	145
			Acenaphthylene-d8	40	21.03	53		15	120
			4-Nitrophenol-d4	40	16.58	41		10	150
			Fluorene-d10	40	21.76	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.41	29		10	130
			Anthracene-d10	40	21.28	53		10	150
			Pyrene-d10	40	19.92	50		10	130
			Benzo(a)pyrene-d12	40	18.65	47		10	140
P5302-03	E2AR6	BG063784.D	1,4-Dioxane-d8	8	3.63	45		15	120
			Pyridine-d5	40	17.59	44		20	120
			Phenol-d5	40	20.14	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.71	49		10	150
			2-Chlorophenol-d4	40	19.93	50		15	120
			4-Methylphenol-d8	40	19.41	49		10	140
			Nitrobenzene-d5	40	20.49	51		10	135
			2-Nitrophenol-d4	40	21.40	53		10	120
			2,4-Dichlorophenol-d3	40	20.59	51		10	140
			4-Chloroaniline-d4	40	20.81	52		1	145
			Dimethylphthalate-d6	40	25.23	63		10	145
			Acenaphthylene-d8	40	23.60	59		15	120
			4-Nitrophenol-d4	40	21.27	53		10	150

Surrogate Summary

SW-846

SDG No.: **BG122324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5302-03	E2AR6	BG063784.D	Fluorene-d10	40	24.05	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.99	40		10	130
			Anthracene-d10	40	24.13	60		10	150
			Pyrene-d10	40	21.47	54		10	130
			Benzo(a)pyrene-d12	40	19.96	50		10	140
P5302-04MS	E2AR6MS	BG063788.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	18.86	47		20	120
			Phenol-d5	40	21.76	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.75	52		10	150
			2-Chlorophenol-d4	40	20.85	52		15	120
			4-Methylphenol-d8	40	21.29	53		10	140
			Nitrobenzene-d5	40	23.37	58		10	135
			2-Nitrophenol-d4	40	23.48	59		10	120
			2,4-Dichlorophenol-d3	40	24.70	62		10	140
			4-Chloroaniline-d4	40	22.26	56		1	145
			Dimethylphthalate-d6	40	24.36	61		10	145
			Acenaphthylene-d8	40	23.19	58		15	120
			4-Nitrophenol-d4	40	24.49	61		10	150
			Fluorene-d10	40	23.56	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.86	50		10	130
			Anthracene-d10	40	23.62	59		10	150
			Pyrene-d10	40	20.43	51		10	130
			Benzo(a)pyrene-d12	40	19.28	48		10	140
P5302-05MSD	E2AR6MSD	BG063789.D	1,4-Dioxane-d8	8	4.61	58		15	120
			Pyridine-d5	40	21.90	55		20	120
			Phenol-d5	40	24.19	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.63	57		10	150
			2-Chlorophenol-d4	40	23.59	59		15	120
			4-Methylphenol-d8	40	23.64	59		10	140
			Nitrobenzene-d5	40	25.12	63		10	135
			2-Nitrophenol-d4	40	26.18	65		10	120
			2,4-Dichlorophenol-d3	40	27.05	68		10	140
			4-Chloroaniline-d4	40	23.02	58		1	145
			Dimethylphthalate-d6	40	25.46	64		10	145
			Acenaphthylene-d8	40	24.64	62		15	120
			4-Nitrophenol-d4	40	25.33	63		10	150
			Fluorene-d10	40	24.93	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.04	58		10	130
			Anthracene-d10	40	25.52	64		10	150
			Pyrene-d10	40	22.19	55		10	130
			Benzo(a)pyrene-d12	40	21.31	53		10	140
P5302-06	E2AR7	BG063797.D	1,4-Dioxane-d8	8	3.55	44		15	120
			Pyridine-d5	40	16.44	41		20	120
			Phenol-d5	40	16.94	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.48	41		10	150
			2-Chlorophenol-d4	40	17.09	43		15	120
			4-Methylphenol-d8	40	15.86	40		10	140
			Nitrobenzene-d5	40	18.08	45		10	135
			2-Nitrophenol-d4	40	18.16	45		10	120

Surrogate Summary

SW-846

SDG No.: **BG122324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5302-06	E2AR7	BG063797.D	2,4-Dichlorophenol-d3	40	18.12	45		10	140
			4-Chloroaniline-d4	40	18.58	46		1	145
			Dimethylphthalate-d6	40	20.36	51		10	145
			Acenaphthylene-d8	40	20.16	50		15	120
			4-Nitrophenol-d4	40	13.73	34		10	150
			Fluorene-d10	40	20.79	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.06	25		10	130
			Anthracene-d10	40	21.31	53		10	150
			Pyrene-d10	40	18.78	47		10	130
			Benzo(a)pyrene-d12	40	17.07	43		10	140
P5302-08	E2AR8	BG063798.D	1,4-Dioxane-d8	8	3.24	40		15	120
			Pyridine-d5	40	15.30	38		20	120
			Phenol-d5	40	17.36	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.18	43		10	150
			2-Chlorophenol-d4	40	17.87	45		15	120
			4-Methylphenol-d8	40	17.54	44		10	140
			Nitrobenzene-d5	40	19.09	48		10	135
			2-Nitrophenol-d4	40	18.94	47		10	120
			2,4-Dichlorophenol-d3	40	18.08	45		10	140
			4-Chloroaniline-d4	40	20.05	50		1	145
			Dimethylphthalate-d6	40	22.70	57		10	145
			Acenaphthylene-d8	40	22.10	55		15	120
			4-Nitrophenol-d4	40	17.67	44		10	150
			Fluorene-d10	40	23.25	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.00	35		10	130
			Anthracene-d10	40	24.21	61		10	150
			Pyrene-d10	40	23.06	58		10	130
			Benzo(a)pyrene-d12	40	22.56	56		10	140
P5302-09	E2AR9	BG063799.D	1,4-Dioxane-d8	8	3.06	38		15	120
			Pyridine-d5	40	14.62	37		20	120
			Phenol-d5	40	16.47	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.04	40		10	150
			2-Chlorophenol-d4	40	15.70	39		15	120
			4-Methylphenol-d8	40	16.79	42		10	140
			Nitrobenzene-d5	40	17.69	44		10	135
			2-Nitrophenol-d4	40	19.36	48		10	120
			2,4-Dichlorophenol-d3	40	16.99	42		10	140
			4-Chloroaniline-d4	40	17.05	43		1	145
			Dimethylphthalate-d6	40	21.77	54		10	145
			Acenaphthylene-d8	40	20.66	52		15	120
			4-Nitrophenol-d4	40	16.71	42		10	150
			Fluorene-d10	40	21.54	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.94	25		10	130
			Anthracene-d10	40	21.90	55		10	150
			Pyrene-d10	40	20.67	52		10	130
			Benzo(a)pyrene-d12	40	18.55	46		10	140
P5302-10	E2AS1	BG063800.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	12.11	30		20	120
			Phenol-d5	40	14.44	36		10	130

Surrogate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5302-10	E2AS1	BG063800.D	Bis(2-Chloroethyl)ether-d8	40	13.78	34		10	150
			2-Chlorophenol-d4	40	14.18	35		15	120
			4-Methylphenol-d8	40	14.32	36		10	140
			Nitrobenzene-d5	40	15.42	39		10	135
			2-Nitrophenol-d4	40	15.59	39		10	120
			2,4-Dichlorophenol-d3	40	14.85	37		10	140
			4-Chloroaniline-d4	40	15.61	39		1	145
			Dimethylphthalate-d6	40	18.56	46		10	145
			Acenaphthylene-d8	40	18.01	45		15	120
			4-Nitrophenol-d4	40	15.38	38		10	150
			Fluorene-d10	40	19.05	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.80	27		10	130
			Anthracene-d10	40	19.88	50		10	150
			Pyrene-d10	40	18.98	47		10	130
			Benzo(a)pyrene-d12	40	17.55	44		10	140
P5302-14	E2AN7	BG063801.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	11.81	30		20	120
			Phenol-d5	40	14.43	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.92	35		10	150
			2-Chlorophenol-d4	40	14.64	37		15	120
			4-Methylphenol-d8	40	13.42	34		10	140
			Nitrobenzene-d5	40	14.50	36		10	135
			2-Nitrophenol-d4	40	15.04	38		10	120
			2,4-Dichlorophenol-d3	40	14.47	36		10	140
			4-Chloroaniline-d4	40	14.14	35		1	145
			Dimethylphthalate-d6	40	16.64	42		10	145
			Acenaphthylene-d8	40	15.82	40		15	120
			4-Nitrophenol-d4	40	13.01	33		10	150
			Fluorene-d10	40	16.25	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.21	26		10	130
			Anthracene-d10	40	17.07	43		10	150
			Pyrene-d10	40	15.04	38		10	130
P5302-15	E2AP8	BG063802.D	Benzo(a)pyrene-d12	40	13.49	34		10	140
			1,4-Dioxane-d8	8	5.09	64		15	120
			Pyridine-d5	40	21.96	55		20	120
			Phenol-d5	40	28.92	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.40	69		10	150
			2-Chlorophenol-d4	40	28.86	72		15	120
			4-Methylphenol-d8	40	27.89	70		10	140
			Nitrobenzene-d5	40	30.79	77		10	135
			2-Nitrophenol-d4	40	32.23	81		10	120
			2,4-Dichlorophenol-d3	40	31.36	78		10	140
			4-Chloroaniline-d4	40	29.15	73		1	145
			Dimethylphthalate-d6	40	33.74	84		10	145
			Acenaphthylene-d8	40	32.55	81		15	120
			4-Nitrophenol-d4	40	33.85	85		10	150
			Fluorene-d10	40	34.18	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.83	67		10	130
			Anthracene-d10	40	35.81	90		10	150

Surrogate Summary

SW-846

SDG No.: **BG122324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5302-15	E2AP8	BG063802.D	Pyrene-d10	40	33.24	83		10	130
			Benzo(a)pyrene-d12	40	31.32	78		10	140
P5302-16	E2AP9	BG063803.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	10.00	25		20	120
			Phenol-d5	40	13.40	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.40	34		10	150
			2-Chlorophenol-d4	40	13.50	34		15	120
			4-Methylphenol-d8	40	10.62	27		10	140
			Nitrobenzene-d5	40	13.78	34		10	135
			2-Nitrophenol-d4	40	13.94	35		10	120
			2,4-Dichlorophenol-d3	40	12.83	32		10	140
			4-Chloroaniline-d4	40	11.55	29		1	145
			Dimethylphthalate-d6	40	15.80	39		10	145
			Acenaphthylene-d8	40	14.54	36		15	120
			4-Nitrophenol-d4	40	12.72	32		10	150
			Fluorene-d10	40	15.52	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.71	22		10	130
			Anthracene-d10	40	16.96	42		10	150
			Pyrene-d10	40	14.92	37		10	130
			Benzo(a)pyrene-d12	40	14.15	35		10	140
PB165751BL	PB165751BL	BG063793.D	1,4-Dioxane-d8	8	6.93	87		15	120
			Pyridine-d5	40	30.76	77		20	120
			Phenol-d5	40	32.53	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.83	80		10	150
			2-Chlorophenol-d4	40	32.88	82		15	120
			4-Methylphenol-d8	40	30.73	77		10	140
			Nitrobenzene-d5	40	34.35	86		10	135
			2-Nitrophenol-d4	40	36.03	90		10	120
			2,4-Dichlorophenol-d3	40	33.32	83		10	140
			4-Chloroaniline-d4	40	33.17	83		1	145
			Dimethylphthalate-d6	40	35.65	89		10	145
			Acenaphthylene-d8	40	36.70	92		15	120
			4-Nitrophenol-d4	40	35.20	88		10	150
			Fluorene-d10	40	37.80	95		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.06	78		10	130
			Anthracene-d10	40	39.51	99		10	150
			Pyrene-d10	40	37.92	95		10	130
			Benzo(a)pyrene-d12	40	38.56	96		10	140
PB165751BS	PB165751BS	BG063804.D	1,4-Dioxane-d8	8	7.64	96		15	120
			Pyridine-d5	40	35.21	88		20	120
			Phenol-d5	40	38.86	97		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.72	92		10	150
			2-Chlorophenol-d4	40	38.14	95		15	120
			4-Methylphenol-d8	40	37.57	94		10	140
			Nitrobenzene-d5	40	40.74	102		10	135
			2-Nitrophenol-d4	40	42.23	106		10	120
			2,4-Dichlorophenol-d3	40	41.81	105		10	140
			4-Chloroaniline-d4	40	37.94	95		1	145
			Dimethylphthalate-d6	40	41.33	103		10	145

Surrogate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165751BS	PB165751BS	BG063804.D	Acenaphthylene-d8	40	41.20	103		15	120
			4-Nitrophenol-d4	40	46.57	116		10	150
			Fluorene-d10	40	43.24	108		20	140
			4,6-Dinitro-2-methylphenol-d2	40	42.29	106		10	130
			Anthracene-d10	40	43.37	108		10	150
			Pyrene-d10	40	41.84	105		10	130
			Benzo(a)pyrene-d12	40	43.25	108		10	140

Surrogate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-01	E2904	BG063809.D	1,4-Dioxane-d8	8	4.32	54		15	120
			Pyridine-d5	40	18.51	46		20	120
			Phenol-d5	40	19.62	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.49	46		10	150
			2-Chlorophenol-d4	40	20.17	50		15	120
			4-Methylphenol-d8	40	19.36	48		10	140
			Nitrobenzene-d5	40	19.74	49		10	135
			2-Nitrophenol-d4	40	19.51	49		10	120
			2,4-Dichlorophenol-d3	40	20.08	50		10	140
			4-Chloroaniline-d4	40	17.74	44		1	145
			Dimethylphthalate-d6	40	20.62	52		10	145
			Acenaphthylene-d8	40	21.31	53		15	120
			4-Nitrophenol-d4	40	20.13	50		10	150
			Fluorene-d10	40	21.99	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.25	36		10	130
			Anthracene-d10	40	21.43	54		10	150
			Pyrene-d10	40	20.24	51		10	130
			Benzo(a)pyrene-d12	40	18.72	47		10	140
P5333-02	E2905	BG063815.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Pyridine-d5	40	13.79	34		20	120
			Phenol-d5	40	18.72	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.75	44		10	150
			2-Chlorophenol-d4	40	17.98	45		15	120
			4-Methylphenol-d8	40	18.01	45		10	140
			Nitrobenzene-d5	40	19.21	48		10	135
			2-Nitrophenol-d4	40	19.97	50		10	120
			2,4-Dichlorophenol-d3	40	20.27	51		10	140
			4-Chloroaniline-d4	40	17.98	45		1	145
			Dimethylphthalate-d6	40	20.51	51		10	145
			Acenaphthylene-d8	40	19.92	50		15	120
			4-Nitrophenol-d4	40	14.43	36		10	150
			Fluorene-d10	40	19.38	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.83	27		10	130
			Anthracene-d10	40	19.30	48		10	150
			Pyrene-d10	40	18.04	45		10	130
			Benzo(a)pyrene-d12	40	15.53	39		10	140
P5333-03	E2906	BG063823.D	1,4-Dioxane-d8	8	2.80	35		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	16.84	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.93	40		10	150
			2-Chlorophenol-d4	40	16.45	41		15	120
			4-Methylphenol-d8	40	11.89	30		10	140
			Nitrobenzene-d5	40	17.94	45		10	135
			2-Nitrophenol-d4	40	18.43	46		10	120
			2,4-Dichlorophenol-d3	40	17.95	45		10	140
			4-Chloroaniline-d4	40	5.57	14		1	145
			Dimethylphthalate-d6	40	19.24	48		10	145
			Acenaphthylene-d8	40	16.29	41		15	120
			4-Nitrophenol-d4	40	18.20	45		10	150

Surrogate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-03	E2906	BG063823.D	Fluorene-d10	40	15.47	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.01	28		10	130
			Anthracene-d10	40	15.48	39		10	150
			Pyrene-d10	40	11.40	28		10	130
			Benzo(a)pyrene-d12	40	6.09	15		10	140
P5333-04	E2907	BG063824.D	1,4-Dioxane-d8	8	4.89	61		15	120
			Pyridine-d5	40	24.81	62		20	120
			Phenol-d5	40	31.65	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.71	72		10	150
			2-Chlorophenol-d4	40	30.16	75		15	120
			4-Methylphenol-d8	40	29.75	74		10	140
			Nitrobenzene-d5	40	31.72	79		10	135
			2-Nitrophenol-d4	40	33.98	85		10	120
			2,4-Dichlorophenol-d3	40	31.66	79		10	140
			4-Chloroaniline-d4	40	22.38	56		1	145
			Dimethylphthalate-d6	40	31.63	79		10	145
			Acenaphthylene-d8	40	28.67	72		15	120
			4-Nitrophenol-d4	40	29.54	74		10	150
			Fluorene-d10	40	27.34	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.41	49		10	130
			Anthracene-d10	40	27.74	69		10	150
			Pyrene-d10	40	24.06	60		10	130
			Benzo(a)pyrene-d12	40	20.33	51		10	140
P5333-05	E2908	BG063829.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Pyridine-d5	40	20.83	52		20	120
			Phenol-d5	40	25.66	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.44	59		10	150
			2-Chlorophenol-d4	40	26.25	66		15	120
			4-Methylphenol-d8	40	24.65	62		10	140
			Nitrobenzene-d5	40	25.92	65		10	135
			2-Nitrophenol-d4	40	28.26	71		10	120
			2,4-Dichlorophenol-d3	40	27.33	68		10	140
			4-Chloroaniline-d4	40	20.56	51		1	145
			Dimethylphthalate-d6	40	26.88	67		10	145
			Acenaphthylene-d8	40	25.64	64		15	120
			4-Nitrophenol-d4	40	25.61	64		10	150
			Fluorene-d10	40	22.77	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.48	39		10	130
			Anthracene-d10	40	23.38	58		10	150
			Pyrene-d10	40	19.59	49		10	130
			Benzo(a)pyrene-d12	40	16.16	40		10	140
P5333-07	E2910	BG063810.D	1,4-Dioxane-d8	8	6.59	82		15	120
			Pyridine-d5	40	30.67	77		20	120
			Phenol-d5	40	34.11	85		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.48	81		10	150
			2-Chlorophenol-d4	40	34.11	85		15	120
			4-Methylphenol-d8	40	34.41	86		10	140
			Nitrobenzene-d5	40	33.95	85		10	135
			2-Nitrophenol-d4	40	41.55	104		10	120

Surrogate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-07	E2910	BG063810.D	2,4-Dichlorophenol-d3	40	34.15	85		10	140
			4-Chloroaniline-d4	40	30.12	75		1	145
			Dimethylphthalate-d6	40	36.57	91		10	145
			Acenaphthylene-d8	40	36.45	91		15	120
			4-Nitrophenol-d4	40	32.48	81		10	150
			Fluorene-d10	40	38.05	95		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.14	53		10	130
			Anthracene-d10	40	37.37	93		10	150
			Pyrene-d10	40	35.18	88		10	130
			Benzo(a)pyrene-d12	40	32.90	82		10	140
P5333-09	E2912	BG063822.D	1,4-Dioxane-d8	8	3.03	38		15	120
			Pyridine-d5	40	12.50	31		20	120
			Phenol-d5	40	15.54	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.89	42		10	150
			2-Chlorophenol-d4	40	15.89	40		15	120
			4-Methylphenol-d8	40	10.21	26		10	140
			Nitrobenzene-d5	40	17.40	44		10	135
			2-Nitrophenol-d4	40	18.18	45		10	120
			2,4-Dichlorophenol-d3	40	15.60	39		10	140
			4-Chloroaniline-d4	40	5.79	14		1	145
			Dimethylphthalate-d6	40	16.70	42		10	145
			Acenaphthylene-d8	40	16.11	40		15	120
			4-Nitrophenol-d4	40	11.49	29		10	150
			Fluorene-d10	40	14.66	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.67	24		10	130
			Anthracene-d10	40	14.61	37		10	150
			Pyrene-d10	40	12.63	32		10	130
P5333-12	E2914	BG063814.D	Benzo(a)pyrene-d12	40	8.86	22		10	140
			1,4-Dioxane-d8	8	2.65	33		15	120
			Pyridine-d5	40	5.37	13	*	20	120
			Phenol-d5	40	15.68	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.48	39		10	150
			2-Chlorophenol-d4	40	15.62	39		15	120
			4-Methylphenol-d8	40	10.39	26		10	140
			Nitrobenzene-d5	40	15.87	40		10	135
			2-Nitrophenol-d4	40	18.24	46		10	120
			2,4-Dichlorophenol-d3	40	16.77	42		10	140
			4-Chloroaniline-d4	40	9.26	23		1	145
			Dimethylphthalate-d6	40	17.92	45		10	145
			Acenaphthylene-d8	40	16.45	41		15	120
			4-Nitrophenol-d4	40	14.93	37		10	150
			Fluorene-d10	40	15.72	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.41	24		10	130
			Anthracene-d10	40	15.55	39		10	150
			Pyrene-d10	40	11.34	28		10	130
P5333-13	E2915	BG063820.D	Benzo(a)pyrene-d12	40	5.72	14		10	140
			1,4-Dioxane-d8	8	3.82	48		15	120
			Pyridine-d5	40	18.63	47		20	120
			Phenol-d5	40	19.30	48		10	130

Surrogate Summary

SW-846

SDG No.: **BG122324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-13	E2915	BG063820.D	Bis(2-Chloroethyl)ether-d8	40	20.66	52		10	150
			2-Chlorophenol-d4	40	20.06	50		15	120
			4-Methylphenol-d8	40	13.33	33		10	140
			Nitrobenzene-d5	40	21.07	53		10	135
			2-Nitrophenol-d4	40	21.99	55		10	120
			2,4-Dichlorophenol-d3	40	19.98	50		10	140
			4-Chloroaniline-d4	40	16.82	42		1	145
			Dimethylphthalate-d6	40	21.45	54		10	145
			Acenaphthylene-d8	40	20.48	51		15	120
			4-Nitrophenol-d4	40	15.13	38		10	150
			Fluorene-d10	40	19.40	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.57	24		10	130
			Anthracene-d10	40	19.27	48		10	150
			Pyrene-d10	40	16.57	41		10	130
			Benzo(a)pyrene-d12	40	11.04	28		10	140
P5333-14	E2916	BG063821.D	1,4-Dioxane-d8	8	3.52	44		15	120
			Pyridine-d5	40	17.22	43		20	120
			Phenol-d5	40	20.30	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.60	49		10	150
			2-Chlorophenol-d4	40	20.60	51		15	120
			4-Methylphenol-d8	40	18.40	46		10	140
			Nitrobenzene-d5	40	21.48	54		10	135
			2-Nitrophenol-d4	40	22.44	56		10	120
			2,4-Dichlorophenol-d3	40	21.85	55		10	140
			4-Chloroaniline-d4	40	18.45	46		1	145
			Dimethylphthalate-d6	40	22.39	56		10	145
			Acenaphthylene-d8	40	21.72	54		15	120
			4-Nitrophenol-d4	40	16.92	42		10	150
			Fluorene-d10	40	21.25	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.05	28		10	130
			Anthracene-d10	40	20.49	51		10	150
			Pyrene-d10	40	19.60	49		10	130
P5333-16	E2918	BG063825.D	Benzo(a)pyrene-d12	40	15.66	39		10	140
			1,4-Dioxane-d8	8	3.75	47		15	120
			Pyridine-d5	40	8.48	21		20	120
			Phenol-d5	40	16.48	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.62	42		10	150
			2-Chlorophenol-d4	40	16.86	42		15	120
			4-Methylphenol-d8	40	13.76	34		10	140
			Nitrobenzene-d5	40	18.44	46		10	135
			2-Nitrophenol-d4	40	18.97	47		10	120
			2,4-Dichlorophenol-d3	40	18.03	45		10	140
			4-Chloroaniline-d4	40	14.72	37		1	145
			Dimethylphthalate-d6	40	19.88	50		10	145
			Acenaphthylene-d8	40	16.80	42		15	120
			4-Nitrophenol-d4	40	10.51	26		10	150
			Fluorene-d10	40	15.24	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.91	15		10	130
			Anthracene-d10	40	14.53	36		10	150

Surrogate Summary

SW-846

SDG No.: **BG122324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-16	E2918	BG063825.D	Pyrene-d10	40	11.24	28		10	130
			Benzo(a)pyrene-d12	40	7.34	18		10	140
P5333-17	E2919	BG063826.D	1,4-Dioxane-d8	8	3.40	43		15	120
			Pyridine-d5	40	15.82	40		20	120
			Phenol-d5	40	19.13	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.41	46		10	150
			2-Chlorophenol-d4	40	19.88	50		15	120
			4-Methylphenol-d8	40	16.63	42		10	140
			Nitrobenzene-d5	40	20.31	51		10	135
			2-Nitrophenol-d4	40	21.34	53		10	120
			2,4-Dichlorophenol-d3	40	19.85	50		10	140
			4-Chloroaniline-d4	40	17.01	43		1	145
			Dimethylphthalate-d6	40	20.71	52		10	145
			Acenaphthylene-d8	40	19.45	49		15	120
			4-Nitrophenol-d4	40	18.07	45		10	150
			Fluorene-d10	40	17.92	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.18	25		10	130
			Anthracene-d10	40	17.74	44		10	150
			Pyrene-d10	40	15.50	39		10	130
			Benzo(a)pyrene-d12	40	12.00	30		10	140
P5333-18	E2920	BG063827.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	21.21	53		20	120
			Phenol-d5	40	27.08	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.35	63		10	150
			2-Chlorophenol-d4	40	26.97	67		15	120
			4-Methylphenol-d8	40	20.96	52		10	140
			Nitrobenzene-d5	40	29.18	73		10	135
			2-Nitrophenol-d4	40	31.02	78		10	120
			2,4-Dichlorophenol-d3	40	28.30	71		10	140
			4-Chloroaniline-d4	40	20.39	51		1	145
			Dimethylphthalate-d6	40	30.46	76		10	145
			Acenaphthylene-d8	40	28.71	72		15	120
			4-Nitrophenol-d4	40	25.59	64		10	150
			Fluorene-d10	40	26.51	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.17	38		10	130
			Anthracene-d10	40	26.23	66		10	150
			Pyrene-d10	40	22.70	57		10	130
			Benzo(a)pyrene-d12	40	16.71	42		10	140
P5333-19	E2921	BG063828.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Pyridine-d5	40	16.48	41		20	120
			Phenol-d5	40	19.14	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.72	47		10	150
			2-Chlorophenol-d4	40	20.16	50		15	120
			4-Methylphenol-d8	40	19.24	48		10	140
			Nitrobenzene-d5	40	20.64	52		10	135
			2-Nitrophenol-d4	40	20.81	52		10	120
			2,4-Dichlorophenol-d3	40	20.42	51		10	140
			4-Chloroaniline-d4	40	19.68	49		1	145
			Dimethylphthalate-d6	40	21.80	54		10	145

Surrogate Summary

SW-846

SDG No.: **BG122324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-19	E2921	BG063828.D	Acenaphthylene-d8	40	21.31	53		15	120
			4-Nitrophenol-d4	40	16.90	42		10	150
			Fluorene-d10	40	20.55	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.38	26		10	130
			Anthracene-d10	40	21.00	52		10	150
			Pyrene-d10	40	19.04	48		10	130
			Benzo(a)pyrene-d12	40	15.40	39		10	140
P5333-20	E2923	BG063811.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Pyridine-d5	40	16.92	42		20	120
			Phenol-d5	40	19.73	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.79	47		10	150
			2-Chlorophenol-d4	40	20.33	51		15	120
			4-Methylphenol-d8	40	17.66	44		10	140
			Nitrobenzene-d5	40	20.08	50		10	135
			2-Nitrophenol-d4	40	21.34	53		10	120
			2,4-Dichlorophenol-d3	40	21.18	53		10	140
			4-Chloroaniline-d4	40	17.60	44		1	145
			Dimethylphthalate-d6	40	22.68	57		10	145
			Acenaphthylene-d8	40	21.34	53		15	120
			4-Nitrophenol-d4	40	19.20	48		10	150
			Fluorene-d10	40	21.66	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.33	33		10	130
			Anthracene-d10	40	22.14	55		10	150
			Pyrene-d10	40	19.95	50		10	130
			Benzo(a)pyrene-d12	40	18.25	46		10	140
			1,4-Dioxane-d8	8	1.48	19		15	120
			Pyridine-d5	40	9.95	25		20	120
P5333-21MS	E2923MS	BG063812.D	Phenol-d5	40	8.89	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.77	22		10	150
			2-Chlorophenol-d4	40	9.14	23		15	120
			4-Methylphenol-d8	40	6.77	17		10	140
			Nitrobenzene-d5	40	9.38	23		10	135
			2-Nitrophenol-d4	40	9.05	23		10	120
			2,4-Dichlorophenol-d3	40	9.80	25		10	140
			4-Chloroaniline-d4	40	5.71	14		1	145
			Dimethylphthalate-d6	40	10.49	26		10	145
			Acenaphthylene-d8	40	8.74	22		15	120
			4-Nitrophenol-d4	40	9.43	24		10	150
			Fluorene-d10	40	8.98	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.28	21		10	130
			Anthracene-d10	40	9.34	23		10	150
			Pyrene-d10	40	6.57	16		10	130
			Benzo(a)pyrene-d12	40	3.91	10		10	140
			1,4-Dioxane-d8	8	1.37	17		15	120
			Pyridine-d5	40	8.89	22		20	120
			Phenol-d5	40	8.42	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.82	20		10	150
P5333-22MSD	E2923MSD	BG063813.D	2-Chlorophenol-d4	40	8.24	21		15	120
			4-Methylphenol-d8	40	6.37	16		10	140

Surrogate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-22MSD	E2923MSD	BG063813.D	Nitrobenzene-d5	40	8.19	20		10	135
			2-Nitrophenol-d4	40	7.87	20		10	120
			2,4-Dichlorophenol-d3	40	9.35	23		10	140
			4-Chloroaniline-d4	40	5.35	13		1	145
			Dimethylphthalate-d6	40	9.68	24		10	145
			Acenaphthylene-d8	40	8.06	20		15	120
			4-Nitrophenol-d4	40	8.58	21		10	150
			Fluorene-d10	40	8.04	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.19	18		10	130
			Anthracene-d10	40	8.71	22		10	150
			Pyrene-d10	40	5.88	15		10	130
			Benzo(a)pyrene-d12	40	3.43	9	*	10	140
PB165779BL	PB165779BL	BG063807.D	1,4-Dioxane-d8	8	5.29	66		15	120
			Pyridine-d5	40	25.10	63		20	120
		BG063817.D	1,4-Dioxane-d8	8	6.76	85		15	120
			Pyridine-d5	40	32.59	81		20	120
		BG063819.D	1,4-Dioxane-d8	8	5.33	67		15	120
			Pyridine-d5	40	24.88	62		20	120
		BG063817.D	Phenol-d5	40	25.41	64		10	130
			Phenol-d5	40	35.14	88		10	130
		BG063807.D	Phenol-d5	40	25.83	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.85	57		10	150
		BG063817.D	Bis(2-Chloroethyl)ether-d8	40	32.76	82		10	150
			Bis(2-Chloroethyl)ether-d8	40	23.19	58		10	150
		BG063817.D	2-Chlorophenol-d4	40	26.92	67		15	120
			2-Chlorophenol-d4	40	35.29	88		15	120
		BG063807.D	2-Chlorophenol-d4	40	26.10	65		15	120
			4-Methylphenol-d8	40	34.19	85		10	140
		BG063807.D	4-Methylphenol-d8	40	23.80	59		10	140
			4-Methylphenol-d8	40	24.35	61		10	140
		BG063817.D	Nitrobenzene-d5	40	34.96	87		10	135
			Nitrobenzene-d5	40	24.52	61		10	135
		BG063819.D	Nitrobenzene-d5	40	25.48	64		10	135
			2-Nitrophenol-d4	40	37.39	93		10	120
		BG063807.D	2-Nitrophenol-d4	40	24.71	62		10	120
			2-Nitrophenol-d4	40	26.86	67		10	120
		BG063819.D	2,4-Dichlorophenol-d3	40	27.01	68		10	140
			2,4-Dichlorophenol-d3	40	26.51	66		10	140
		BG063817.D	2,4-Dichlorophenol-d3	40	35.49	89		10	140
			4-Chloroaniline-d4	40	25.84	65		1	145
		BG063817.D	4-Chloroaniline-d4	40	35.59	89		1	145
			4-Chloroaniline-d4	40	26.43	66		1	145
		BG063819.D	Dimethylphthalate-d6	40	25.28	63		10	145
			Dimethylphthalate-d6	40	34.56	86		10	145
		BG063817.D	Dimethylphthalate-d6	40	25.65	64		10	145
			Acenaphthylene-d8	40	25.86	65		15	120
		BG063819.D	Acenaphthylene-d8	40	35.45	89		15	120
			Acenaphthylene-d8	40	26.44	66		15	120
		BG063819.D	4-Nitrophenol-d4	40	24.19	60		10	150

Surrogate Summary

SW-846

SDG No.: **BG122324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165779BL	PB165779BL	BG063807.D	4-Nitrophenol-d4	40	25.62	64		10	150
		BG063817.D	4-Nitrophenol-d4	40	34.48	86		10	150
		BG063807.D	Fluorene-d10	40	27.62	69		20	140
		BG063817.D	Fluorene-d10	40	35.93	90		20	140
		BG063819.D	Fluorene-d10	40	26.96	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.95	30		10	130
		BG063817.D	4,6-Dinitro-2-methylphenol-d2	40	26.24	66		10	130
		BG063807.D	4,6-Dinitro-2-methylphenol-d2	40	18.89	47		10	130
			Anthracene-d10	40	28.16	70		10	150
		BG063819.D	Anthracene-d10	40	27.90	70		10	150
		BG063817.D	Anthracene-d10	40	38.68	97		10	150
			Pyrene-d10	40	37.06	93		10	130
		BG063819.D	Pyrene-d10	40	26.16	65		10	130
		BG063807.D	Pyrene-d10	40	26.58	66		10	130
			Benzo(a)pyrene-d12	40	27.03	68		10	140
		BG063817.D	Benzo(a)pyrene-d12	40	37.57	94		10	140
		BG063819.D	Benzo(a)pyrene-d12	40	26.75	67		10	140
PB165779BS	PB165779BS	BG063805.D	1,4-Dioxane-d8	8	5.59	70		15	120
			Pyridine-d5	40	29.16	73		20	120
			Phenol-d5	40	30.02	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.64	67		10	150
			2-Chlorophenol-d4	40	29.61	74		15	120
			4-Methylphenol-d8	40	28.08	70		10	140
			Nitrobenzene-d5	40	29.40	73		10	135
			2-Nitrophenol-d4	40	29.69	74		10	120
			2,4-Dichlorophenol-d3	40	32.90	82		10	140
			4-Chloroaniline-d4	40	26.97	67		1	145
			Dimethylphthalate-d6	40	28.94	72		10	145
			Acenaphthylene-d8	40	29.01	73		15	120
			4-Nitrophenol-d4	40	34.28	86		10	150
			Fluorene-d10	40	30.38	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.02	75		10	130
			Anthracene-d10	40	30.95	77		10	150
			Pyrene-d10	40	29.01	73		10	130
			Benzo(a)pyrene-d12	40	31.00	77		10	140

Surrogate Summary

SW-846

SDG No.: **BG122324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5265-18ME	E2903ME	BG063781.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	3.09	39		15	120
			Phenol-d5	40	17.22	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.84	42		10	150
			2-Chlorophenol-d4	40	17.60	44		15	120
			4-Methylphenol-d8	40	14.64	37		10	140
			Nitrobenzene-d5	40	18.06	45		10	135
			2-Nitrophenol-d4	40	17.25	43		10	120
			2,4-Dichlorophenol-d3	40	17.82	45		10	140
			4-Chloroaniline-d4	40	8.78	22		1	145
			Dimethylphthalate-d6	40	20.17	50		10	145
			Acenaphthylene-d8	40	19.98	50		15	120
			4-Nitrophenol-d4	40	17.39	43		10	150
			Fluorene-d10	40	21.53	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.60	39		10	130
			Anthracene-d10	40	22.31	56		10	150
			Pyrene-d10	40	17.79	44		10	130
			Benzo(a)pyrene-d12	40	12.98	32		10	140
P5265-18MEDL	E2903MEDL	BG063785.D	1,4-Dioxane-d8	8	3.37	42	*	15	120
			Pyridine-d5	40	0.00	0		20	120
			Phenol-d5	40	15.71	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.87	37		10	150
			2-Chlorophenol-d4	40	15.34	38		15	120
			4-Methylphenol-d8	40	10.88	27		10	140
			Nitrobenzene-d5	40	15.50	39		10	135
			2-Nitrophenol-d4	40	14.73	37		10	120
			2,4-Dichlorophenol-d3	40	16.78	42		10	140
			4-Chloroaniline-d4	40	8.45	21		1	145
			Dimethylphthalate-d6	40	19.47	49		10	145
			Acenaphthylene-d8	40	19.69	49		15	120
			4-Nitrophenol-d4	40	10.86	27		10	150
			Fluorene-d10	40	20.47	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.09	23		10	130
			Anthracene-d10	40	22.47	56		10	150
			Pyrene-d10	40	17.24	43		10	130
			Benzo(a)pyrene-d12	40	12.02	30		10	140
PB165795BL	PB165795BL	BG063780.D	Pyridine-d5	40	25.85	65		20	120
			1,4-Dioxane-d8	8	5.39	67		15	120
		BG063808.D	1,4-Dioxane-d8	8	6.10	76		15	120
			Pyridine-d5	40	26.13	65		20	120
			Phenol-d5	40	25.69	64		10	130
		BG063780.D	Phenol-d5	40	23.84	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.97	57		10	150
		BG063808.D	Bis(2-Chloroethyl)ether-d8	40	23.69	59		10	150
			2-Chlorophenol-d4	40	25.96	65		15	120
		BG063780.D	2-Chlorophenol-d4	40	25.10	63		15	120
			4-Methylphenol-d8	40	23.02	58		10	140
		BG063808.D	4-Methylphenol-d8	40	24.38	61		10	140
			Nitrobenzene-d5	40	25.25	63		10	135

Surrogate Summary

SW-846

SDG No.: **BG122324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165795BL	PB165795BL	BG063780.D	Nitrobenzene-d5	40	25.35	63		10	135
			2-Nitrophenol-d4	40	25.17	63		10	120
		BG063808.D	2-Nitrophenol-d4	40	24.43	61		10	120
			2,4-Dichlorophenol-d3	40	25.13	63		10	140
		BG063780.D	2,4-Dichlorophenol-d3	40	25.36	63		10	140
			4-Chloroaniline-d4	40	24.36	61		1	145
		BG063808.D	4-Chloroaniline-d4	40	24.98	62		1	145
			Dimethylphthalate-d6	40	24.93	62		10	145
		BG063780.D	Dimethylphthalate-d6	40	26.05	65		10	145
			Acenaphthylene-d8	40	26.62	67		15	120
		BG063808.D	Acenaphthylene-d8	40	25.32	63		15	120
			4-Nitrophenol-d4	40	23.21	58		10	150
		BG063780.D	4-Nitrophenol-d4	40	22.20	56		10	150
			Fluorene-d10	40	27.52	69		20	140
		BG063808.D	Fluorene-d10	40	26.96	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.97	42		10	130
		BG063780.D	4,6-Dinitro-2-methylphenol-d2	40	17.64	44		10	130
			Anthracene-d10	40	27.69	69		10	150
		BG063808.D	Anthracene-d10	40	27.54	69		10	150
			Pyrene-d10	40	26.49	66		10	130
		BG063780.D	Pyrene-d10	40	26.12	65		10	130
			Benzo(a)pyrene-d12	40	27.01	68		10	140
		BG063808.D	Benzo(a)pyrene-d12	40	26.90	67		10	140
PB165795BS	PB165795BS	BG063818.D	1,4-Dioxane-d8	8	7.47	93		15	120
			Pyridine-d5	40	35.21	88		20	120
			Phenol-d5	40	39.03	98		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.08	90		10	150
			2-Chlorophenol-d4	40	39.78	99		15	120
			4-Methylphenol-d8	40	36.78	92		10	140
			Nitrobenzene-d5	40	36.74	92		10	135
			2-Nitrophenol-d4	40	38.98	97		10	120
			2,4-Dichlorophenol-d3	40	39.13	98		10	140
			4-Chloroaniline-d4	40	35.54	89		1	145
			Dimethylphthalate-d6	40	36.84	92		10	145
			Acenaphthylene-d8	40	37.85	95		15	120
			4-Nitrophenol-d4	40	42.48	106		10	150
			Fluorene-d10	40	38.30	96		20	140
			4,6-Dinitro-2-methylphenol-d2	40	38.78	97		10	130
			Anthracene-d10	40	39.88	100		10	150
			Pyrene-d10	40	39.04	98		10	130
			Benzo(a)pyrene-d12	40	40.17	100		10	140

Surrogate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5348-05	E1PK9	BG063786.D	1,4-Dioxane-d8	8	5.16	64		15	120
			Pyridine-d5	40	9.91	25		20	120
			Phenol-d5	40	8.67	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.10	95		25	120
			2-Chlorophenol-d4	40	32.84	82		20	130
			4-Methylphenol-d8	40	20.53	51		25	125
			Nitrobenzene-d5	40	40.47	101		20	125
			2-Nitrophenol-d4	40	40.53	101		20	130
			2,4-Dichlorophenol-d3	40	37.09	93		20	120
			4-Chloroaniline-d4	40	31.88	80		1	146
			Dimethylphthalate-d6	40	39.59	99		25	130
			Acenaphthylene-d8	40	41.13	103		10	130
			4-Nitrophenol-d4	40	7.55	19		10	150
			Fluorene-d10	40	42.40	106		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.80	87		10	130
			Anthracene-d10	40	43.37	108		25	130
			Pyrene-d10	40	42.80	107		15	130
			Benzo(a)pyrene-d12	40	42.56	106		20	130
P5348-06	E1PL1	BG063787.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Pyridine-d5	40	3.48	9	*	20	120
			Phenol-d5	40	7.90	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.24	76		25	120
			2-Chlorophenol-d4	40	27.45	69		20	130
			4-Methylphenol-d8	40	17.68	44		25	125
			Nitrobenzene-d5	40	33.43	84		20	125
			2-Nitrophenol-d4	40	33.37	83		20	130
			2,4-Dichlorophenol-d3	40	30.81	77		20	120
			4-Chloroaniline-d4	40	18.54	46		1	146
			Dimethylphthalate-d6	40	33.45	84		25	130
			Acenaphthylene-d8	40	34.22	86		10	130
			4-Nitrophenol-d4	40	7.21	18		10	150
			Fluorene-d10	40	35.55	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.95	72		10	130
			Anthracene-d10	40	38.37	96		25	130
			Pyrene-d10	40	36.84	92		15	130
			Benzo(a)pyrene-d12	40	38.10	95		20	130
P5353-01	E2927	BG063794.D	1,4-Dioxane-d8	8	7.70	96		15	120
			Pyridine-d5	40	6.29	16	*	20	120
			Phenol-d5	40	11.94	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	41.01	103		25	120
			2-Chlorophenol-d4	40	37.47	94		20	130
			4-Methylphenol-d8	40	25.64	64		25	125
			Nitrobenzene-d5	40	42.66	107		20	125
			2-Nitrophenol-d4	40	42.50	106		20	130
			2,4-Dichlorophenol-d3	40	39.16	98		20	120
			4-Chloroaniline-d4	40	23.20	58		1	146
			Dimethylphthalate-d6	40	43.05	108		25	130
			Acenaphthylene-d8	40	42.29	106		10	130
			4-Nitrophenol-d4	40	10.03	25		10	150

Surrogate Summary

SW-846

SDG No.: BG122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5353-01	E2927	BG063794.D	Fluorene-d10	40	45.82	115		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.22	88		10	130
			Anthracene-d10	40	48.69	122		25	130
			Pyrene-d10	40	47.94	120		15	130
			Benzo(a)pyrene-d12	40	49.52	124		20	130
P5353-03	E2928	BG063795.D	1,4-Dioxane-d8	8	6.68	83		15	120
			Pyridine-d5	40	7.88	20		20	120
			Phenol-d5	40	11.28	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	40.75	102		25	120
			2-Chlorophenol-d4	40	37.99	95		20	130
			4-Methylphenol-d8	40	24.50	61		25	125
			Nitrobenzene-d5	40	42.13	105		20	125
			2-Nitrophenol-d4	40	43.60	109		20	130
			2,4-Dichlorophenol-d3	40	41.19	103		20	120
			4-Chloroaniline-d4	40	35.07	88		1	146
			Dimethylphthalate-d6	40	43.85	110		25	130
			Acenaphthylene-d8	40	45.33	113		10	130
			4-Nitrophenol-d4	40	10.67	27		10	150
			Fluorene-d10	40	47.67	119		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.35	96		10	130
			Anthracene-d10	40	52.55	131	*	25	130
			Pyrene-d10	40	50.46	126		15	130
			Benzo(a)pyrene-d12	40	51.40	129		20	130
P5379-01	YE692	BG063796.D	1,4-Dioxane-d8	8	4.90	61		15	120
			Pyridine-d5	40	6.64	17	*	20	120
			Phenol-d5	40	7.72	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.00	90		25	120
			2-Chlorophenol-d4	40	31.54	79		20	130
			4-Methylphenol-d8	40	19.27	48		25	125
			Nitrobenzene-d5	40	37.36	93		20	125
			2-Nitrophenol-d4	40	38.68	97		20	130
			2,4-Dichlorophenol-d3	40	35.90	90		20	120
			4-Chloroaniline-d4	40	10.00	25		1	146
			Dimethylphthalate-d6	40	40.79	102		25	130
			Acenaphthylene-d8	40	39.06	98		10	130
			4-Nitrophenol-d4	40	7.92	20		10	150
			Fluorene-d10	40	43.61	109		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.18	90		10	130
			Anthracene-d10	40	46.22	116		25	130
			Pyrene-d10	40	45.83	115		15	130
			Benzo(a)pyrene-d12	40	47.89	120		20	130
PB165811BL	PB165811BL	BG063792.D	Pyridine-d5	40	29.71	74		20	120
			1,4-Dioxane-d8	8	6.29	79		15	120
			Phenol-d5	40	28.88	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.56	66		25	120
			2-Chlorophenol-d4	40	29.50	74		20	130
			4-Methylphenol-d8	40	27.20	68		25	125
			Nitrobenzene-d5	40	29.71	74		20	125
			2-Nitrophenol-d4	40	30.84	77		20	130

Surrogate Summary

SW-846

SDG No.: **BG122324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165811BL	PB165811BL	BG063792.D	2,4-Dichlorophenol-d3	40	31.63	79		20	120
			4-Chloroaniline-d4	40	29.24	73		1	146
			Dimethylphthalate-d6	40	29.34	73		25	130
			Acenaphthylene-d8	40	30.68	77		10	130
			4-Nitrophenol-d4	40	28.15	70		10	150
			Fluorene-d10	40	31.42	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.22	56		10	130
			Anthracene-d10	40	32.05	80		25	130
			Pyrene-d10	40	30.54	76		15	130
			Benzo(a)pyrene-d12	40	31.75	79		20	130
			Pyridine-d5	40	36.06	90		20	120
			1,4-Dioxane-d8	8	7.49	94		15	120
			Phenol-d5	40	37.53	94		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.66	84		25	120
PB165811BS	PB165811BS	BG063790.D	2-Chlorophenol-d4	40	37.87	95		20	130
			4-Methylphenol-d8	40	36.01	90		25	125
			Nitrobenzene-d5	40	37.52	94		20	125
			2-Nitrophenol-d4	40	39.25	98		20	130
			2,4-Dichlorophenol-d3	40	41.44	104		20	120
			4-Chloroaniline-d4	40	32.96	82		1	146
			Dimethylphthalate-d6	40	36.51	91		25	130
			Acenaphthylene-d8	40	36.82	92		10	130
			4-Nitrophenol-d4	40	40.82	102		10	150
			Fluorene-d10	40	38.39	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.13	95		10	130
			Anthracene-d10	40	38.35	96		25	130
			Pyrene-d10	40	34.21	86		15	130
			Benzo(a)pyrene-d12	40	38.39	96		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG122324

Lab Code: CHEM

SAS No.: BG122324 SDG NO.: BG122324

Lab File ID: BG063778.D

DFTPP Injection Date: 12/23/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.6
68	Less than 2.0% of mass 69	0.5 (1.1) 1
69	Mass 69 relative abundance	42.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	36.9
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	75.4
443	15.0 - 24.0% of mass 442	14.9 (19.8) 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
SSTD020578	SSTDCCC020	BG063779.D	12/23/2024	11:50
SBLK795	PB165795BL	BG063780.D	12/23/2024	12:34
E2903ME	P5265-18ME	BG063781.D	12/23/2024	13:11
E2AR0	P5302-01	BG063782.D	12/23/2024	13:49
E2AR1	P5302-02	BG063783.D	12/23/2024	14:27
E2AR6	P5302-03	BG063784.D	12/23/2024	15:05
E2903MEDL	P5265-18MEDL	BG063785.D	12/23/2024	15:44
E1PK9	P5348-05	BG063786.D	12/23/2024	16:22
E1PL1	P5348-06	BG063787.D	12/23/2024	16:59
E2AR6MS	P5302-04MS	BG063788.D	12/23/2024	17:37
E2AR6MSD	P5302-05MSD	BG063789.D	12/23/2024	18:14
SLCS811	PB165811BS	BG063790.D	12/23/2024	18:52
SSTD020579	SSTDCCC020	BG063791.D	12/23/2024	20:07
SBLK811	PB165811BL	BG063792.D	12/23/2024	20:44
SBLK751	PB165751BL	BG063793.D	12/23/2024	21:22
E2927	P5353-01	BG063794.D	12/23/2024	21:59
E2928	P5353-03	BG063795.D	12/23/2024	22:37
YE692	P5379-01	BG063796.D	12/23/2024	23:14

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG122324

Lab Code: CHEM

SAS No.: BG122324 SDG NO.: BG122324

Lab File ID: BG063778.D

DFTPP Injection Date: 12/23/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.6
68	Less than 2.0% of mass 69	0.5 (1.1) 1
69	Mass 69 relative abundance	42.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	36.9
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	75.4
443	15.0 - 24.0% of mass 442	14.9 (19.8) 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
E2AR7	P5302-06	BG063797.D	12/23/2024	23:52
E2AR8	P5302-08	BG063798.D	12/24/2024	00:29
E2AR9	P5302-09	BG063799.D	12/24/2024	01:07
E2AS1	P5302-10	BG063800.D	12/24/2024	01:44
E2AN7	P5302-14	BG063801.D	12/24/2024	02:22
E2AP8	P5302-15	BG063802.D	12/24/2024	02:59
E2AP9	P5302-16	BG063803.D	12/24/2024	03:36
SLCS751	PB165751BS	BG063804.D	12/24/2024	04:14
SLCS779	PB165779BS	BG063805.D	12/24/2024	04:51
SSTD020580	SSTDCCC020	BG063806.D	12/24/2024	06:06
SBLK779	PB165779BL	BG063807.D	12/24/2024	06:44
SBLK795	PB165795BL	BG063808.D	12/24/2024	07:21
E2904	P5333-01	BG063809.D	12/24/2024	07:58
E2910	P5333-07	BG063810.D	12/24/2024	08:36
E2923	P5333-20	BG063811.D	12/24/2024	09:13
E2923MS	P5333-21MS	BG063812.D	12/24/2024	09:51
E2923MSD	P5333-22MSD	BG063813.D	12/24/2024	10:28
E2914	P5333-12	BG063814.D	12/24/2024	11:06

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG122324

Lab Code: CHEM

SAS No.: BG122324

SDG NO.: BG122324

Lab File ID: BG063778.D

DFTPP Injection Date: 12/23/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.6
68	Less than 2.0% of mass 69	0.5 (1.1) 1
69	Mass 69 relative abundance	42.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	36.9
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	75.4
443	15.0 - 24.0% of mass 442	14.9 (19.8) 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
E2905	P5333-02	BG063815.D	12/24/2024	11:43
SSTD020581	SSTDCCC020	BG063816.D	12/24/2024	12:58
SBLK779	PB165779BL	BG063817.D	12/24/2024	13:36
SLCS795	PB165795BS	BG063818.D	12/24/2024	14:13
SBLK779	PB165779BL	BG063819.D	12/24/2024	14:51
E2915	P5333-13	BG063820.D	12/24/2024	15:28
E2916	P5333-14	BG063821.D	12/24/2024	16:06
E2912	P5333-09	BG063822.D	12/24/2024	16:43
E2906	P5333-03	BG063823.D	12/24/2024	17:21
E2907	P5333-04	BG063824.D	12/24/2024	17:58
E2918	P5333-16	BG063825.D	12/24/2024	18:36
E2919	P5333-17	BG063826.D	12/24/2024	19:14
E2920	P5333-18	BG063827.D	12/24/2024	19:51
E2921	P5333-19	BG063828.D	12/24/2024	20:29
E2908	P5333-05	BG063829.D	12/24/2024	21:06
SSTD020582	SSTDCCC020EC	BG063830.D	12/24/2024	22:21