

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG No.: BG053124
Instrument ID: BNA_G Calibration Date/Time: 5/31/2024 1:14:07
Lab File ID: BG061392.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020507 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.429	0.422	0.010	-1.6299	40.0
Benzaldehyde	0.859	0.864	0.010	0.6114	40.0
Pyridine	1.258	1.241	0.010	-1.3049	40.0
Phenol	1.673	1.504	0.080	-10.1025	20.0
Bis(2-Chloroethyl)ether	1.224	1.119	0.100	-8.5444	20.0
2-Chlorophenol	1.285	1.180	0.200	-8.159	20.0
2-Methylphenol	1.297	1.162	0.010	-10.3652	20.0
2,2-oxybis(1-Chloropropane)	3.306	2.807	0.010	-15.0837	40.0
Acetophenone	2.390	2.104	0.060	-11.9782	20.0
4-Methylphenol	1.437	1.290	0.010	-10.2202	20.0
N-Nitroso-di-n-propylamine	1.314	1.088	0.050	-17.2	30.0
Hexachloroethane	0.572	0.544	0.100	-4.8882	20.0
Nitrobenzene	0.422	0.409	0.050	-3.0867	25.0
Isophorone	0.859	0.783	0.050	-8.8209	25.0
2-Nitrophenol	0.196	0.189	0.050	-3.5032	25.0
2,4-Dimethylphenol	0.388	0.389	0.050	0.4626	25.0
Bis(2-Chloroethoxy)methane	0.431	0.414	0.050	-3.9264	20.0
2,4-Dichlorophenol	0.324	0.331	0.060	2.1904	20.0
Naphthalene	1.056	1.029	0.200	-2.5063	20.0
4-Chloroaniline	0.457	0.440	0.010	-3.6804	40.0
Hexachlorobutadiene	0.316	0.319	0.040	0.8773	30.0
Caprolactam	0.124	0.139	0.010	12.596	40.0
4-Chloro-3-methylphenol	0.418	0.399	0.040	-4.5415	25.0
1-Methylnaphthalene	0.786	0.746	0.100	-5.0033	20.0
2-Methylnaphthalene	0.766	0.741	0.100	-3.2552	20.0
Hexachlorocyclopentadiene	0.298	0.266	0.010	-10.8716	40.0
2,4,6-Trichlorophenol	0.372	0.403	0.090	8.428	25.0
2,4,5-Trichlorophenol	0.392	0.443	0.100	13.012	25.0
1,1-Biphenyl	1.293	1.264	0.200	-2.2349	20.0
2-Chloronaphthalene	1.018	1.023	0.300	0.4851	20.0
2-Nitroaniline	0.420	0.395	0.050	-5.9379	40.0
Dimethylphthalate	1.617	1.527	0.300	-5.5767	20.0
2,6-Dinitrotoluene	0.317	0.313	0.080	-1.2898	30.0
Acenaphthylene	1.788	1.743	0.400	-2.534	20.0
3-Nitroaniline	0.275	0.282	0.010	2.4524	40.0
Acenaphthene	1.173	1.169	0.200	-0.3679	20.0
2,4-Dinitrophenol	0.168	0.204	0.010	21.1061	40.0
4-Nitrophenol	0.225	0.212	0.010	-5.8221	40.0
Dibenzofuran	1.677	1.649	0.300	-1.6627	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG No.: BG053124

Instrument ID: BNA_G Calibration Date/Time: 5/31/2024 1:14:07

Lab File ID: BG061392.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020507 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.482	0.479	0.070	-0.6209	30.0
Diethylphthalate	1.597	1.491	0.300	-6.6102	20.0
Fluorene	1.451	1.421	0.200	-2.0528	20.0
4-Chlorophenyl-phenylether	0.851	0.830	0.100	-2.4232	20.0
4-Nitroaniline	0.287	0.300	0.010	4.5999	40.0
4,6-Dinitro-2-methylphenol	0.127	0.118	0.010	-7.0728	40.0
N-Nitrosodiphenylamine	0.503	0.494	0.050	-1.692	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.678	0.100	2.6671	20.0
4-Bromophenyl-phenylether	0.237	0.234	0.070	-1.1849	20.0
Hexachlorobenzene	0.263	0.259	0.050	-1.6509	25.0
Atrazine	0.199	0.195	0.010	-1.9854	25.0
Pentachlorophenol	0.092	0.108	0.010	18.174	40.0
Phenanthrene	0.971	0.957	0.200	-1.394	20.0
Pentachlorobenzene	0.292	0.290	0.050	-0.7248	20.0
Anthracene	1.004	0.982	0.200	-2.1809	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.269	0.050	1.6864	20.0
Carbazole	0.816	0.817	0.050	0.0323	40.0
Di-n-butylphthalate	1.023	1.019	0.500	-0.4207	25.0
Fluoranthene	1.232	1.155	0.400	-6.2381	25.0
Pyrene	1.279	1.204	0.400	-5.8539	25.0
Butylbenzylphthalate	0.439	0.427	0.100	-2.821	40.0
3,3-Dichlorobenzidine	0.425	0.413	0.010	-2.599	40.0
Benzo (a) anthracene	1.380	1.313	0.300	-4.8663	30.0
Chrysene	1.271	1.213	0.200	-4.5195	30.0
Bis(2-ethylhexyl)phthalate	0.650	0.620	0.200	-4.686	40.0
Di-n-octyl phthalate	1.001	0.978	0.010	-2.2721	40.0
Benzo (b) fluoranthene	1.191	1.148	0.200	-3.5595	25.0
Benzo (k) fluoranthene	1.209	1.185	0.200	-1.9501	25.0
Benzo (a) pyrene	1.131	1.107	0.200	-2.1108	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.364	0.200	-0.2662	25.0
Dibenzo (a,h) anthracene	1.128	1.133	0.200	0.4649	30.0
Benzo (g,h,i) perylene	1.088	1.104	0.200	1.4705	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.371	0.040	3.8654	20.0
1,4-Dioxane-d8	0.357	0.400	0.010	12.0625	25.0
Pyridine-d5	1.271	1.255	0.010	-1.3247	40.0
Phenol-d5	1.642	1.483	0.010	-9.7225	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.901	0.050	-12.6761	25.0
2-Chlorophenol-d4	1.216	1.126	0.200	-7.3349	20.0
4-Methylphenol-d8	1.400	1.268	0.010	-9.4488	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG No.: BG053124
 Instrument ID: BNA_G Calibration Date/Time: 5/31/2024 1:14:07
 Lab File ID: BG061392.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020507 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.152	0.050	-1.0558	20.0
2-Nitrophenol-d4	0.180	0.180	0.050	-0.1337	30.0
2,4-Dichlorophenol-d3	0.351	0.357	0.060	1.5298	20.0
4-Chloroaniline-d4	0.460	0.449	0.010	-2.4164	40.0
Dimethylphthalate-d6	1.551	1.503	0.300	-3.0784	20.0
Acenaphthylene-d8	1.613	1.574	0.400	-2.3842	20.0
4-Nitrophenol-d4	0.192	0.194	0.010	0.9528	40.0
Fluorene-d10	1.339	1.313	0.100	-1.9622	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.112	0.010	-7.606	40.0
Anthracene-d10	0.882	0.862	0.300	-2.2382	20.0
Pyrene-d10	1.027	0.960	0.300	-6.4675	25.0
Benzo(a)pyrene-d12	0.962	0.939	0.010	-2.381	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG No.: BG053124

Instrument ID: BNA_G Calibration Date/Time: 5/31/2024 1: 22:59

Lab File ID: BG061404.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020508 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.429	0.451	0.010	5.1885	40.0
Benzaldehyde	0.859	0.888	0.010	3.4153	40.0
Pyridine	1.258	1.170	0.010	-6.9594	40.0
Phenol	1.673	1.496	0.080	-10.5757	20.0
Bis(2-Chloroethyl) ether	1.224	1.123	0.100	-8.2273	20.0
2-Chlorophenol	1.285	1.196	0.200	-6.9167	20.0
2-Methylphenol	1.297	1.149	0.010	-11.3929	20.0
2,2-oxybis(1-Chloropropane)	3.306	2.806	0.010	-15.1059	40.0
Acetophenone	2.390	2.019	0.060	-15.5185	20.0
4-Methylphenol	1.437	1.270	0.010	-11.6317	20.0
N-Nitroso-di-n-propylamine	1.314	1.046	0.050	-20.4345	30.0
Hexachloroethane	0.572	0.561	0.100	-1.8889	20.0
Nitrobenzene	0.422	0.403	0.050	-4.5682	25.0
Isophorone	0.859	0.745	0.050	-13.2762	25.0
2-Nitrophenol	0.196	0.195	0.050	-0.4883	25.0
2,4-Dimethylphenol	0.388	0.374	0.050	-3.5459	25.0
Bis(2-Chloroethoxy) methane	0.431	0.405	0.050	-6.0262	20.0
2,4-Dichlorophenol	0.324	0.332	0.060	2.5442	20.0
Naphthalene	1.056	1.042	0.200	-1.2662	20.0
4-Chloroaniline	0.457	0.415	0.010	-9.0876	40.0
Hexachlorobutadiene	0.316	0.320	0.040	1.2418	30.0
Caprolactam	0.124	0.123	0.010	-0.7385	40.0
4-Chloro-3-methylphenol	0.418	0.385	0.040	-7.9112	25.0
1-Methylnaphthalene	0.786	0.724	0.100	-7.8791	20.0
2-Methylnaphthalene	0.766	0.718	0.100	-6.2452	20.0
Hexachlorocyclopentadiene	0.298	0.253	0.010	-15.1372	40.0
2,4,6-Trichlorophenol	0.372	0.399	0.090	7.1916	25.0
2,4,5-Trichlorophenol	0.392	0.416	0.100	6.2385	25.0
1,1-Biphenyl	1.293	1.270	0.200	-1.8083	20.0
2-Chloronaphthalene	1.018	1.036	0.300	1.7608	20.0
2-Nitroaniline	0.420	0.391	0.050	-6.8312	40.0
Dimethylphthalate	1.617	1.422	0.300	-12.0713	20.0
2,6-Dinitrotoluene	0.317	0.295	0.080	-6.9621	30.0
Acenaphthylene	1.788	1.730	0.400	-3.2568	20.0
3-Nitroaniline	0.275	0.280	0.010	1.7573	40.0
Acenaphthene	1.173	1.154	0.200	-1.6087	20.0
2,4-Dinitrophenol	0.168	0.188	0.010	11.8165	40.0
4-Nitrophenol	0.225	0.200	0.010	-11.3803	40.0
Dibenzofuran	1.677	1.621	0.300	-3.3635	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG No.: BG053124

Instrument ID: BNA_G Calibration Date/Time: 5/31/2024 1: 22:59

Lab File ID: BG061404.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020508 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.482	0.470	0.070	-2.6152	30.0
Diethylphthalate	1.597	1.449	0.300	-9.2666	20.0
Fluorene	1.451	1.407	0.200	-3.0621	20.0
4-Chlorophenyl-phenylether	0.851	0.803	0.100	-5.6351	20.0
4-Nitroaniline	0.287	0.288	0.010	0.5704	40.0
4,6-Dinitro-2-methylphenol	0.127	0.113	0.010	-10.7125	40.0
N-Nitrosodiphenylamine	0.503	0.489	0.050	-2.7343	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.678	0.100	2.6367	20.0
4-Bromophenyl-phenylether	0.237	0.231	0.070	-2.3573	20.0
Hexachlorobenzene	0.263	0.263	0.050	-0.2881	25.0
Atrazine	0.199	0.191	0.010	-3.8809	25.0
Pentachlorophenol	0.092	0.114	0.010	23.9418	40.0
Phenanthrene	0.971	0.946	0.200	-2.5485	20.0
Pentachlorobenzene	0.292	0.295	0.050	0.9775	20.0
Anthracene	1.004	0.973	0.200	-3.0403	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.282	0.050	6.528	20.0
Carbazole	0.816	0.804	0.050	-1.512	40.0
Di-n-butylphthalate	1.023	0.977	0.500	-4.4713	25.0
Fluoranthene	1.232	1.166	0.400	-5.3372	25.0
Pyrene	1.279	1.192	0.400	-6.7608	25.0
Butylbenzylphthalate	0.439	0.425	0.100	-3.2062	40.0
3,3-Dichlorobenzidine	0.425	0.424	0.010	-0.0108	40.0
Benzo (a) anthracene	1.380	1.313	0.300	-4.857	30.0
Chrysene	1.271	1.217	0.200	-4.2615	30.0
Bis (2-ethylhexyl) phthalate	0.650	0.621	0.200	-4.5619	40.0
Di-n-octyl phthalate	1.001	0.961	0.010	-3.9875	40.0
Benzo (b) fluoranthene	1.191	1.155	0.200	-3.0095	25.0
Benzo (k) fluoranthene	1.209	1.130	0.200	-6.4891	25.0
Benzo (a) pyrene	1.131	1.087	0.200	-3.9004	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.332	0.200	-2.6169	25.0
Dibenzo (a,h) anthracene	1.128	1.103	0.200	-2.1861	30.0
Benzo (g,h,i) perylene	1.088	1.058	0.200	-2.7279	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.356	0.040	-0.483	20.0
1,4-Dioxane-d8	0.357	0.414	0.010	15.9506	25.0
Pyridine-d5	1.271	1.212	0.010	-4.6684	40.0
Phenol-d5	1.642	1.480	0.010	-9.903	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.927	0.050	-10.2033	25.0
2-Chlorophenol-d4	1.216	1.126	0.200	-7.3953	20.0
4-Methylphenol-d8	1.400	1.229	0.010	-12.238	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG No.: BG053124
 Instrument ID: BNA_G Calibration Date/Time: 5/31/2024 1:22:59
 Lab File ID: BG061404.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020508 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.155	0.050	0.7469	20.0
2-Nitrophenol-d4	0.180	0.175	0.050	-2.8302	30.0
2,4-Dichlorophenol-d3	0.351	0.362	0.060	3.0266	20.0
4-Chloroaniline-d4	0.460	0.430	0.010	-6.5255	40.0
Dimethylphthalate-d6	1.551	1.393	0.300	-10.1685	20.0
Acenaphthylene-d8	1.613	1.547	0.400	-4.0479	20.0
4-Nitrophenol-d4	0.192	0.178	0.010	-7.3526	40.0
Fluorene-d10	1.339	1.317	0.100	-1.6773	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.108	0.010	-10.828	40.0
Anthracene-d10	0.882	0.868	0.300	-1.534	20.0
Pyrene-d10	1.027	0.974	0.300	-5.1243	25.0
Benzo(a)pyrene-d12	0.962	0.937	0.010	-2.5388	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.: BG053124 SAS No.: BG053124 SDG No.: BG053124

Instrument ID: BNA_G Calibration Date/Time: 6/1/2024 12:07:54

Lab File ID: BG061417.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020509 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.429	0.502	0.010	17.0558	50.0
Benzaldehyde	0.859	0.531	0.010	-38.1659	50.0
Pyridine	1.258	1.385	0.010	10.1145	50.0
Phenol	1.673	1.816	0.080	8.5002	50.0
Bis(2-Chloroethyl)ether	1.224	1.367	0.100	11.6658	50.0
2-Chlorophenol	1.285	1.475	0.200	14.8196	50.0
2-Methylphenol	1.297	1.433	0.010	10.4852	50.0
2,2-oxybis(1-Chloropropane)	3.306	3.321	0.010	0.4599	50.0
Acetophenone	2.390	2.415	0.060	1.0445	50.0
4-Methylphenol	1.437	1.510	0.010	5.1165	50.0
N-Nitroso-di-n-propylamine	1.314	1.246	0.050	-5.1594	50.0
Hexachloroethane	0.572	0.643	0.100	12.5046	50.0
Nitrobenzene	0.422	0.467	0.050	10.5633	50.0
Isophorone	0.859	0.835	0.050	-2.7603	50.0
2-Nitrophenol	0.196	0.216	0.050	10.3484	50.0
2,4-Dimethylphenol	0.388	0.436	0.050	12.589	50.0
Bis(2-Chloroethoxy)methane	0.431	0.454	0.050	5.4518	50.0
2,4-Dichlorophenol	0.324	0.376	0.060	16.1747	50.0
Naphthalene	1.056	1.183	0.200	12.0848	50.0
4-Chloroaniline	0.457	0.489	0.010	7.052	50.0
Hexachlorobutadiene	0.316	0.359	0.040	13.3696	50.0
Caprolactam	0.124	0.151	0.010	21.7016	50.0
4-Chloro-3-methylphenol	0.418	0.437	0.040	4.3659	50.0
1-Methylnaphthalene	0.786	0.834	0.100	6.1317	50.0
2-Methylnaphthalene	0.766	0.824	0.100	7.6619	50.0
Hexachlorocyclopentadiene	0.298	0.163	0.010	-45.4366	50.0
2,4,6-Trichlorophenol	0.372	0.472	0.090	26.8533	50.0
2,4,5-Trichlorophenol	0.392	0.496	0.100	26.7589	50.0
1,1-Biphenyl	1.293	1.508	0.200	16.618	50.0
2-Chloronaphthalene	1.018	1.213	0.300	19.1721	50.0
2-Nitroaniline	0.420	0.454	0.050	8.0192	50.0
Dimethylphthalate	1.617	1.661	0.300	2.7185	50.0
2,6-Dinitrotoluene	0.317	0.353	0.080	11.2728	50.0
Acenaphthylene	1.788	2.030	0.400	13.5022	50.0
3-Nitroaniline	0.275	0.269	0.010	-2.3444	50.0
Acenaphthene	1.173	1.336	0.200	13.876	50.0
2,4-Dinitrophenol	0.168	0.183	0.010	8.9748	50.0
4-Nitrophenol	0.225	0.207	0.010	-8.0872	50.0
Dibenzofuran	1.677	1.885	0.300	12.38	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG No.: BG053124

Instrument ID: BNA_G Calibration Date/Time: 6/1/2024 12:07:54

Lab File ID: BG061417.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020509 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.482	0.509	0.070	5.5842	50.0
Diethylphthalate	1.597	1.615	0.300	1.1627	50.0
Fluorene	1.451	1.598	0.200	10.1446	50.0
4-Chlorophenyl-phenylether	0.851	0.931	0.100	9.3473	50.0
4-Nitroaniline	0.287	0.248	0.010	-13.5397	50.0
4,6-Dinitro-2-methylphenol	0.127	0.122	0.010	-3.446	50.0
N-Nitrosodiphenylamine	0.503	0.582	0.050	15.7786	50.0
1,2,4,5-Tetrachlorobenzene	0.660	0.822	0.100	24.5168	50.0
4-Bromophenyl-phenylether	0.237	0.274	0.070	15.8127	50.0
Hexachlorobenzene	0.263	0.300	0.050	13.9736	50.0
Atrazine	0.199	0.212	0.010	6.6004	50.0
Pentachlorophenol	0.092	0.113	0.010	23.2181	50.0
Phenanthrene	0.971	1.090	0.200	12.3158	50.0
Pentachlorobenzene	0.292	0.362	0.050	24.0042	50.0
Anthracene	1.004	1.128	0.200	12.4075	50.0
1,2,3,4-Tetrachlorobenzene	0.264	0.356	0.050	34.799	50.0
Carbazole	0.816	0.928	0.050	13.7214	50.0
Di-n-butylphthalate	1.023	1.140	0.500	11.4025	50.0
Fluoranthene	1.232	1.386	0.400	12.499	50.0
Pyrene	1.279	1.415	0.400	10.6852	50.0
Butylbenzylphthalate	0.439	0.507	0.100	15.3076	50.0
3,3-Dichlorobenzidine	0.425	0.469	0.010	10.545	50.0
Benzo(a)anthracene	1.380	1.549	0.300	12.2427	50.0
Chrysene	1.271	1.415	0.200	11.3669	50.0
Bis(2-ethylhexyl)phthalate	0.650	0.733	0.200	12.7974	50.0
Di-n-octyl phthalate	1.001	1.110	0.010	10.9233	50.0
Benzo(b)fluoranthene	1.191	1.313	0.200	10.251	50.0
Benzo(k)fluoranthene	1.209	1.351	0.200	11.7348	50.0
Benzo(a)pyrene	1.131	1.258	0.200	11.2569	50.0
Indeno(1,2,3-cd)pyrene	1.367	1.508	0.200	10.3143	50.0
Dibenzo(a,h)anthracene	1.128	1.252	0.200	11.0572	50.0
Benzo(g,h,i)perylene	1.088	1.188	0.200	9.1781	50.0
2,3,4,6-Tetrachlorophenol	0.357	0.394	0.040	10.4249	50.0
1,4-Dioxane-d8	0.357	0.480	0.010	34.4304	50.0
Pyridine-d5	1.271	1.363	0.010	7.2198	50.0
Phenol-d5	1.642	1.797	0.010	9.4046	50.0
Bis-(2-Chloroethyl)ether-d8	1.032	1.070	0.050	3.6618	50.0
2-Chlorophenol-d4	1.216	1.388	0.200	14.2076	50.0
4-Methylphenol-d8	1.400	1.483	0.010	5.9162	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG No.: BG053124

Instrument ID: BNA_G Calibration Date/Time: 6/1/2024 12:07:54

Lab File ID: BG061417.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020509 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.178	0.050	15.9043	50.0
2-Nitrophenol-d4	0.180	0.205	0.050	13.9869	50.0
2,4-Dichlorophenol-d3	0.351	0.413	0.060	17.4331	50.0
4-Chloroaniline-d4	0.460	0.495	0.010	7.7926	50.0
Dimethylphthalate-d6	1.551	1.585	0.300	2.2005	50.0
Acenaphthylene-d8	1.613	1.834	0.400	13.7096	50.0
4-Nitrophenol-d4	0.192	0.191	0.010	-0.4596	50.0
Fluorene-d10	1.339	1.469	0.100	9.7068	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.114	0.010	-6.0512	50.0
Anthracene-d10	0.882	0.988	0.300	12.0782	50.0
Pyrene-d10	1.027	1.147	0.300	11.7037	50.0
Benzo(a)pyrene-d12	0.962	1.080	0.010	12.3633	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SBLK127	SDG No.:	BG053124
Lab Sample ID:	PB161127BL	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
BG061393.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SBLK127	SDG No.:	BG053124
Lab Sample ID:	PB161127BL	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
BG061393.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SBLK127	SDG No.:	BG053124
Lab Sample ID:	PB161127BL	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
BG061393.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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	6.893		15-120		86	SPK: -8
7291-22-7	Pyridine-d5	32.199		20-120		80	SPK: -40
4165-62-2	Phenol-d5	27.26		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.89		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.531		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	26.82		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	31.566		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.422		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.673		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.938		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.621		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	32.06		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.444		10-150		79	SPK: -40
81103-79-9	Fluorene-d10	32.202		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SBLK127	SDG No.:	BG053124
Lab Sample ID:	PB161127BL	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
BG061393.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.314		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	33.355		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	33.369		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.469		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25160	7.875				
1146-65-2	Naphthalene-d8	95800	10.666				
15067-26-2	Acenaphthene-d10	78804	14.509				
1517-22-2	Phenanthrene-d10	205141	17.259				
1719-03-5	Chrysene-d12	215763	21.512				
1520-96-3	Perylene-d12	246063	24.597				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			3.075	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D7	SDG No.:	BG053124
Lab Sample ID:	P2588-12	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
BG061394.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D7	SDG No.:	BG053124
Lab Sample ID:	P2588-12	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
BG061394.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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	41	J	22	94.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D7	SDG No.:	BG053124
Lab Sample ID:	P2588-12	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
BG061394.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	39	J	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	1.668		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	8.446		20-120		21	SPK: -40
4165-62-2	Phenol-d5	9.418		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.874		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.079		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	8.804		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	10.852		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.472		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.425		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.19		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.501		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	13.563		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.314		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	15.568		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D7	SDG No.:	BG053124
Lab Sample ID:	P2588-12	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
BG061394.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.26		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	17.622		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	19.594		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.381		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23790	7.871				
1146-65-2	Naphthalene-d8	90563	10.668				
15067-26-2	Acenaphthene-d10	74032	14.51				
1517-22-2	Phenanthrene-d10	194123	17.26				
1719-03-5	Chrysene-d12	215481	21.514				
1520-96-3	Perylene-d12	243597	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	620	J			3.077	
000301-02-0	9-Octadecenamide, (Z)-	92	J			22.924	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E1	SDG No.:	BG053124
Lab Sample ID:	P2588-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061395.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E1	SDG No.:	BG053124
Lab Sample ID:	P2588-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061395.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	46.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.8	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	46.8	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.8	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.8	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	90.9	360	ug/Kg
83-32-9	Acenaphthene	29	U	29	46.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	90.9	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.9	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	46.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	46.8	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.8	190	ug/Kg
86-73-7	Fluorene	30	U	30	46.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.8	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	90.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	90.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	46.8	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.8	190	ug/Kg
1912-24-9	Atrazine	31	U	31	90.9	360	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	90.9	360	ug/Kg
85-01-8	Phenanthrene	190		30	46.8	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	46.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	46.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.8	190	ug/Kg
86-74-8	Carbazole	37	U	37	90.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	46.8	190	ug/Kg
206-44-0	Fluoranthene	220		21	90.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E1	SDG No.:	BG053124
Lab Sample ID:	P2588-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061395.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200		20	46.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	90.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	25	46.8	190	ug/Kg
218-01-9	Chrysene	100	J	26	46.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	46.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	90.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	41	46.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	93	J	34	46.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	J	31	46.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	46.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	J	35	46.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.439		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	17.803		20-120		45	SPK: -40
4165-62-2	Phenol-d5	17.874		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.155		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.758		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	16.096		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	19.86		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.846		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.79		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.69		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.427		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.025		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.686		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	23.096		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E1	SDG No.:	BG053124
Lab Sample ID:	P2588-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061395.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.911		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	24.671		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	26.695		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.165		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22035	7.871				
1146-65-2	Naphthalene-d8	84242	10.668				
15067-26-2	Acenaphthene-d10	70679	14.51				
1517-22-2	Phenanthrene-d10	175268	17.26				
1719-03-5	Chrysene-d12	187865	21.508				
1520-96-3	Perylene-d12	211182	24.599				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			3.071	
000301-02-0	9-Octadecenamide, (Z)-	120	J			22.918	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S3	SDG No.:	BG053124
Lab Sample ID:	P2588-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
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
BG061396.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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	36	U	36	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.5	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	99	U	99	53.5	210	ug/Kg
67-72-1	Hexachloroethane	77	U	77	53.5	210	ug/Kg
98-95-3	Nitrobenzene	81	U	81	53.5	210	ug/Kg
78-59-1	Isophorone	83	U	83	53.5	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	53.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	53.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.5	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.5	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53.5	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.5	210	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	53.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	53.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S3	SDG No.:	BG053124
Lab Sample ID:	P2588-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
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
BG061396.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	53.5	210	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	53.5	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.5	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	53.5	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	420	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.5	210	ug/Kg
84-66-2	Diethylphthalate	42	U	42	53.5	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.5	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	53.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.5	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.5	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	420		34	53.5	210	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	53.5	210	ug/Kg
120-12-7	Anthracene	66	J	31	53.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.5	210	ug/Kg
86-74-8	Carbazole	53	J	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.5	210	ug/Kg
206-44-0	Fluoranthene	940		24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S3	SDG No.:	BG053124
Lab Sample ID:	P2588-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
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
BG061396.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	850		23	53.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	570		29	53.5	210	ug/Kg
218-01-9	Chrysene	590		30	53.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71	J	31	53.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	810		47	53.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	250		48	53.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	580		39	53.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310		35	53.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	33	53.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		40	53.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.33		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	16.789		20-120		42	SPK: -40
4165-62-2	Phenol-d5	25.596		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.123		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.749		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	21.29		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	27.455		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.532		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.913		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.273		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.248		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.608		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.377		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	29.43		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S3	SDG No.:	BG053124
Lab Sample ID:	P2588-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
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
BG061396.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.16		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	28.476		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	30.453		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.991		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23021	7.871				
1146-65-2	Naphthalene-d8	90848	10.668				
15067-26-2	Acenaphthene-d10	72627	14.505				
1517-22-2	Phenanthrene-d10	190205	17.254				
1719-03-5	Chrysene-d12	195004	21.508				
1520-96-3	Perylene-d12	226441	24.593				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	15000	J			3.077	
000067-63-0	Isopropyl Alcohol	380	J			3.606	
000079-39-0	Methacrylamide	110	J			3.852	
001119-40-0	Pentanedioic acid, dimethyl ester	130	J			9.581	
000770-35-4	1-Phenoxypropan-2-ol	300	J			11.402	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	91	J			18.136	
002531-84-2	Phenanthrene, 2-methyl-	130	J			18.183	
083469-43-6	6H-Cyclobuta[jk]phenanthrene	140	J			18.33	
002789-88-0	di-p-Tolylacetylene	100	J			19.052	
005737-13-3	Cyclopenta(def)phenanthrenone	98	J			19.199	
000243-17-4	11H-Benzo[b]fluorene	87	J			20.169	
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	430	J			20.662	
000203-12-3	Benzo[ghi]fluoranthene	150	J			21.179	
000301-02-0	9-Octadecenamide, (Z)-	120	J			22.912	
000198-55-0	Perylene	390	J			24.311	
000205-82-3	Benzo[j]fluoranthene	180	J			24.663	
	(DEL) Alkane: Straight-Chain	25.674	J			25.674	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S3	SDG No.:	BG053124
Lab Sample ID:	P2588-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.5
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
BG061396.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S4	SDG No.:	BG053124
Lab Sample ID:	P2588-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
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
BG061397.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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	67	U	67	95.9	380	ug/Kg
110-86-1	Pyridine	90	U	90	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	95.9	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.4	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	95.9	380	ug/Kg
98-86-2	Acetophenone	77	U	77	95.9	380	ug/Kg
106-44-5	4-Methylphenol	62	U	62	95.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.4	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.4	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49.4	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.4	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.4	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S4	SDG No.:	BG053124
Lab Sample ID:	P2588-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
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
BG061397.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.4	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	95.9	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.9	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.9	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.4	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.4	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.4	200	ug/Kg
1912-24-9	Atrazine	33	U	33	95.9	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.9	380	ug/Kg
85-01-8	Phenanthrene	680		31	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.4	200	ug/Kg
120-12-7	Anthracene	140	J	29	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.4	200	ug/Kg
86-74-8	Carbazole	110	J	40	95.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.4	200	ug/Kg
206-44-0	Fluoranthene	1600		22	95.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S4	SDG No.:	BG053124
Lab Sample ID:	P2588-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
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
BG061397.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		21	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	930		27	49.4	200	ug/Kg
218-01-9	Chrysene	990		28	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	95.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		43	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	360		44	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	860		36	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430		33	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	30	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	510		37	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.897		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	15.488		20-120		39	SPK: -40
4165-62-2	Phenol-d5	16.759		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.779		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.416		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	16.517		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	19.928		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.208		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.466		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.756		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.815		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.463		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.436		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	24.377		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S4	SDG No.:	BG053124
Lab Sample ID:	P2588-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
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
BG061397.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.951		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	26.67		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	27.822		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.962		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23151	7.871				
1146-65-2	Naphthalene-d8	85785	10.662				
15067-26-2	Acenaphthene-d10	68104	14.505				
1517-22-2	Phenanthrene-d10	172402	17.26				
1719-03-5	Chrysene-d12	174916	21.514				
1520-96-3	Perylene-d12	198815	24.593				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.077	
	unknown-01	400	J			3.606	
	unknown-02	110	J			10.439	
000770-35-4	1-Phenoxypropan-2-ol	250	J			11.408	
002531-84-2	Phenanthrene, 2-methyl-	120	J			18.136	
000832-69-9	Phenanthrene, 1-methyl-	160	J			18.183	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			18.33	
001576-67-6	Phenanthrene, 3,6-dimethyl-	110	J			19.052	
005737-13-3	Cyclopenta(def)phenanthrenone	96	J			19.199	
002381-21-7	Pyrene, 1-methyl-	170	J			20.169	
	unknown-03	120	J			21.197	
000198-55-0	Perylene	150	J			23.864	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	86	J			24.064	
000192-97-2	Benzo[e]pyrene	490	J			24.311	
	unknown-04	240	J			24.663	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S6	SDG No.:	BG053124
Lab Sample ID:	P2588-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061398.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	97.8	390	ug/Kg
110-86-1	Pyridine	91	U	91	200	390	ug/Kg
108-95-2	Phenol	36	U	36	97.8	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.8	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.4	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.8	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.8	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	97.8	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.4	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.4	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.4	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.4	200	ug/Kg
91-20-3	Naphthalene	28	U	28	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.4	200	ug/Kg
105-60-2	Caprolactam	76	U	76	97.8	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.8	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S6	SDG No.:	BG053124
Lab Sample ID:	P2588-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061398.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.4	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.8	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.8	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.8	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.4	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.4	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.8	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.8	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.4	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.8	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.8	390	ug/Kg
85-01-8	Phenanthrene	150	J	32	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.4	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.4	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.4	200	ug/Kg
206-44-0	Fluoranthene	280		23	97.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S6	SDG No.:	BG053124
Lab Sample ID:	P2588-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061398.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	250		21	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	97.8	390	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	27	50.4	200	ug/Kg
218-01-9	Chrysene	150	J	28	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.8	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		44	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	J	45	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	37	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	J	33	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	98	J	38	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.436		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	10.954		20-120		27	SPK: -40
4165-62-2	Phenol-d5	14.759		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.647		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.085		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	12.767		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	14.59		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.546		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.797		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.617		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.22		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.222		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.66		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	20.462		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S6	SDG No.:	BG053124
Lab Sample ID:	P2588-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061398.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.407		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	23.039		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	24.091		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.52		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24164	7.871				
1146-65-2	Naphthalene-d8	95134	10.668				
15067-26-2	Acenaphthene-d10	74086	14.504				
1517-22-2	Phenanthrene-d10	188488	17.254				
1719-03-5	Chrysene-d12	200359	21.508				
1520-96-3	Perylene-d12	226148	24.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	950	J			3.076	
	unknown-01	190	J			3.605	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.402	
	(DEL) Alkane: Cyclic21.173	100	J			21.173	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S7	SDG No.:	BG053124
Lab Sample ID:	P2588-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BG061399.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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	410	ug/Kg
110-86-1	Pyridine	95	U	95	200	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	34	U	34	52.2	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	410	ug/Kg
98-86-2	Acetophenone	81	U	81	100	410	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	52.2	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.2	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.2	210	ug/Kg
78-59-1	Isophorone	81	U	81	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.2	210	ug/Kg
91-20-3	Naphthalene	29	U	29	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.2	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S7	SDG No.:	BG053124
Lab Sample ID:	P2588-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BG061399.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.2	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.2	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.2	210	ug/Kg
86-73-7	Fluorene	52	J	33	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52.2	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	510		33	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.2	210	ug/Kg
120-12-7	Anthracene	71	J	31	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.2	210	ug/Kg
86-74-8	Carbazole	66	J	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.2	210	ug/Kg
206-44-0	Fluoranthene	1000		23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S7	SDG No.:	BG053124
Lab Sample ID:	P2588-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061399.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	860		22	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	450		28	52.2	210	ug/Kg
218-01-9	Chrysene	490		29	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	570		45	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	220		47	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	450		38	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		34	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87	J	32	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		39	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.278		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	19.065		20-120		48	SPK: -40
4165-62-2	Phenol-d5	18.024		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.672		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.017		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	16.831		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	22.188		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.943		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.799		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.687		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.948		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.909		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.458		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	23.614		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S7	SDG No.:	BG053124
Lab Sample ID:	P2588-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BG061399.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.906		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	26.259		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	27.255		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.501		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22930	7.871				
1146-65-2	Naphthalene-d8	89410	10.668				
15067-26-2	Acenaphthene-d10	68275	14.51				
1517-22-2	Phenanthrene-d10	170537	17.26				
1719-03-5	Chrysene-d12	176943	21.508				
1520-96-3	Perylene-d12	203615	24.587				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			3.077	
004254-14-2	R-(-)-1,2-propanediol	570	J			3.6	
	unknown-01	100	J			9.587	
000770-35-4	1-Phenoxypropan-2-ol	250	J			11.402	
000832-69-9	Phenanthrene, 1-methyl-	140	J			18.136	
002531-84-2	Phenanthrene, 2-methyl-	170	J			18.183	
000203-64-5	4H-Cyclopenta[def]phenanthrene	220	J			18.329	
000486-25-9	9H-Fluoren-9-one	94	J			18.682	
001576-67-6	Phenanthrene, 3,6-dimethyl-	110	J			19.052	
005737-13-3	Cyclopenta(def)phenanthrenone	130	J			19.199	
000243-17-4	11H-Benzo[b]fluorene	100	J			20.174	
002381-21-7	Pyrene, 1-methyl-	93	J			20.327	
1000256-99-5	5(10H)-Pyrido[3,4-b]quinolone, 7-m	130	J			21.185	
000192-97-2	Benzo[e]pyrene	86	J			23.864	
000205-82-3	Benzo[j]fluoranthene	250	J			24.305	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5T8	SDG No.:	BG053124
Lab Sample ID:	P2588-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.9
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
BG061400.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.6	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	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	55.1	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	86	U	86	110	430	ug/Kg
106-44-5	4-Methylphenol	69	U	69	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.1	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	55.1	220	ug/Kg
98-95-3	Nitrobenzene	83	U	83	55.1	220	ug/Kg
78-59-1	Isophorone	86	U	86	55.1	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	55.1	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.1	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	55.1	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	55.1	220	ug/Kg
91-20-3	Naphthalene	31	U	31	55.1	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.1	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	55.1	220	ug/Kg
105-60-2	Caprolactam	83	U	83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	55.1	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	55.1	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	55.1	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55.1	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.1	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5T8	SDG No.:	BG053124
Lab Sample ID:	P2588-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.9
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
BG061400.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.1	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.1	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	55.1	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.1	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.1	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	55.1	220	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	55.1	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	55.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	55.1	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.1	220	ug/Kg
86-73-7	Fluorene	35	U	35	55.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.1	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	55.1	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	55.1	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.1	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	55.1	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	350		35	55.1	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55.1	220	ug/Kg
120-12-7	Anthracene	32	U	32	55.1	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.1	220	ug/Kg
86-74-8	Carbazole	44	J	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.1	220	ug/Kg
206-44-0	Fluoranthene	730		25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5T8	SDG No.:	BG053124
Lab Sample ID:	P2588-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.9
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
BG061400.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	650		23	55.1	220	ug/Kg
85-68-7	Butylbenzylphthalate	83	J	29	55.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	330		30	55.1	220	ug/Kg
218-01-9	Chrysene	420		31	55.1	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360		32	55.1	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		48	55.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	49	55.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	350		40	55.1	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		36	55.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	76	J	34	55.1	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260		42	55.1	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.1	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.852		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	12.024		20-120		30	SPK: -40
4165-62-2	Phenol-d5	19.075		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.923		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.647		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	11.05		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	22.243		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.455		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.779		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.769		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.863		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	23.521		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.887		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	23.518		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5T8	SDG No.:	BG053124
Lab Sample ID:	P2588-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.9
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
BG061400.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.793		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	23.992		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	24.877		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.383		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24592	7.876				
1146-65-2	Naphthalene-d8	95138	10.667				
15067-26-2	Acenaphthene-d10	75776	14.504				
1517-22-2	Phenanthrene-d10	183007	17.259				
1719-03-5	Chrysene-d12	184498	21.507				
1520-96-3	Perylene-d12	211334	24.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000814-78-8	3-Buten-2-one, 3-methyl-	250	J			3.035	
000994-05-8	Butane, 2-methoxy-2-methyl-	14000	J			3.076	
000057-55-6	Propylene Glycol	350	J			3.605	
	unknown-01	370	J			3.852	
	unknown-02	130	J			4.298	
1010306-71-7	(3,3-Dimethyloxiranyl)methanol	87	J			5.074	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	180	J			7.459	
001119-40-0	Pentanedioic acid, dimethyl ester	100	J			9.58	
000770-35-4	1-Phenoxypropan-2-ol	290	J			11.402	
000057-10-3	n-Hexadecanoic acid	120	J			18.158	
000832-64-4	Phenanthrene, 4-methyl-	120	J			18.182	
000610-48-0	Anthracene, 1-methyl-	110	J			18.323	
000084-65-1	9,10-Anthracenedione	110	J			18.681	
003674-66-6	Phenanthrene, 2,5-dimethyl-	94	J			19.057	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.192	
000238-84-6	11H-Benzo[a]fluorene	100	J			20.174	
	(DEL) Alkane: Straight-Chain21.178	160	J			21.178	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5T8	SDG No.:	BG053124
Lab Sample ID:	P2588-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.9
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
BG061400.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
090949-53-4	7-Nonenamide	170	J			22.917	
000192-97-2	Benzo[e]pyrene	160	J			24.31	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W1	SDG No.:	BG053124
Lab Sample ID:	P2588-11	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
BG061401.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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	34	U	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:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W1	SDG No.:	BG053124
Lab Sample ID:	P2588-11	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
BG061401.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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	93	J	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	180	J	22	94.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W1	SDG No.:	BG053124
Lab Sample ID:	P2588-11	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
BG061401.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	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	96	J	26	48.8	200	ug/Kg
218-01-9	Chrysene	110	J	28	48.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	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	140	J	42	48.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	J	44	48.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	91	J	36	48.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	58	J	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	69	J	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	4.116		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	16.985		20-120		42	SPK: -40
4165-62-2	Phenol-d5	16.977		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.89		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.342		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	15.755		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	18.391		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.678		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.32		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.336		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.181		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	20.614		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.109		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	20.884		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W1	SDG No.:	BG053124
Lab Sample ID:	P2588-11	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
BG061401.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.389		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	23.375		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	24.276		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.917		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24177	7.874				
1146-65-2	Naphthalene-d8	97390	10.665				
15067-26-2	Acenaphthene-d10	76119	14.507				
1517-22-2	Phenanthrene-d10	186134	17.257				
1719-03-5	Chrysene-d12	191735	21.511				
1520-96-3	Perylene-d12	216647	24.589				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			3.079	
	unknown-01	270	J			3.602	
	unknown-02	95	J			7.462	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.405	
000057-10-3	n-Hexadecanoic acid	140	J			18.156	
	(DEL) Alkane: Straight-Chain21.176	150	J			21.176	
000638-58-4	Tetradecanamide	240	J			22.921	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E0	SDG No.:	BG053124
Lab Sample ID:	P2588-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BG061402.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99.8	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.8	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.4	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	99.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.8	400	ug/Kg
98-86-2	Acetophenone	80	U	80	99.8	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.4	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.4	210	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51.4	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.4	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.4	210	ug/Kg
105-60-2	Caprolactam	77	U	77	99.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E0	SDG No.:	BG053124
Lab Sample ID:	P2588-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BG061402.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.4	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.4	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.8	400	ug/Kg
83-32-9	Acenaphthene	61	J	31	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.8	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.8	400	ug/Kg
132-64-9	Dibenzofuran	50	J	33	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.4	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.4	210	ug/Kg
86-73-7	Fluorene	87	J	33	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.4	210	ug/Kg
1912-24-9	Atrazine	34	U	34	99.8	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.8	400	ug/Kg
85-01-8	Phenanthrene	950		33	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.4	210	ug/Kg
120-12-7	Anthracene	200	J	30	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.4	210	ug/Kg
86-74-8	Carbazole	71	J	41	99.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.4	210	ug/Kg
206-44-0	Fluoranthene	1100		23	99.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E0	SDG No.:	BG053124
Lab Sample ID:	P2588-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BG061402.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	960		22	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	440		28	51.4	210	ug/Kg
218-01-9	Chrysene	500		29	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	84	J	30	51.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	600		45	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	46	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	390		37	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		34	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83	J	31	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		39	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.024		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	12.201		20-120		31	SPK: -40
4165-62-2	Phenol-d5	19.228		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.811		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.427		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	12.457		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	20.946		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.763		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.601		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.095		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.594		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.801		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.179		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	23.082		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E0	SDG No.:	BG053124
Lab Sample ID:	P2588-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BG061402.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.893		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	24.626		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	24.863		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.633		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23680	7.871				
1146-65-2	Naphthalene-d8	94451	10.668				
15067-26-2	Acenaphthene-d10	74774	14.505				
1517-22-2	Phenanthrene-d10	176000	17.255				
1719-03-5	Chrysene-d12	186274	21.508				
1520-96-3	Perylene-d12	213065	24.593				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	88	J			3.03	
000994-05-8	Butane, 2-methoxy-2-methyl-	17000	J			3.077	
000079-39-0	Methacrylamide	240	J			3.853	
000832-69-9	Phenanthrene, 1-methyl-	180	J			18.136	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b-dihydro	210	J			18.183	
000203-64-5	4H-Cyclopenta[def]phenanthrene	240	J			18.33	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	110	J			18.63	
000084-65-1	9,10-Anthracenedione	140	J			18.682	
022360-63-0	3-Methyl-1-phenyl-1H-indene	160	J			19.058	
005737-13-3	Cyclopenta(def)phenanthrenone	130	J			19.194	
000238-84-6	11H-Benzo[a]fluorene	82	J			20.175	
1000115-87-3	Benzene, [4-(3-ethynylphenyl)-1,3-	150	J			21.191	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			21.25	
000112-84-5	13-Docosenamide, (Z)-	98	J			22.919	
000192-97-2	Benzo[e]pyrene	250	J			24.311	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E5	SDG No.:	BG053124
Lab Sample ID:	P2588-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
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
BG061403.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

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
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.5	370	ug/Kg
108-95-2	Phenol	34	U	34	92.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.5	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.6	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.5	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.5	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.6	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.6	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.6	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.6	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.6	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E5	SDG No.:	BG053124
Lab Sample ID:	P2588-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
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
BG061403.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.6	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.5	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.5	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.5	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.6	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.6	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.6	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.5	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.5	370	ug/Kg
85-01-8	Phenanthrene	320		30	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.6	190	ug/Kg
120-12-7	Anthracene	41	J	28	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.6	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.6	190	ug/Kg
206-44-0	Fluoranthene	660		21	92.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E5	SDG No.:	BG053124
Lab Sample ID:	P2588-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
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
BG061403.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	590		20	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	320		26	47.6	190	ug/Kg
218-01-9	Chrysene	380		27	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	490		41	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	43	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	350		35	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210		31	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	J	29	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		36	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.394		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	16.438		20-120		41	SPK: -40
4165-62-2	Phenol-d5	16.846		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.537		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.498		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	14.248		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	20.908		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.502		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.178		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.261		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.969		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	22.369		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.315		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	22.399		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E5	SDG No.:	BG053124
Lab Sample ID:	P2588-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.1
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
BG061403.D	1	5/25/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.829		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	25.366		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	25.578		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.116		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27431	7.873				
1146-65-2	Naphthalene-d8	104245	10.664				
15067-26-2	Acenaphthene-d10	83048	14.507				
1517-22-2	Phenanthrene-d10	197960	17.256				
1719-03-5	Chrysene-d12	208012	21.51				
1520-96-3	Perylene-d12	237412	24.595				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			3.073	
	unknown-01	75	J			3.608	
000832-69-9	Phenanthrene, 1-methyl-	110	J			18.179	
004701-17-1	5-Bromo-2-thiophenecarboxaldehyde	130	J			18.326	
000084-65-1	9,10-Anthracenedione	80	J			18.678	
001576-67-6	Phenanthrene, 3,6-dimethyl-	140	J			19.054	
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	150	J			20.664	
	(DEL) Alkane: Straight-Chain	21.175	J			21.175	
000112-84-5	13-Docosenamide, (Z)-	170	J			22.92	
000192-97-2	Benzo[e]pyrene	180	J			24.307	
E966796	Total Alkanes	96				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BG053124
Lab Sample ID:	PB161108BL	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
BG061405.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

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
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	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:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BG053124
Lab Sample ID:	PB161108BL	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
BG061405.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

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:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BG053124
Lab Sample ID:	PB161108BL	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
BG061405.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

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							
7291-22-7	Pyridine-d5	24.278		20-120		61	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.097		15-120		64	SPK: -8
4165-62-2	Phenol-d5	25.047		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.677		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.179		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.915		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.617		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.422		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.731		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.049		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.858		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	28.456		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.071		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	27.96		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK108	SDG No.:	BG053124
Lab Sample ID:	PB161108BL	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
BG061405.D	1	5/24/2024 12:00:00 AM	5/31/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.918		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	29.199		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	29.126		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.693		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31908	7.87				
1146-65-2	Naphthalene-d8	122470	10.666				
15067-26-2	Acenaphthene-d10	96454	14.509				
1517-22-2	Phenanthrene-d10	238209	17.259				
1719-03-5	Chrysene-d12	247322	21.507				
1520-96-3	Perylene-d12	276675	24.591				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	95	J			3.075	
	(DEL) Alkane: Straight-Chain	22.035	J			22.035	
	(DEL) Alkane: Straight-Chain	25.666	J			25.666	
	(DEL) Alkane: Straight-Chain	26.947	J			26.947	
E966796	Total Alkanes	270				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S5	SDG No.:	BG053124
Lab Sample ID:	P2588-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BG061406.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

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	96.6	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.6	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.8	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.6	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.6	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	49.8	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.8	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.8	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.8	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.8	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S5	SDG No.:	BG053124
Lab Sample ID:	P2588-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BG061406.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.8	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.6	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.6	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	96.6	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.8	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.8	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.6	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.8	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.6	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.6	390	ug/Kg
85-01-8	Phenanthrene	190	J	32	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.8	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.8	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.8	200	ug/Kg
206-44-0	Fluoranthene	320		22	96.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S5	SDG No.:	BG053124
Lab Sample ID:	P2588-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BG061406.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290		21	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	27	49.8	200	ug/Kg
218-01-9	Chrysene	160	J	28	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	J	43	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	J	44	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	36	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89	J	33	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	37	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.81		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	11.667		20-120		29	SPK: -40
4165-62-2	Phenol-d5	13.825		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.175		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.073		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	12.265		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	15.231		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.922		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.735		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.929		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.98		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.582		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.002		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	18.312		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S5	SDG No.:	BG053124
Lab Sample ID:	P2588-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BG061406.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.06		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	21.099		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	21.368		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.402		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29174	7.876				
1146-65-2	Naphthalene-d8	112834	10.667				
15067-26-2	Acenaphthene-d10	87015	14.51				
1517-22-2	Phenanthrene-d10	214470	17.259				
1719-03-5	Chrysene-d12	221304	21.507				
1520-96-3	Perylene-d12	254016	24.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	990	J			3.082	
	unknown-01	340	J			3.605	
004439-24-1	Ethylene glycol monoisobutyl ether	85	J			10.438	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.407	
000243-17-4	11H-Benzo[b]fluorene	80	J			20.168	
	(DEL) Alkane: Cyclic	90	J			21.178	
000192-97-2	Benzo[e]pyrene	100	J			24.31	
E966796	Total Alkanes	90				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5T9	SDG No.:	BG053124
Lab Sample ID:	P2588-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
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
BG061407.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.6	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	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	55.1	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	86	U	86	110	430	ug/Kg
106-44-5	4-Methylphenol	69	U	69	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.1	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	55.1	220	ug/Kg
98-95-3	Nitrobenzene	83	U	83	55.1	220	ug/Kg
78-59-1	Isophorone	86	U	86	55.1	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	55.1	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	55.1	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	55.1	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	55.1	220	ug/Kg
91-20-3	Naphthalene	98	J	31	55.1	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.1	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	55.1	220	ug/Kg
105-60-2	Caprolactam	83	U	83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	55.1	220	ug/Kg
90-12-0	1-Methylnaphthalene	130	J	31	55.1	220	ug/Kg
91-57-6	2-Methylnaphthalene	120	J	41	55.1	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55.1	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.1	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5T9	SDG No.:	BG053124
Lab Sample ID:	P2588-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
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
BG061407.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.1	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.1	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	55.1	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.1	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.1	220	ug/Kg
208-96-8	Acenaphthylene	180	J	38	55.1	220	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	110	430	ug/Kg
83-32-9	Acenaphthene	420		34	55.1	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	290		35	55.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	55.1	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.1	220	ug/Kg
86-73-7	Fluorene	480		35	55.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.1	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	55.1	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	55.1	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.1	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	55.1	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	4800	E	35	55.1	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55.1	220	ug/Kg
120-12-7	Anthracene	1200		32	55.1	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.1	220	ug/Kg
86-74-8	Carbazole	430		44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.1	220	ug/Kg
206-44-0	Fluoranthene	6300	E	25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5T9	SDG No.:	BG053124
Lab Sample ID:	P2588-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
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
BG061407.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5500	E	23	55.1	220	ug/Kg
85-68-7	Butylbenzylphthalate	95	J	29	55.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	3100		30	55.1	220	ug/Kg
218-01-9	Chrysene	3000		31	55.1	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	340		32	55.1	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	3200		48	55.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		49	55.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	2600		40	55.1	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		36	55.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	430		34	55.1	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		41	55.1	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.1	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.905		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	12.784		20-120		32	SPK: -40
4165-62-2	Phenol-d5	21.28		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.804		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.964		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	16.139		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	22.614		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.991		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.617		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.986		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.28		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	24.727		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.67		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	25.336		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5T9	SDG No.:	BG053124
Lab Sample ID:	P2588-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
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
BG061407.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.357		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	26.179		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.746		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.763		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26082	7.872				
1146-65-2	Naphthalene-d8	102036	10.663				
15067-26-2	Acenaphthene-d10	80006	14.505				
1517-22-2	Phenanthrene-d10	185632	17.261				
1719-03-5	Chrysene-d12	191419	21.515				
1520-96-3	Perylene-d12	219614	24.599				
TENTATIVE IDENTIFIED COMPOUNDS							
000814-78-8	3-Buten-2-one, 3-methyl-	440	J			3.036	
000994-05-8	Butane, 2-methoxy-2-methyl-	12000	J			3.077	
	unknown-01	620	J			3.853	
000770-35-4	1-Phenoxypropan-2-ol	320	J			11.403	
007320-53-8	Dibenzofuran, 4-methyl-	290	J			15.851	
000229-95-8	6H-Dibenzo[b,d]-pyran	300	J			15.998	
001730-37-6	9H-Fluorene, 1-methyl-	160	J			16.562	
042224-48-6	2-[2-Phenylethenyl]phenol	210	J			16.791	
000230-17-1	Benzo[c]cinnoline	320	J			16.914	
000132-65-0	Dibenzothiophene	290	J			17.073	
000229-87-8	Phenanthridine	170	J			17.449	
1000383-55-1	2-Methyldibenzothiophene	160	J			17.837	
000610-48-0	Anthracene, 1-methyl-	990	J			18.136	
000832-69-9	Phenanthrene, 1-methyl-	1200	J			18.183	
002531-84-2	Phenanthrene, 2-methyl-	450	J			18.265	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1500	J			18.33	
000832-64-4	Phenanthrene, 4-methyl-	540	J			18.365	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5T9	SDG No.:	BG053124
Lab Sample ID:	P2588-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.1
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
BG061407.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	660	J			18.636	
000084-65-1	9,10-Anthracenedione	520	J			18.683	
003674-69-9	Phenanthrene, 4,5-dimethyl-	310	J			18.877	
001576-67-6	Phenanthrene, 3,6-dimethyl-	210	J			18.929	
085385-68-8	[14]Annulene, 1,6:8,13-bis(methano	220	J			18.971	
003674-66-6	Phenanthrene, 2,5-dimethyl-	870	J			19.053	
	unknown-02	370	J			19.118	
007469-40-1	Naphthalene, 1,2-dihydro-4-phenyl-	170	J			19.147	
005737-13-3	Cyclopenta(def)phenanthrenone	640	J			19.2	
1000080-17-7	7,12-Dihydrobenzo[k]fluoranthene	280	J			23.266	
000192-97-2	Benzo[e]pyrene	480	J			23.871	
000198-55-0	Perylene	1400	J			24.317	
000205-82-3	Benzo[j]fluoranthene	820	J			24.67	
E966796	Total Alkanes	34	U			99	ug/Kg



Client:				Date Collected:	5/22/2024 12:00:00 AM	
Project:				Date Received:	5/22/2024 12:00:00 AM	
Client Sample ID:	BH6D8			SDG No.:	BG053124	
Lab Sample ID:	P2588-13			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	23.2	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061408.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.6	87	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	210	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	55.2	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	86	U	86	110	430	ug/Kg
106-44-5	4-Methylphenol	69	U	69	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.2	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	55.2	220	ug/Kg
98-95-3	Nitrobenzene	83	U	83	55.2	220	ug/Kg
78-59-1	Isophorone	86	U	86	55.2	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	55.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	55.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	55.2	220	ug/Kg
91-20-3	Naphthalene	31	U	31	55.2	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.2	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	55.2	220	ug/Kg
105-60-2	Caprolactam	83	U	83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	55.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	55.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	55.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.2	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D8	SDG No.:	BG053124
Lab Sample ID:	P2588-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061408.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.2	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	55.2	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.2	220	ug/Kg
208-96-8	Acenaphthylene	51	J	38	55.2	220	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	55.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	55.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	55.2	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.2	220	ug/Kg
86-73-7	Fluorene	35	U	35	55.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.2	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	55.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	55.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.2	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	55.2	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	830		35	55.2	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55.2	220	ug/Kg
120-12-7	Anthracene	51	J	32	55.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.2	220	ug/Kg
86-74-8	Carbazole	180	J	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	230		35	55.2	220	ug/Kg
206-44-0	Fluoranthene	2400		25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D8	SDG No.:	BG053124
Lab Sample ID:	P2588-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061408.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2000		23	55.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	29	55.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	950		30	55.2	220	ug/Kg
218-01-9	Chrysene	1400		31	55.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		32	55.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		48	55.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	740		49	55.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	1100		40	55.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	810		36	55.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250		34	55.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	790		42	55.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.995		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	6.831	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	12.625		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.504		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.139		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	6.815		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	14.885		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.882		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.364		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.243		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.006		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	16.098		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.803		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	16.462		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D8	SDG No.:	BG053124
Lab Sample ID:	P2588-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061408.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.76		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	17.587		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	18.073		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.179		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30941	7.871				
1146-65-2	Naphthalene-d8	122879	10.668				
15067-26-2	Acenaphthene-d10	93509	14.51				
1517-22-2	Phenanthrene-d10	213328	17.26				
1719-03-5	Chrysene-d12	215336	21.514				
1520-96-3	Perylene-d12	251393	24.605				
TENTATIVE IDENTIFIED COMPOUNDS							
000765-43-5	Ethanone, 1-cyclopropyl-	360	J			3.036	
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.083	
000079-39-0	Methacrylamide	510	J			3.858	
	(DEL) Alkane: Straight-Chain4.305	97	J			4.305	
056960-89-5	Guanidine, monothiocyanate	130	J			5.074	
000486-25-9	9H-Fluoren-9-one	150	J			16.913	
000610-48-0	Anthracene, 1-methyl-	140	J			18.136	
000057-10-3	n-Hexadecanoic acid	150	J			18.159	
107426-38-0	Naphtho[2,3-b]norbornadiene	200	J			18.324	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	110	J			18.365	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	120	J			18.635	
000084-65-1	9,10-Anthracenedione	580	J			18.682	
000081-84-5	Naphthalic anhydride	340	J			19.07	
005737-13-3	Cyclopenta(def)phenanthrenone	320	J			19.199	
033543-31-6	Fluoranthene, 2-methyl-	120	J			20.004	
003353-12-6	Pyrene, 4-methyl-	89	J			20.333	
000479-79-8	11H-Benzo[a]fluoren-11-one	180	J			20.927	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D8	SDG No.:	BG053124
Lab Sample ID:	P2588-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061408.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000082-05-3	7H-Benz[de]anthracen-7-one	140	J			21.097	
000195-19-7	Benzo[c]phenanthrene	100	J			21.144	
006519-18-2	.beta.-Carboline, 7-methoxy-1,2-di	230	J			21.191	
080252-14-8	6H-Benz[de]anthracen-6-one	250	J			21.256	
002498-66-0	Benz(a)anthracene-7,12-dione	130	J			22.296	
000205-82-3	Benzo[j]fluoranthene	920	J			24.317	
E966796	Total Alkanes	97				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D9	SDG No.:	BG053124
Lab Sample ID:	P2588-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061409.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

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	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	81	U	81	100	400	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	52	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	52	210	ug/Kg
78-59-1	Isophorone	81	U	81	52	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52	210	ug/Kg
91-20-3	Naphthalene	82	J	29	52	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	80	J	29	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	61	J	39	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D9	SDG No.:	BG053124
Lab Sample ID:	P2588-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061409.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	52	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	52	210	ug/Kg
208-96-8	Acenaphthylene	130	J	36	52	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	400	ug/Kg
83-32-9	Acenaphthene	120	J	32	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	130	J	33	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	52	210	ug/Kg
86-73-7	Fluorene	210		33	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	2900		33	52	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52	210	ug/Kg
120-12-7	Anthracene	310		31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52	210	ug/Kg
86-74-8	Carbazole	260	J	42	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52	210	ug/Kg
206-44-0	Fluoranthene	4200	E	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D9	SDG No.:	BG053124
Lab Sample ID:	P2588-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BG061409.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3400	E	22	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	1600		28	52	210	ug/Kg
218-01-9	Chrysene	2000		29	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	500		31	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		45	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	790		47	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	1400		38	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	880		34	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280		32	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	840		39	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.308		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	10.258		20-120		26	SPK: -40
4165-62-2	Phenol-d5	18.292		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.898		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.147		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	8.663		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	23.53		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.661		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.319		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.347		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.092		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	24.512		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.565		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	24.52		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D9	SDG No.:	BG053124
Lab Sample ID:	P2588-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061409.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.628		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	26.203		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	28.023		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.436		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27450	7.873				
1146-65-2	Naphthalene-d8	102174	10.669				
15067-26-2	Acenaphthene-d10	77519	14.506				
1517-22-2	Phenanthrene-d10	180240	17.262				
1719-03-5	Chrysene-d12	179742	21.515				
1520-96-3	Perylene-d12	211441	24.6				
TENTATIVE IDENTIFIED COMPOUNDS							
000814-78-8	3-Buten-2-one, 3-methyl-	370	J			3.043	
000994-05-8	Butane, 2-methoxy-2-methyl-	13000	J			3.084	
000079-39-0	Methacrylamide	500	J			3.86	
007320-53-8	Dibenzofuran, 4-methyl-	120	J			15.852	
001689-64-1	9H-Fluoren-9-ol	120	J			15.998	
000486-25-9	9H-Fluoren-9-one	240	J			16.915	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	100	J			16.985	
000132-65-0	Dibenzothiophene	150	J			17.074	
019835-31-5	Thiazolo[5,4-d]pyrimidine, 5-amino	120	J			17.843	
000610-48-0	Anthracene, 1-methyl-	500	J			18.137	
000832-69-9	Phenanthrene, 1-methyl-	570	J			18.184	
000203-64-5	4H-Cyclopenta[def]phenanthrene	670	J			18.331	
000779-02-2	Anthracene, 9-methyl-	250	J			18.366	
000612-94-2	Naphthalene, 2-phenyl-	310	J			18.637	
000084-65-1	9,10-Anthracenedione	660	J			18.683	
052251-71-5	Anthracene, 2-ethyl-	140	J			18.883	
003674-66-6	Phenanthrene, 2,5-dimethyl-	440	J			19.054	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D9	SDG No.:	BG053124
Lab Sample ID:	P2588-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061409.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005737-13-3	Cyclopenta(def)phenanthrenone	410	J			19.201	
079704-72-6	Nickel, (.eta.5-2,4-cyclopentadien	100	J			19.383	
002381-21-7	Pyrene, 1-methyl-	150	J			20.011	
000238-84-6	11H-Benzo[a]fluorene	110	J			20.176	
003442-78-2	Pyrene, 2-methyl-	120	J			20.334	
000479-79-8	11H-Benzo[a]fluoren-11-one	150	J			20.928	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	120	J			21.098	
000195-19-7	Benzo[c]phenanthrene	100	J			21.145	
	unknown-01	150	J			21.198	
000082-05-3	7H-Benz[de]anthracen-7-one	170	J			21.257	
000652-04-0	Benzo[c]phenanthrene, 5-methyl-	100	J			22.291	
000192-97-2	Benzo[e]pyrene	260	J			23.866	
	unknown-02	1100	J			24.318	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E2	SDG No.:	BG053124
Lab Sample ID:	P2588-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
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
BG061410.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	74	ug/Kg
100-52-7	Benzaldehyde	65	U	65	91.8	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	33	U	33	91.8	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.8	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.3	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.8	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.8	370	ug/Kg
98-86-2	Acetophenone	73	U	73	91.8	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	91.8	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.3	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.3	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.3	190	ug/Kg
78-59-1	Isophorone	73	U	73	47.3	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.3	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.3	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.3	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.3	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.8	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.8	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E2	SDG No.:	BG053124
Lab Sample ID:	P2588-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
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
BG061410.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.3	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.3	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.3	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.3	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.8	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.8	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.8	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.3	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.3	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.3	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.8	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.8	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.3	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.3	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.8	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	91.8	370	ug/Kg
85-01-8	Phenanthrene	93	J	30	47.3	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.3	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.3	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.8	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.3	190	ug/Kg
206-44-0	Fluoranthene	220		21	91.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E2	SDG No.:	BG053124
Lab Sample ID:	P2588-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
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
BG061410.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	20	47.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	47.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	91.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	69	J	26	47.3	190	ug/Kg
218-01-9	Chrysene	120	J	27	47.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.8	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	41	47.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	J	42	47.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	87	J	34	47.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	J	31	47.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92	J	36	47.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.66		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	20.917		20-120		52	SPK: -40
4165-62-2	Phenol-d5	23.318		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.209		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.974		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	21.244		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	24.223		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.092		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.147		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.534		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.847		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	27.534		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.512		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	28.043		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E2	SDG No.:	BG053124
Lab Sample ID:	P2588-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
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
BG061410.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.497		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	31.747		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	31.814		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.576		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27271	7.87				
1146-65-2	Naphthalene-d8	108214	10.666				
15067-26-2	Acenaphthene-d10	81618	14.509				
1517-22-2	Phenanthrene-d10	194712	17.259				
1719-03-5	Chrysene-d12	204748	21.513				
1520-96-3	Perylene-d12	227102	24.597				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			3.081	
000638-53-9	Tridecanoic acid	140	J			18.158	
	(DEL) Alkane: Straight-Chain	140	J			21.178	
000301-02-0	9-Octadecenamide, (Z)-	270	J			22.923	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E3	SDG No.:	BG053124
Lab Sample ID:	P2588-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BG061411.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

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	96.7	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.7	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.8	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.7	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.7	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	49.8	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	49.8	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.8	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.8	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.8	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E3	SDG No.:	BG053124
Lab Sample ID:	P2588-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BG061411.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.8	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.7	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.7	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	96.7	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.8	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.8	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	96.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.8	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.7	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.7	390	ug/Kg
85-01-8	Phenanthrene	380		32	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.8	200	ug/Kg
120-12-7	Anthracene	55	J	29	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.8	200	ug/Kg
86-74-8	Carbazole	48	J	40	96.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.8	200	ug/Kg
206-44-0	Fluoranthene	790		22	96.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E3	SDG No.:	BG053124
Lab Sample ID:	P2588-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BG061411.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	710		21	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	370		27	49.8	200	ug/Kg
218-01-9	Chrysene	420		28	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	29	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		43	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	45	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	390		36	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		33	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	79	J	30	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290		38	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.248		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	12.397		20-120		31	SPK: -40
4165-62-2	Phenol-d5	16.273		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.217		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.979		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	15.653		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	18.593		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.296		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.657		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.897		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.882		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.896		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.093		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	20.477		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E3	SDG No.:	BG053124
Lab Sample ID:	P2588-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BG061411.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.862		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	22.249		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	22.607		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.734		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27827	7.877				
1146-65-2	Naphthalene-d8	108959	10.667				
15067-26-2	Acenaphthene-d10	81737	14.51				
1517-22-2	Phenanthrene-d10	192422	17.26				
1719-03-5	Chrysene-d12	195884	21.514				
1520-96-3	Perylene-d12	223292	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.082	
	unknown-01	130	J			18.159	
000832-69-9	Phenanthrene, 1-methyl-	130	J			18.182	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	140	J			18.329	
000084-65-1	9,10-Anthracenedione	84	J			18.682	
002789-88-0	di-p-Tolylacetylene	110	J			19.052	
1000278-26-8	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-o	91	J			19.193	
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	2200	J			20.668	
	unknown-02	190	J			21.179	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			21.249	
003351-28-8	Chrysene, 1-methyl-	90	J			22.283	
014811-95-1	1,19-Eicosadiene	190	J			23.276	
036653-82-4	1-Hexadecanol	110	J			23.782	
000192-97-2	Benzo[e]pyrene	170	J			24.31	
	(DEL) Alkane: Straight-Chain	25.679	J			25.679	
E966796	Total Alkanes	340				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E4	SDG No.:	BG053124
Lab Sample ID:	P2588-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
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
BG061412.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	74	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	33	U	33	92	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	92	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.4	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.4	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.4	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.4	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.4	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.4	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.4	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.4	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.4	190	ug/Kg
105-60-2	Caprolactam	71	U	71	92	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E4	SDG No.:	BG053124
Lab Sample ID:	P2588-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
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
BG061412.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.4	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.4	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	92	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.4	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.4	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.4	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	92	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.4	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.4	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	92	370	ug/Kg
85-01-8	Phenanthrene	370		30	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.4	190	ug/Kg
120-12-7	Anthracene	57	J	28	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.4	190	ug/Kg
86-74-8	Carbazole	39	J	38	92	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.4	190	ug/Kg
206-44-0	Fluoranthene	730		21	92	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E4	SDG No.:	BG053124
Lab Sample ID:	P2588-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
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
BG061412.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	650		20	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92	370	ug/Kg
56-55-3	Benzo(a)anthracene	330		26	47.4	190	ug/Kg
218-01-9	Chrysene	380		27	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	46	J	28	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	480		41	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	42	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	360		35	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		31	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	J	29	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		36	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.799		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	14.206		20-120		36	SPK: -40
4165-62-2	Phenol-d5	15.995		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.691		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.601		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	15.095		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	18.55		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.345		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.2		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.592		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.393		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	20.425		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.707		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	20.706		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E4	SDG No.:	BG053124
Lab Sample ID:	P2588-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
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
BG061412.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.96		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	22.607		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.499		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.498		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28072	7.876				
1146-65-2	Naphthalene-d8	109150	10.667				
15067-26-2	Acenaphthene-d10	80896	14.51				
1517-22-2	Phenanthrene-d10	190346	17.259				
1719-03-5	Chrysene-d12	191743	21.513				
1520-96-3	Perylene-d12	218746	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.082	
000832-69-9	Phenanthrene, 1-methyl-	93	J			18.135	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b-dihydro	100	J			18.182	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	120	J			18.329	
002789-88-0	di-p-Tolylacetylene	88	J			19.057	
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	380	J			20.661	
027208-37-3	Cyclopenta[cd]pyrene	75	J			21.19	
000301-02-0	9-Octadecenamide, (Z)-	120	J			22.917	
000192-97-2	Benzo[e]pyrene	190	J			24.316	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E6	SDG No.:	BG053124
Lab Sample ID:	P2588-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061413.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	94.2	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.2	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.5	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	94.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.2	380	ug/Kg
98-86-2	Acetophenone	75	U	75	94.2	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.5	190	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.5	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.5	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.5	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.5	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E6	SDG No.:	BG053124
Lab Sample ID:	P2588-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061413.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.5	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	94.2	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.2	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.2	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.5	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.5	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	94.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	94.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.5	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.2	380	ug/Kg
85-01-8	Phenanthrene	520		31	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.5	190	ug/Kg
120-12-7	Anthracene	74	J	29	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.5	190	ug/Kg
86-74-8	Carbazole	57	J	39	94.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.5	190	ug/Kg
206-44-0	Fluoranthene	1200		22	94.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E6	SDG No.:	BG053124
Lab Sample ID:	P2588-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061413.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		21	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	94.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	570		26	48.5	190	ug/Kg
218-01-9	Chrysene	640		27	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	J	29	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	820		42	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		43	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	610		35	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		32	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	30	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	420		37	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.595		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	16.497		20-120		41	SPK: -40
4165-62-2	Phenol-d5	18.143		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.815		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.947		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	16.258		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	20.365		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.714		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.186		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.405		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.228		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.424		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.17		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	23.905		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6E6	SDG No.:	BG053124
Lab Sample ID:	P2588-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061413.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.582		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	27.853		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	27.616		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.852		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25312	7.872				
1146-65-2	Naphthalene-d8	102373	10.663				
15067-26-2	Acenaphthene-d10	77906	14.506				
1517-22-2	Phenanthrene-d10	176001	17.256				
1719-03-5	Chrysene-d12	180839	21.515				
1520-96-3	Perylene-d12	205725	24.594				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.078	
000610-48-0	Anthracene, 1-methyl-	120	J			18.137	
000613-12-7	Anthracene, 2-methyl-	160	J			18.184	
083469-43-6	6H-Cyclobuta[jk]phenanthrene	190	J			18.331	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	93	J			18.636	
000084-65-1	9,10-Anthracenedione	130	J			18.683	
000483-87-4	Phenanthrene, 1,7-dimethyl-	140	J			19.053	
005737-13-3	Cyclopenta(def)phenanthrenone	110	J			19.2	
002381-21-7	Pyrene, 1-methyl-	91	J			20.176	
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	270	J			20.663	
000301-02-0	9-Octadecenamide, (Z)-	260	J			22.919	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH619	SDG No.:	BG053124
Lab Sample ID:	P2549-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061414.D	1	5/24/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.4	85	ug/Kg
100-52-7	Benzaldehyde	74	U	74	100	420	ug/Kg
110-86-1	Pyridine	98	U	98	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	36	U	36	54	220	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	84	U	84	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	54	220	ug/Kg
67-72-1	Hexachloroethane	77	U	77	54	220	ug/Kg
98-95-3	Nitrobenzene	81	U	81	54	220	ug/Kg
78-59-1	Isophorone	84	U	84	54	220	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	54	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	54	220	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	54	220	ug/Kg
91-20-3	Naphthalene	30	U	30	54	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	54	220	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	54	220	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	54	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	54	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	54	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	54	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH619	SDG No.:	BG053124
Lab Sample ID:	P2549-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061414.D	1	5/24/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	54	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54	220	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	54	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	54	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	54	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54	220	ug/Kg
99-09-2	3-Nitroaniline	84	U	84	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	54	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	54	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	54	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54	220	ug/Kg
86-73-7	Fluorene	34	U	34	54	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	54	220	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	54	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	54	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54	220	ug/Kg
1912-24-9	Atrazine	36	U	36	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	510		34	54	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	54	220	ug/Kg
120-12-7	Anthracene	54	J	32	54	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54	220	ug/Kg
86-74-8	Carbazole	50	J	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	54	220	ug/Kg
206-44-0	Fluoranthene	1200		24	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH619	SDG No.:	BG053124
Lab Sample ID:	P2549-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061414.D	1	5/24/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		23	54	220	ug/Kg
85-68-7	Butylbenzylphthalate	100	J	28	54	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	600		29	54	220	ug/Kg
218-01-9	Chrysene	710		30	54	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360		32	54	220	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	900		47	54	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	310		48	54	220	ug/Kg
50-32-8	Benzo(a)pyrene	650		39	54	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390		36	54	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	33	54	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410		41	54	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54	220	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	7.388	*	20-120		18	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.617		15-120		45	SPK: -8
4165-62-2	Phenol-d5	16.359		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.279		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.184		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	12.654		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	18.454		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.378		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.148		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.024		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.699		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.777		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.617		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	19.727		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH619	SDG No.:	BG053124
Lab Sample ID:	P2549-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061414.D	1	5/24/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.81		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	20.83		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	21.207		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.421		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33376	7.873				
1146-65-2	Naphthalene-d8	131534	10.664				
15067-26-2	Acenaphthene-d10	97709	14.506				
1517-22-2	Phenanthrene-d10	228212	17.256				
1719-03-5	Chrysene-d12	229179	21.516				
1520-96-3	Perylene-d12	267962	24.6				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	10000	J			3.079	
	unknown-01	170	J			3.854	
000832-69-9	Phenanthrene, 1-methyl-	220	J			18.137	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	180	J			18.184	
000203-64-5	4H-Cyclopenta[def]phenanthrene	220	J			18.326	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	85	J			18.367	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	97	J			18.631	
000084-65-1	9,10-Anthracenedione	140	J			18.684	
000781-43-1	9,10-Dimethylantracene	180	J			19.054	
005737-13-3	Cyclopenta(def)phenanthrenone	140	J			19.195	
002381-21-7	Pyrene, 1-methyl-	98	J			20.006	
000243-17-4	11H-Benzo[b]fluorene	110	J			20.17	
027208-37-3	Cyclopenta[cd]pyrene	140	J			21.193	
000479-79-8	11H-Benzo[a]fluoren-11-one	85	J			21.251	
002541-69-7	Benz[a]anthracene, 7-methyl-	89	J			22.285	
000192-97-2	Benzo[e]pyrene	140	J			23.872	
	unknown-02	430	J			24.318	

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH619	SDG No.:	BG053124
Lab Sample ID:	P2549-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061414.D	1	5/24/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBN1DL	SDG No.:	BG053124
Lab Sample ID:	P2549-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BG061415.D	5	5/24/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	170	U	170	40.7	410	ug/Kg
100-52-7	Benzaldehyde	360	U	360	510	2000	ug/Kg
110-86-1	Pyridine	470	U	470	1000	2000	ug/Kg
108-95-2	Phenol	180	U	180	510	2000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	180	U	180	510	2000	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	260	1000	ug/Kg
95-48-7	2-Methylphenol	190	U	190	510	2000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	250	U	250	510	2000	ug/Kg
98-86-2	Acetophenone	410	U	410	510	2000	ug/Kg
106-44-5	4-Methylphenol	330	U	330	510	2000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	490	U	490	260	1000	ug/Kg
67-72-1	Hexachloroethane	380	U	380	260	1000	ug/Kg
98-95-3	Nitrobenzene	390	U	390	260	1000	ug/Kg
78-59-1	Isophorone	410	U	410	260	1000	ug/Kg
88-75-5	2-Nitrophenol	370	U	370	260	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	260	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	280	U	280	260	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	260	1000	ug/Kg
91-20-3	Naphthalene	340	JD	150	260	1000	ug/Kg
106-47-8	4-Chloroaniline	220	U	220	260	2000	ug/Kg
87-68-3	Hexachlorobutadiene	220	U	220	260	1000	ug/Kg
105-60-2	Caprolactam	390	U	390	510	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	260	1000	ug/Kg
90-12-0	1-Methylnaphthalene	150	U	150	260	1000	ug/Kg
91-57-6	2-Methylnaphthalene	220	JD	200	260	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	600	U	600	510	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	260	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	200	U	200	260	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBN1DL	SDG No.:	BG053124
Lab Sample ID:	P2549-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BG061415.D	5	5/24/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	U	160	260	1000	ug/Kg
91-58-7	2-Chloronaphthalene	200	U	200	260	1000	ug/Kg
88-74-4	2-Nitroaniline	280	U	280	260	1000	ug/Kg
131-11-3	Dimethylphthalate	180	U	180	260	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	260	1000	ug/Kg
208-96-8	Acenaphthylene	380	JD	180	260	1000	ug/Kg
99-09-2	3-Nitroaniline	410	U	410	510	2000	ug/Kg
83-32-9	Acenaphthene	360	JD	160	260	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	510	2000	ug/Kg
100-02-7	4-Nitrophenol	270	U	270	510	2000	ug/Kg
132-64-9	Dibenzofuran	420	JD	170	260	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	220	U	220	260	1000	ug/Kg
84-66-2	Diethylphthalate	200	U	200	260	1000	ug/Kg
86-73-7	Fluorene	520	JD	170	260	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	260	1000	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	510	2000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	510	2000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	U	150	260	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	210	260	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	260	1000	ug/Kg
118-74-1	Hexachlorobenzene	170	U	170	260	1000	ug/Kg
1912-24-9	Atrazine	170	U	170	510	2000	ug/Kg
87-86-5	Pentachlorophenol	540	U	540	510	2000	ug/Kg
85-01-8	Phenanthrene	6700	D	170	260	1000	ug/Kg
608-93-5	Pentachlorobenzene	230	U	230	260	1000	ug/Kg
120-12-7	Anthracene	1100	D	150	260	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	260	1000	ug/Kg
86-74-8	Carbazole	720	JD	210	510	2000	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	260	1000	ug/Kg
206-44-0	Fluoranthene	9000	D	120	510	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBN1DL	SDG No.:	BG053124
Lab Sample ID:	P2549-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BG061415.D	5	5/24/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	7400	D	110	260	1000	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	260	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	510	2000	ug/Kg
56-55-3	Benzo(a)anthracene	4100	D	140	260	1000	ug/Kg
218-01-9	Chrysene	4800	D	150	260	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	260	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	300	U	300	510	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	5400	D	230	260	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900	D	230	260	1000	ug/Kg
50-32-8	Benzo(a)pyrene	3900	D	190	260	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200	D	170	260	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	740	JD	160	260	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2400	D	200	260	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	220	260	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	14.695		20-120		37	SPK: -40
4165-62-2	Phenol-d5	22.165		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.235		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.255		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	18.88		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	20.87		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.145		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.365		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.54		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.13		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	23.425		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.645		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	23.24		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBN1DL	SDG No.:	BG053124
Lab Sample ID:	P2549-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BG061415.D	5	5/24/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.765		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	24.86		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	24.82		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.885		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28829	7.87				
1146-65-2	Naphthalene-d8	120836	10.667				
15067-26-2	Acenaphthene-d10	99915	14.509				
1517-22-2	Phenanthrene-d10	238111	17.259				
1719-03-5	Chrysene-d12	242284	21.513				
1520-96-3	Perylene-d12	283762	24.603				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	13000	JD			3.07	
000486-25-9	9H-Fluoren-9-one	480	JD			16.912	
000610-48-0	Anthracene, 1-methyl-	1200	JD			18.134	
000832-69-9	Phenanthrene, 1-methyl-	1500	JD			18.187	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1600	JD			18.334	
000613-12-7	Anthracene, 2-methyl-	700	JD			18.369	
000612-94-2	Naphthalene, 2-phenyl-	650	JD			18.634	
000084-65-1	9,10-Anthracenedione	940	JD			18.681	
022360-62-9	1-Methyl-3-phenyl-1H-indene	570	JD			18.881	
003674-66-6	Phenanthrene, 2,5-dimethyl-	860	JD			19.051	
005737-13-3	Cyclopenta(def)phenanthrenone	980	JD			19.198	
002381-21-7	Pyrene, 1-methyl-	620	JD			20.003	
000243-17-4	11H-Benzo[b]fluorene	460	JD			20.173	
003442-78-2	Pyrene, 2-methyl-	540	JD			20.332	
000479-79-8	11H-Benzo[a]fluoren-11-one	610	JD			20.931	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	460	JD			21.102	
1000115-87-3	Benzene, [4-(3-ethynylphenyl)-1,3-	550	JD			21.196	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBN1DL	SDG No.:	BG053124
Lab Sample ID:	P2549-23DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BG061415.D	5	5/24/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000082-05-3	7H-Benz[de]anthracen-7-one	690	JD			21.254	
002541-69-7	Benz[a]anthracene, 7-methyl-	410	JD			22.218	
000198-55-0	Perylene	770	JD			23.875	
000192-97-2	Benzo[e]pyrene	2800	JD			24.316	
E966796	Total Alkanes	160	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SLCS127	SDG No.:	BG053124
Lab Sample ID:	PB161127BS	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
BG061416.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	360		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	960		58	82.5	330	ug/Kg
110-86-1	Pyridine	840		77	170	330	ug/Kg
108-95-2	Phenol	810		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	790		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	860		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	770		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	710		40	82.5	330	ug/Kg
98-86-2	Acetophenone	740		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	760		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	670		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	800		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	850		64	42.5	170	ug/Kg
78-59-1	Isophorone	740		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	880		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	650		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	800		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	920		38	42.5	170	ug/Kg
91-20-3	Naphthalene	870		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	730		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	880		35	42.5	170	ug/Kg
105-60-2	Caprolactam	750		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	810		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	830		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	840		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	J	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	960		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SLCS127	SDG No.:	BG053124
Lab Sample ID:	PB161127BS	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
BG061416.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	880		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	910		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	840		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	760		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	830		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	830		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	930		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	860		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	670		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	810		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	860		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	840		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	760		33	42.5	170	ug/Kg
86-73-7	Fluorene	840		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	820		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	960		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	780		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	910		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	930		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	900		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	930		28	42.5	170	ug/Kg
1912-24-9	Atrazine	870		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	810		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	890		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	960		37	42.5	170	ug/Kg
120-12-7	Anthracene	860		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		17	42.5	170	ug/Kg
86-74-8	Carbazole	920		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	880		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	870		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SLCS127	SDG No.:	BG053124
Lab Sample ID:	PB161127BS	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
BG061416.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	880		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	900		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	950		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	880		23	42.5	170	ug/Kg
218-01-9	Chrysene	890		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	870		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	850		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	860		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	780		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	880		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	890		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	850		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	910		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.664		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	26.345		20-120		66	SPK: -40
4165-62-2	Phenol-d5	25.195		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.596		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.892		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	24.038		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	27.829		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.67		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.956		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.724		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.522		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	26.954		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.61		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	26.321		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SLCS127	SDG No.:	BG053124
Lab Sample ID:	PB161127BS	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
BG061416.D	1	5/25/2024 12:00:00 AM	6/1/2024 12:00:00 AM	PB161127

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.085		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	27.782		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	27.36		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.81		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30430	7.871				
1146-65-2	Naphthalene-d8	118023	10.668				
15067-26-2	Acenaphthene-d10	94077	14.51				
1517-22-2	Phenanthrene-d10	219985	17.26				
1719-03-5	Chrysene-d12	234722	21.514				
1520-96-3	Perylene-d12	270248	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH619								
P2549-02	BH619	Solid	11H-Benzo[a]fluoren-11-one	*	85.000	J		
P2549-02	BH619	Solid	11H-Benzo[b]fluorene	*	110.000	J		
P2549-02	BH619	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	180.000	J		
P2549-02	BH619	Solid	4H-Cyclopenta[def]phenanthrene	*	220.000	J		
P2549-02	BH619	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	97.000	J		
P2549-02	BH619	Solid	5H-Dibenzo[a,d]cycloheptene	*	85.000	J		
P2549-02	BH619	Solid	9,10-Anthracenedione	*	140.000	J		
P2549-02	BH619	Solid	9,10-Dimethylanthracene	*	180.000	J		
P2549-02	BH619	Solid	Benz[a]anthracene, 7-methyl-	*	89.000	J		
P2549-02	BH619	Solid	Benzo[e]pyrene	*	140.000	J		
P2549-02	BH619	Solid	Butane, 2-methoxy-2-methyl-	*	10,000.000	J		
P2549-02	BH619	Solid	Cyclopenta(def)phenanthrenone	*	140.000	J		
P2549-02	BH619	Solid	Cyclopenta[cd]pyrene	*	140.000	J		
P2549-02	BH619	Solid	Phenanthrene, 1-methyl-	*	220.000	J		
P2549-02	BH619	Solid	Pyrene, 1-methyl-	*	98.000	J		
P2549-02	BH619	Solid	unknown-01	*	170.000	J		
P2549-02	BH619	Solid	unknown-02	*	430.000	J		
P2549-02	BH619	Solid	Total Alkanes	*	0.000	33	220	ug/Kg
Total Tics :					12,524.00			
P2549-02	BH619	Solid	Anthracene		54.000	J 32	220	ug/Kg
P2549-02	BH619	Solid	Benzo(a)anthracene		600.000	29	220	ug/Kg
P2549-02	BH619	Solid	Benzo(a)pyrene		650.000	39	220	ug/Kg
P2549-02	BH619	Solid	Benzo(b)fluoranthene		900.000	47	220	ug/Kg
P2549-02	BH619	Solid	Benzo(g,h,i)perylene		410.000	41	220	ug/Kg
P2549-02	BH619	Solid	Benzo(k)fluoranthene		310.000	48	220	ug/Kg
P2549-02	BH619	Solid	Bis(2-ethylhexyl)phthalate		360.000	32	220	ug/Kg
P2549-02	BH619	Solid	Butylbenzylphthalate		100.000	J 28	220	ug/Kg
P2549-02	BH619	Solid	Carbazole		50.000	J 43	420	ug/Kg
P2549-02	BH619	Solid	Chrysene		710.000	30	220	ug/Kg
P2549-02	BH619	Solid	Dibenzo(a,h)anthracene		130.000	J 33	220	ug/Kg
P2549-02	BH619	Solid	Fluoranthene		1,200.000	24	220	ug/Kg
P2549-02	BH619	Solid	Indeno(1,2,3-cd)pyrene		390.000	36	220	ug/Kg
P2549-02	BH619	Solid	Phenanthrene		510.000	34	220	ug/Kg
P2549-02	BH619	Solid	Pyrene		1,100.000	23	220	ug/Kg
Total Svoc :					7,474.00			
Total Concentration:					19,998.00			

Client ID : BHBN1DL

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-23DL	BHBN1DL	Solid	1-Methyl-3-phenyl-1H-indene	*	570.000	JD		
P2549-23DL	BHBN1DL	Solid	11H-Benzo[a]fluoren-11-one	*	610.000	JD		
P2549-23DL	BHBN1DL	Solid	11H-Benzo[b]fluorene	*	460.000	JD		
P2549-23DL	BHBN1DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,600.000	JD		
P2549-23DL	BHBN1DL	Solid	7H-Benz[de]anthracen-7-one	*	690.000	JD		
P2549-23DL	BHBN1DL	Solid	9,10-Anthracenedione	*	940.000	JD		
P2549-23DL	BHBN1DL	Solid	9H-Fluoren-9-one	*	480.000	JD		
P2549-23DL	BHBN1DL	Solid	Anthracene, 1-methyl-	*	1,200.000	JD		
P2549-23DL	BHBN1DL	Solid	Anthracene, 2-methyl-	*	700.000	JD		
P2549-23DL	BHBN1DL	Solid	Benz[a]anthracene, 7-methyl-	*	410.000	JD		
P2549-23DL	BHBN1DL	Solid	Benzene, [4-(3-ethynylphenyl)-1,3,5-trisubstituted]	*	550.000	JD		
P2549-23DL	BHBN1DL	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	460.000	JD		
P2549-23DL	BHBN1DL	Solid	Benzo[e]pyrene	*	2,800.000	JD		
P2549-23DL	BHBN1DL	Solid	Butane, 2-methoxy-2-methyl-	*	13,000.000	JD		
P2549-23DL	BHBN1DL	Solid	Cyclopenta(def)phenanthrenone	*	980.000	JD		
P2549-23DL	BHBN1DL	Solid	Naphthalene, 2-phenyl-	*	650.000	JD		
P2549-23DL	BHBN1DL	Solid	Perylene	*	770.000	JD		
P2549-23DL	BHBN1DL	Solid	Phenanthrene, 1-methyl-	*	1,500.000	JD		
P2549-23DL	BHBN1DL	Solid	Phenanthrene, 2,5-dimethyl-	*	860.000	JD		
P2549-23DL	BHBN1DL	Solid	Pyrene, 1-methyl-	*	620.000	JD		
P2549-23DL	BHBN1DL	Solid	Pyrene, 2-methyl-	*	540.000	JD		
P2549-23DL	BHBN1DL	Solid	Total Alkanes	*	0.000	D 160	1000	ug/Kg
Total Tics :				30,390.00				
P2549-23DL	BHBN1DL	Solid	2-Methylnaphthalene		220.000	JD 200	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Acenaphthene		360.000	JD 160	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Acenaphthylene		380.000	JD 180	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Anthracene		1,100.000	D 150	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Benzo(a)anthracene		4,100.000	D 140	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Benzo(a)pyrene		3,900.000	D 190	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Benzo(b)fluoranthene		5,400.000	D 230	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Benzo(g,h,i)perylene		2,400.000	D 200	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Benzo(k)fluoranthene		1,900.000	D 230	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Carbazole		720.000	JD 210	2000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Chrysene		4,800.000	D 150	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Dibenzo(a,h)anthracene		740.000	JD 160	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Dibenzofuran		420.000	JD 170	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Fluoranthene		9,000.000	D 120	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Fluorene		520.000	JD 170	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Indeno(1,2,3-cd)pyrene		2,200.000	D 170	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Naphthalene		340.000	JD 150	1000	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2549-23DL	BHBN1DL	Solid	Phenanthrene	6,700.000	D	170	1000	ug/Kg
P2549-23DL	BHBN1DL	Solid	Pyrene	7,400.000	D	110	1000	ug/Kg
Total Svoc :				52,600.00				
Total Concentration:				82,990.00				
Client ID : BH5S3								
P2588-02	BH5S3	Solid	(DEL) Alkane: Straight-Chain25.6	100.000	J			
P2588-02	BH5S3	Solid	1-Phenoxypropan-2-ol	300.000	J			
P2588-02	BH5S3	Solid	11H-Benzo[b]fluorene	87.000	J			
P2588-02	BH5S3	Solid	5H-Dibenzo[a,d]cycloheptene	91.000	J			
P2588-02	BH5S3	Solid	6H-Cyclobuta[jk]phenanthrene	140.000	J			
P2588-02	BH5S3	Solid	9-Octadecenamide, (Z)-	120.000	J			
P2588-02	BH5S3	Solid	Benzo[ghi]fluoranthene	150.000	J			
P2588-02	BH5S3	Solid	Benzo[j]fluoranthene	180.000	J			
P2588-02	BH5S3	Solid	Butane, 2-methoxy-2-methyl-	15,000.000	J			
P2588-02	BH5S3	Solid	Cyclopenta(def)phenanthrenone	98.000	J			
P2588-02	BH5S3	Solid	di-p-Tolylacetylene	100.000	J			
P2588-02	BH5S3	Solid	Ethanol, 2-butoxy-, phosphate (3:1)	430.000	J			
P2588-02	BH5S3	Solid	Isopropyl Alcohol	380.000	J			
P2588-02	BH5S3	Solid	Methacrylamide	110.000	J			
P2588-02	BH5S3	Solid	Pentanedioic acid, dimethyl ester	130.000	J			
P2588-02	BH5S3	Solid	Perylene	390.000	J			
P2588-02	BH5S3	Solid	Phenanthrene, 2-methyl-	130.000	J			
P2588-02	BH5S3	Solid	Total Alkanes	100.000		33	210	ug/Kg
Total Tics :				18,036.00				
P2588-02	BH5S3	Solid	Anthracene	66.000	J	31	210	ug/Kg
P2588-02	BH5S3	Solid	Benzo(a)anthracene	570.000		29	210	ug/Kg
P2588-02	BH5S3	Solid	Benzo(a)pyrene	580.000		39	210	ug/Kg
P2588-02	BH5S3	Solid	Benzo(b)fluoranthene	810.000		47	210	ug/Kg
P2588-02	BH5S3	Solid	Benzo(g,h,i)perylene	320.000		40	210	ug/Kg
P2588-02	BH5S3	Solid	Benzo(k)fluoranthene	250.000		48	210	ug/Kg
P2588-02	BH5S3	Solid	Bis(2-ethylhexyl)phthalate	71.000	J	31	210	ug/Kg
P2588-02	BH5S3	Solid	Carbazole	53.000	J	43	420	ug/Kg
P2588-02	BH5S3	Solid	Chrysene	590.000		30	210	ug/Kg
P2588-02	BH5S3	Solid	Dibenzo(a,h)anthracene	110.000	J	33	210	ug/Kg
P2588-02	BH5S3	Solid	Fluoranthene	940.000		24	210	ug/Kg
P2588-02	BH5S3	Solid	Indeno(1,2,3-cd)pyrene	310.000		35	210	ug/Kg
P2588-02	BH5S3	Solid	Phenanthrene	420.000		34	210	ug/Kg
P2588-02	BH5S3	Solid	Pyrene	850.000		23	210	ug/Kg
Total Svoc :				5,940.00				

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				23,976.00				
Client ID : BH5S4								
P2588-03	BH5S4	Solid	1-Phenoxypropan-2-ol	*	250.000	J		
P2588-03	BH5S4	Solid	4H-Cyclopenta[def]phenanthrene	*	190.000	J		
P2588-03	BH5S4	Solid	Benzo[e]pyrene	*	490.000	J		
P2588-03	BH5S4	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P2588-03	BH5S4	Solid	Cyclopenta(def)phenanthrenone	*	96.000	J		
P2588-03	BH5S4	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	86.000	J		
P2588-03	BH5S4	Solid	Perylene	*	150.000	J		
P2588-03	BH5S4	Solid	Phenanthrene, 1-methyl-	*	160.000	J		
P2588-03	BH5S4	Solid	Phenanthrene, 2-methyl-	*	120.000	J		
P2588-03	BH5S4	Solid	Phenanthrene, 3,6-dimethyl-	*	110.000	J		
P2588-03	BH5S4	Solid	Pyrene, 1-methyl-	*	170.000	J		
P2588-03	BH5S4	Solid	unknown-01	*	400.000	J		
P2588-03	BH5S4	Solid	unknown-02	*	110.000	J		
P2588-03	BH5S4	Solid	unknown-03	*	120.000	J		
P2588-03	BH5S4	Solid	unknown-04	*	240.000	J		
P2588-03	BH5S4	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
Total Tics :				3,992.00				
P2588-03	BH5S4	Solid	Anthracene		140.000	J 29	200	ug/Kg
P2588-03	BH5S4	Solid	Benzo(a)anthracene		930.000	27	200	ug/Kg
P2588-03	BH5S4	Solid	Benzo(a)pyrene		860.000	36	200	ug/Kg
P2588-03	BH5S4	Solid	Benzo(b)fluoranthene		1,200.000	43	200	ug/Kg
P2588-03	BH5S4	Solid	Benzo(g,h,i)perylene		510.000	37	200	ug/Kg
P2588-03	BH5S4	Solid	Benzo(k)fluoranthene		360.000	44	200	ug/Kg
P2588-03	BH5S4	Solid	Carbazole		110.000	J 40	380	ug/Kg
P2588-03	BH5S4	Solid	Chrysene		990.000	28	200	ug/Kg
P2588-03	BH5S4	Solid	Dibenzo(a,h)anthracene		140.000	J 30	200	ug/Kg
P2588-03	BH5S4	Solid	Fluoranthene		1,600.000	22	200	ug/Kg
P2588-03	BH5S4	Solid	Indeno(1,2,3-cd)pyrene		430.000	33	200	ug/Kg
P2588-03	BH5S4	Solid	Phenanthrene		680.000	31	200	ug/Kg
P2588-03	BH5S4	Solid	Pyrene		1,400.000	21	200	ug/Kg
Total Svoc :				9,350.00				
Total Concentration:				13,342.00				
Client ID : BH5S5								
P2588-04	BH5S5	Solid	(DEL) Alkane: Cyclic21.178	*	90.000	J		
P2588-04	BH5S5	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P2588-04	BH5S5	Solid	11H-Benzo[b]fluorene	*	80.000	J		
P2588-04	BH5S5	Solid	Benzo[e]pyrene	*	100.000	J		

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-04	BH5S5	Solid	Butane, 2-methoxy-2-methyl-	*	990.000	J		
P2588-04	BH5S5	Solid	Ethylene glycol monoisobutyl eth	*	85.000	J		
P2588-04	BH5S5	Solid	unknown-01	*	340.000	J		
P2588-04	BH5S5	Solid	Total Alkanes	*	90.000	30	200	ug/Kg
Total Tics :				1,975.00				
P2588-04	BH5S5	Solid	Benzo(a)anthracene		150.000	J 27	200	ug/Kg
P2588-04	BH5S5	Solid	Benzo(a)pyrene		150.000	J 36	200	ug/Kg
P2588-04	BH5S5	Solid	Benzo(b)fluoranthene		190.000	J 43	200	ug/Kg
P2588-04	BH5S5	Solid	Benzo(g,h,i)perylene		110.000	J 37	200	ug/Kg
P2588-04	BH5S5	Solid	Benzo(k)fluoranthene		69.000	J 44	200	ug/Kg
P2588-04	BH5S5	Solid	Chrysene		160.000	J 28	200	ug/Kg
P2588-04	BH5S5	Solid	Fluoranthene		320.000	22	200	ug/Kg
P2588-04	BH5S5	Solid	Indeno(1,2,3-cd)pyrene		89.000	J 33	200	ug/Kg
P2588-04	BH5S5	Solid	Phenanthrene		190.000	J 32	200	ug/Kg
P2588-04	BH5S5	Solid	Pyrene		290.000	21	200	ug/Kg
Total Svoc :				1,718.00				
Total Concentration:				3,693.00				
Client ID : BH5S6								
P2588-07	BH5S6	Solid	(DEL) Alkane: Cyclic21.173	*	100.000	J		
P2588-07	BH5S6	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P2588-07	BH5S6	Solid	Butane, 2-methoxy-2-methyl-	*	950.000	J		
P2588-07	BH5S6	Solid	unknown-01	*	190.000	J		
P2588-07	BH5S6	Solid	Total Alkanes	*	100.000	31	200	ug/Kg
Total Tics :				1,470.00				
P2588-07	BH5S6	Solid	Benzo(a)anthracene		120.000	J 27	200	ug/Kg
P2588-07	BH5S6	Solid	Benzo(a)pyrene		140.000	J 37	200	ug/Kg
P2588-07	BH5S6	Solid	Benzo(b)fluoranthene		200.000	44	200	ug/Kg
P2588-07	BH5S6	Solid	Benzo(g,h,i)perylene		98.000	J 38	200	ug/Kg
P2588-07	BH5S6	Solid	Benzo(k)fluoranthene		52.000	J 45	200	ug/Kg
P2588-07	BH5S6	Solid	Chrysene		150.000	J 28	200	ug/Kg
P2588-07	BH5S6	Solid	Fluoranthene		280.000	23	200	ug/Kg
P2588-07	BH5S6	Solid	Indeno(1,2,3-cd)pyrene		84.000	J 33	200	ug/Kg
P2588-07	BH5S6	Solid	Phenanthrene		150.000	J 32	200	ug/Kg
P2588-07	BH5S6	Solid	Pyrene		250.000	21	200	ug/Kg
Total Svoc :				1,524.00				
Total Concentration:				2,994.00				
Client ID : BH5S7								
P2588-08	BH5S7	Solid	1-Phenoxypropan-2-ol	*	250.000	J		
P2588-08	BH5S7	Solid	11H-Benzo[b]fluorene	*	100.000	J		
P2588-08	BH5S7	Solid	4H-Cyclopenta[def]phenanthrene	*	220.000	J		

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-08	BH5S7	Solid	5(10H)-Pyrido[3,4-b]quinolone, 7	*	130.000	J		
P2588-08	BH5S7	Solid	9H-Fluoren-9-one	*	94.000	J		
P2588-08	BH5S7	Solid	Benzo[e]pyrene	*	86.000	J		
P2588-08	BH5S7	Solid	Benzo[j]fluoranthene	*	250.000	J		
P2588-08	BH5S7	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P2588-08	BH5S7	Solid	Cyclopenta(def)phenanthrenone	*	130.000	J		
P2588-08	BH5S7	Solid	Phenanthrene, 1-methyl-	*	140.000	J		
P2588-08	BH5S7	Solid	Phenanthrene, 2-methyl-	*	170.000	J		
P2588-08	BH5S7	Solid	Phenanthrene, 3,6-dimethyl-	*	110.000	J		
P2588-08	BH5S7	Solid	Pyrene, 1-methyl-	*	93.000	J		
P2588-08	BH5S7	Solid	R-(-)-1,2-propanediol	*	570.000	J		
P2588-08	BH5S7	Solid	unknown-01	*	100.000	J		
P2588-08	BH5S7	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :					4,143.00			
P2588-08	BH5S7	Solid	Anthracene		71.000	J	31	210 ug/Kg
P2588-08	BH5S7	Solid	Benzo(a)anthracene		450.000		28	210 ug/Kg
P2588-08	BH5S7	Solid	Benzo(a)pyrene		450.000		38	210 ug/Kg
P2588-08	BH5S7	Solid	Benzo(b)fluoranthene		570.000		45	210 ug/Kg
P2588-08	BH5S7	Solid	Benzo(g,h,i)perylene		310.000		39	210 ug/Kg
P2588-08	BH5S7	Solid	Benzo(k)fluoranthene		220.000		47	210 ug/Kg
P2588-08	BH5S7	Solid	Carbazole		66.000	J	42	410 ug/Kg
P2588-08	BH5S7	Solid	Chrysene		490.000		29	210 ug/Kg
P2588-08	BH5S7	Solid	Dibenzo(a,h)anthracene		87.000	J	32	210 ug/Kg
P2588-08	BH5S7	Solid	Fluoranthene		1,000.000		23	210 ug/Kg
P2588-08	BH5S7	Solid	Fluorene		52.000	J	33	210 ug/Kg
P2588-08	BH5S7	Solid	Indeno(1,2,3-cd)pyrene		260.000		34	210 ug/Kg
P2588-08	BH5S7	Solid	Phenanthrene		510.000		33	210 ug/Kg
P2588-08	BH5S7	Solid	Pyrene		860.000		22	210 ug/Kg
Total Svoc :					5,396.00			
Total Concentration:					9,539.00			
Client ID : BH5T8								
P2588-09	BH5T8	Solid	(3,3-Dimethyloxiranyl)methanol	*	87.000	J		
P2588-09	BH5T8	Solid	(DEL) Alkane: Straight-Chain21.1	*	160.000	J		
P2588-09	BH5T8	Solid	1-Phenoxypropan-2-ol	*	290.000	J		
P2588-09	BH5T8	Solid	11H-Benzo[a]fluorene	*	100.000	J		
P2588-09	BH5T8	Solid	3-Buten-2-one, 3-methyl-	*	250.000	J		
P2588-09	BH5T8	Solid	7-Nonenamide	*	170.000	J		
P2588-09	BH5T8	Solid	9,10-Anthracenedione	*	110.000	J		
P2588-09	BH5T8	Solid	Anthracene, 1-methyl-	*	110.000	J		
P2588-09	BH5T8	Solid	Benzo[e]pyrene	*	160.000	J		

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SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-09	BH5T8	Solid	Butane, 2-methoxy-2-methyl-	*	14,000.000	J		
P2588-09	BH5T8	Solid	Cyclopenta(def)phenanthrene	*	120.000	J		
P2588-09	BH5T8	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	180.000	J		
P2588-09	BH5T8	Solid	n-Hexadecanoic acid	*	120.000	J		
P2588-09	BH5T8	Solid	Pentanedioic acid, dimethyl ester	*	100.000	J		
P2588-09	BH5T8	Solid	Phenanthrene, 2,5-dimethyl-	*	94.000	J		
P2588-09	BH5T8	Solid	Phenanthrene, 4-methyl-	*	120.000	J		
P2588-09	BH5T8	Solid	Propylene Glycol	*	350.000	J		
P2588-09	BH5T8	Solid	unknown-01	*	370.000	J		
P2588-09	BH5T8	Solid	unknown-02	*	130.000	J		
P2588-09	BH5T8	Solid	Total Alkanes	*	160.000		34	220 ug/Kg
Total Tics :					17,181.00			
P2588-09	BH5T8	Solid	Benzo(a)anthracene		330.000		30	220 ug/Kg
P2588-09	BH5T8	Solid	Benzo(a)pyrene		350.000		40	220 ug/Kg
P2588-09	BH5T8	Solid	Benzo(b)fluoranthene		540.000		48	220 ug/Kg
P2588-09	BH5T8	Solid	Benzo(g,h,i)perylene		260.000		42	220 ug/Kg
P2588-09	BH5T8	Solid	Benzo(k)fluoranthene		160.000	J	49	220 ug/Kg
P2588-09	BH5T8	Solid	Bis(2-ethylhexyl)phthalate		360.000		32	220 ug/Kg
P2588-09	BH5T8	Solid	Butylbenzylphthalate		83.000	J	29	220 ug/Kg
P2588-09	BH5T8	Solid	Carbazole		44.000	J	44	430 ug/Kg
P2588-09	BH5T8	Solid	Chrysene		420.000		31	220 ug/Kg
P2588-09	BH5T8	Solid	Dibenzo(a,h)anthracene		76.000	J	34	220 ug/Kg
P2588-09	BH5T8	Solid	Fluoranthene		730.000		25	220 ug/Kg
P2588-09	BH5T8	Solid	Indeno(1,2,3-cd)pyrene		230.000		36	220 ug/Kg
P2588-09	BH5T8	Solid	Phenanthrene		350.000		35	220 ug/Kg
P2588-09	BH5T8	Solid	Pyrene		650.000		23	220 ug/Kg
Total Svoc :					4,583.00			
Total Concentration:					21,764.00			
Client ID : BH5T9								
P2588-10	BH5T9	Solid	[14]Annulene, 1,6:8,13-bis(metha	*	220.000	J		
P2588-10	BH5T9	Solid	1-Phenoxypropan-2-ol	*	320.000	J		
P2588-10	BH5T9	Solid	2-[2-Phenylethenyl]phenol	*	210.000	J		
P2588-10	BH5T9	Solid	2-Methyldibenzothiophene	*	160.000	J		
P2588-10	BH5T9	Solid	3-Buten-2-one, 3-methyl-	*	440.000	J		
P2588-10	BH5T9	Solid	4H-Cyclopenta[def]phenanthrene	*	1,500.000	J		
P2588-10	BH5T9	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	660.000	J		
P2588-10	BH5T9	Solid	6H-Dibenzo[b,d]-pyran	*	300.000	J		
P2588-10	BH5T9	Solid	7,12-Dihydrobenzo[k]fluoranthene	*	280.000	J		
P2588-10	BH5T9	Solid	9,10-Anthracenedione	*	520.000	J		
P2588-10	BH5T9	Solid	9H-Fluorene, 1-methyl-	*	160.000	J		

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-10	BH5T9	Solid	Anthracene, 1-methyl-	*	990.000	J		
P2588-10	BH5T9	Solid	Benzo[c]cinnoline	*	320.000	J		
P2588-10	BH5T9	Solid	Benzo[e]pyrene	*	480.000	J		
P2588-10	BH5T9	Solid	Benzo[j]fluoranthene	*	820.000	J		
P2588-10	BH5T9	Solid	Butane, 2-methoxy-2-methyl-	*	12,000.000	J		
P2588-10	BH5T9	Solid	Cyclopenta(def)phenanthrenone	*	640.000	J		
P2588-10	BH5T9	Solid	Dibenzofuran, 4-methyl-	*	290.000	J		
P2588-10	BH5T9	Solid	Dibenzothiophene	*	290.000	J		
P2588-10	BH5T9	Solid	Naphthalene, 1,2-dihydro-4-pheny	*	170.000	J		
P2588-10	BH5T9	Solid	Perylene	*	1,400.000	J		
P2588-10	BH5T9	Solid	Phenanthrene, 1-methyl-	*	1,200.000	J		
P2588-10	BH5T9	Solid	Phenanthrene, 2,5-dimethyl-	*	870.000	J		
P2588-10	BH5T9	Solid	Phenanthrene, 2-methyl-	*	450.000	J		
P2588-10	BH5T9	Solid	Phenanthrene, 3,6-dimethyl-	*	210.000	J		
P2588-10	BH5T9	Solid	Phenanthrene, 4,5-dimethyl-	*	310.000	J		
P2588-10	BH5T9	Solid	Phenanthrene, 4-methyl-	*	540.000	J		
P2588-10	BH5T9	Solid	Phenanthridine	*	170.000	J		
P2588-10	BH5T9	Solid	unknown-01	*	620.000	J		
P2588-10	BH5T9	Solid	unknown-02	*	370.000	J		
P2588-10	BH5T9	Solid	Total Alkanes	*	0.000	34	220	ug/Kg
Total Tics :					26,910.00			
P2588-10	BH5T9	Solid	1-Methylnaphthalene		130.000	J 31	220	ug/Kg
P2588-10	BH5T9	Solid	2-Methylnaphthalene		120.000	J 41	220	ug/Kg
P2588-10	BH5T9	Solid	Acenaphthene		420.000	34	220	ug/Kg
P2588-10	BH5T9	Solid	Acenaphthylene		180.000	J 38	220	ug/Kg
P2588-10	BH5T9	Solid	Anthracene		1,200.000	32	220	ug/Kg
P2588-10	BH5T9	Solid	Benzo(a)anthracene		3,100.000	30	220	ug/Kg
P2588-10	BH5T9	Solid	Benzo(a)pyrene		2,600.000	40	220	ug/Kg
P2588-10	BH5T9	Solid	Benzo(b)fluoranthene		3,200.000	48	220	ug/Kg
P2588-10	BH5T9	Solid	Benzo(g,h,i)perylene		1,300.000	41	220	ug/Kg
P2588-10	BH5T9	Solid	Benzo(k)fluoranthene		1,200.000	49	220	ug/Kg
P2588-10	BH5T9	Solid	Bis(2-ethylhexyl)phthalate		340.000	32	220	ug/Kg
P2588-10	BH5T9	Solid	Butylbenzylphthalate		95.000	J 29	220	ug/Kg
P2588-10	BH5T9	Solid	Carbazole		430.000	44	430	ug/Kg
P2588-10	BH5T9	Solid	Chrysene		3,000.000	31	220	ug/Kg
P2588-10	BH5T9	Solid	Dibenzo(a,h)anthracene		430.000	34	220	ug/Kg
P2588-10	BH5T9	Solid	Dibenzofuran		290.000	35	220	ug/Kg
P2588-10	BH5T9	Solid	Fluoranthene		6,300.000	E 25	220	ug/Kg
P2588-10	BH5T9	Solid	Fluorene		480.000	35	220	ug/Kg
P2588-10	BH5T9	Solid	Indeno(1,2,3-cd)pyrene		1,300.000	36	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-10	BH5T9	Solid	Naphthalene	98.000	J	31	220	ug/Kg
P2588-10	BH5T9	Solid	Phenanthrene	4,800.000	E	35	220	ug/Kg
P2588-10	BH5T9	Solid	Pyrene	5,500.000	E	23	220	ug/Kg
Total Svoc :				36,513.00				
Total Concentration:				63,423.00				
Client ID : BH5W1								
P2588-11	BH5W1	Solid	(DEL) Alkane: Straight-Chain21.1	*	150.000	J		
P2588-11	BH5W1	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P2588-11	BH5W1	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2588-11	BH5W1	Solid	n-Hexadecanoic acid	*	140.000	J		
P2588-11	BH5W1	Solid	Tetradecanamide	*	240.000	J		
P2588-11	BH5W1	Solid	unknown-01	*	270.000	J		
P2588-11	BH5W1	Solid	unknown-02	*	95.000	J		
P2588-11	BH5W1	Solid	Total Alkanes	*	150.000		30	200 ug/Kg
Total Tics :				2,725.00				
P2588-11	BH5W1	Solid	Benzo(a)anthracene		96.000	J	26	200 ug/Kg
P2588-11	BH5W1	Solid	Benzo(a)pyrene		91.000	J	36	200 ug/Kg
P2588-11	BH5W1	Solid	Benzo(b)fluoranthene		140.000	J	42	200 ug/Kg
P2588-11	BH5W1	Solid	Benzo(g,h,i)perylene		69.000	J	37	200 ug/Kg
P2588-11	BH5W1	Solid	Benzo(k)fluoranthene		44.000	J	44	200 ug/Kg
P2588-11	BH5W1	Solid	Bis(2-ethylhexyl)phthalate		120.000	J	29	200 ug/Kg
P2588-11	BH5W1	Solid	Chrysene		110.000	J	28	200 ug/Kg
P2588-11	BH5W1	Solid	Fluoranthene		180.000	J	22	200 ug/Kg
P2588-11	BH5W1	Solid	Indeno(1,2,3-cd)pyrene		58.000	J	32	200 ug/Kg
P2588-11	BH5W1	Solid	Phenanthrene		93.000	J	31	200 ug/Kg
P2588-11	BH5W1	Solid	Pyrene		170.000	J	21	200 ug/Kg
Total Svoc :				1,171.00				
Total Concentration:				3,896.00				
Client ID : BH6D7								
P2588-12	BH6D7	Solid	9-Octadecenamide, (Z)-	*	92.000	J		
P2588-12	BH6D7	Solid	Butane, 2-methoxy-2-methyl-	*	620.000	J		
P2588-12	BH6D7	Solid	Total Alkanes	*	0.000		30	190 ug/Kg
Total Tics :				712.00				
P2588-12	BH6D7	Solid	Fluoranthene		41.000	J	22	190 ug/Kg
P2588-12	BH6D7	Solid	Pyrene		39.000	J	21	190 ug/Kg
Total Svoc :				80.00				
Total Concentration:				792.00				
Client ID : BH6D8								
P2588-13	BH6D8	Solid	(DEL) Alkane: Straight-Chain4.3(	*	97.000	J		

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-13	BH6D8	Solid	.beta.-Carboline, 7-methoxy-1,2-d	*	230.000	J		
P2588-13	BH6D8	Solid	11H-Benzo[a]fluoren-11-one	*	180.000	J		
P2588-13	BH6D8	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	110.000	J		
P2588-13	BH6D8	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	120.000	J		
P2588-13	BH6D8	Solid	6H-Benz[de]anthracen-6-one	*	250.000	J		
P2588-13	BH6D8	Solid	7H-Benz[de]anthracen-7-one	*	140.000	J		
P2588-13	BH6D8	Solid	9,10-Anthracenedione	*	580.000	J		
P2588-13	BH6D8	Solid	9H-Fluoren-9-one	*	150.000	J		
P2588-13	BH6D8	Solid	Anthracene, 1-methyl-	*	140.000	J		
P2588-13	BH6D8	Solid	Benz(a)anthracene-7,12-dione	*	130.000	J		
P2588-13	BH6D8	Solid	Benzo[c]phenanthrene	*	100.000	J		
P2588-13	BH6D8	Solid	Benzo[j]fluoranthene	*	920.000	J		
P2588-13	BH6D8	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J		
P2588-13	BH6D8	Solid	Cyclopenta(def)phenanthrenone	*	320.000	J		
P2588-13	BH6D8	Solid	Ethanone, 1-cyclopropyl-	*	360.000	J		
P2588-13	BH6D8	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P2588-13	BH6D8	Solid	Guanidine, monothiocyanate	*	130.000	J		
P2588-13	BH6D8	Solid	Methacrylamide	*	510.000	J		
P2588-13	BH6D8	Solid	n-Hexadecanoic acid	*	150.000	J		
P2588-13	BH6D8	Solid	Naphthalic anhydride	*	340.000	J		
P2588-13	BH6D8	Solid	Naphtho[2,3-b]norbornadiene	*	200.000	J		
P2588-13	BH6D8	Solid	Pyrene, 4-methyl-	*	89.000	J		
P2588-13	BH6D8	Solid	Total Alkanes	*	97.000	J	34	220 ug/Kg
Total Tics :				16,463.00				
P2588-13	BH6D8	Solid	Acenaphthylene		51.000	J	38	220 ug/Kg
P2588-13	BH6D8	Solid	Anthracene		51.000	J	32	220 ug/Kg
P2588-13	BH6D8	Solid	Benzo(a)anthracene		950.000		30	220 ug/Kg
P2588-13	BH6D8	Solid	Benzo(a)pyrene		1,100.000		40	220 ug/Kg
P2588-13	BH6D8	Solid	Benzo(b)fluoranthene		1,900.000		48	220 ug/Kg
P2588-13	BH6D8	Solid	Benzo(g,h,i)perylene		790.000		42	220 ug/Kg
P2588-13	BH6D8	Solid	Benzo(k)fluoranthene		740.000		49	220 ug/Kg
P2588-13	BH6D8	Solid	Bis(2-ethylhexyl)phthalate		1,600.000		32	220 ug/Kg
P2588-13	BH6D8	Solid	Butylbenzylphthalate		140.000	J	29	220 ug/Kg
P2588-13	BH6D8	Solid	Carbazole		180.000	J	44	430 ug/Kg
P2588-13	BH6D8	Solid	Chrysene		1,400.000		31	220 ug/Kg
P2588-13	BH6D8	Solid	Di-n-butylphthalate		230.000		35	220 ug/Kg
P2588-13	BH6D8	Solid	Dibenzo(a,h)anthracene		250.000		34	220 ug/Kg
P2588-13	BH6D8	Solid	Fluoranthene		2,400.000		25	220 ug/Kg
P2588-13	BH6D8	Solid	Indeno(1,2,3-cd)pyrene		810.000		36	220 ug/Kg
P2588-13	BH6D8	Solid	Phenanthrene		830.000		35	220 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-13	BH6D8	Solid	Pyrene	2,000.000		23	220	ug/Kg
Total Svoc :				15,422.00				
Total Concentration:				31,885.00				
Client ID : BH6D9								
P2588-14	BH6D9	Solid	11H-Benzo[a]fluoren-11-one	*	150.000	J		
P2588-14	BH6D9	Solid	11H-Benzo[a]fluorene	*	110.000	J		
P2588-14	BH6D9	Solid	3-Buten-2-one, 3-methyl-	*	370.000	J		
P2588-14	BH6D9	Solid	3-Methyl-[1,1-biphenyl]-4-carbal	*	100.000	J		
P2588-14	BH6D9	Solid	4H-Cyclopenta[def]phenanthrene	*	670.000	J		
P2588-14	BH6D9	Solid	7H-Benz[de]anthracen-7-one	*	170.000	J		
P2588-14	BH6D9	Solid	9,10-Anthracenedione	*	660.000	J		
P2588-14	BH6D9	Solid	9H-Fluoren-9-ol	*	120.000	J		
P2588-14	BH6D9	Solid	9H-Fluoren-9-one	*	240.000	J		
P2588-14	BH6D9	Solid	Anthracene, 1-methyl-	*	500.000	J		
P2588-14	BH6D9	Solid	Anthracene, 2-ethyl-	*	140.000	J		
P2588-14	BH6D9	Solid	Anthracene, 9-methyl-	*	250.000	J		
P2588-14	BH6D9	Solid	Benzo[b]naphtho[2,3-d]thiophene	*	120.000	J		
P2588-14	BH6D9	Solid	Benzo[c]phenanthrene	*	100.000	J		
P2588-14	BH6D9	Solid	Benzo[c]phenanthrene, 5-methyl-	*	100.000	J		
P2588-14	BH6D9	Solid	Benzo[e]pyrene	*	260.000	J		
P2588-14	BH6D9	Solid	Butane, 2-methoxy-2-methyl-	*	13,000.000	J		
P2588-14	BH6D9	Solid	Cyclopenta(def)phenanthrenone	*	410.000	J		
P2588-14	BH6D9	Solid	Dibenzofuran, 4-methyl-	*	120.000	J		
P2588-14	BH6D9	Solid	Dibenzothiophene	*	150.000	J		
P2588-14	BH6D9	Solid	Methacrylamide	*	500.000	J		
P2588-14	BH6D9	Solid	Naphthalene, 2-phenyl-	*	310.000	J		
P2588-14	BH6D9	Solid	Nickel, (.eta.5-2,4-cyclopentadien	*	100.000	J		
P2588-14	BH6D9	Solid	Phenanthrene, 1-methyl-	*	570.000	J		
P2588-14	BH6D9	Solid	Phenanthrene, 2,5-dimethyl-	*	440.000	J		
P2588-14	BH6D9	Solid	Pyrene, 1-methyl-	*	150.000	J		
P2588-14	BH6D9	Solid	Pyrene, 2-methyl-	*	120.000	J		
P2588-14	BH6D9	Solid	Thiazolo[5,4-d]pyrimidine, 5-amir	*	120.000	J		
P2588-14	BH6D9	Solid	unknown-01	*	150.000	J		
P2588-14	BH6D9	Solid	unknown-02	*	1,100.000	J		
P2588-14	BH6D9	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :				21,300.00				
P2588-14	BH6D9	Solid	1-Methylnaphthalene		80.000	J	29	ug/Kg
P2588-14	BH6D9	Solid	2-Methylnaphthalene		61.000	J	39	ug/Kg
P2588-14	BH6D9	Solid	Acenaphthene		120.000	J	32	ug/Kg
P2588-14	BH6D9	Solid	Acenaphthylene		130.000	J	36	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-14	BH6D9	Solid	Anthracene	310.000		31	210	ug/Kg
P2588-14	BH6D9	Solid	Benzo(a)anthracene	1,600.000		28	210	ug/Kg
P2588-14	BH6D9	Solid	Benzo(a)pyrene	1,400.000		38	210	ug/Kg
P2588-14	BH6D9	Solid	Benzo(b)fluoranthene	2,300.000		45	210	ug/Kg
P2588-14	BH6D9	Solid	Benzo(g,h,i)perylene	840.000		39	210	ug/Kg
P2588-14	BH6D9	Solid	Benzo(k)fluoranthene	790.000		47	210	ug/Kg
P2588-14	BH6D9	Solid	Bis(2-ethylhexyl)phthalate	500.000		31	210	ug/Kg
P2588-14	BH6D9	Solid	Carbazole	260.000	J	42	400	ug/Kg
P2588-14	BH6D9	Solid	Chrysene	2,000.000		29	210	ug/Kg
P2588-14	BH6D9	Solid	Dibenzo(a,h)anthracene	280.000		32	210	ug/Kg
P2588-14	BH6D9	Solid	Dibenzofuran	130.000	J	33	210	ug/Kg
P2588-14	BH6D9	Solid	Fluoranthene	4,200.000	E	23	210	ug/Kg
P2588-14	BH6D9	Solid	Fluorene	210.000		33	210	ug/Kg
P2588-14	BH6D9	Solid	Indeno(1,2,3-cd)pyrene	880.000		34	210	ug/Kg
P2588-14	BH6D9	Solid	Naphthalene	82.000	J	29	210	ug/Kg
P2588-14	BH6D9	Solid	Phenanthrene	2,900.000		33	210	ug/Kg
P2588-14	BH6D9	Solid	Pyrene	3,400.000	E	22	210	ug/Kg
Total Svoc :				22,473.00				
Total Concentration:				43,773.00				

Client ID : BH6E0

P2588-15	BH6E0	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J		
P2588-15	BH6E0	Solid	11H-Benzo[a]fluorene	*	82.000	J		
P2588-15	BH6E0	Solid	13-Docosenamide, (Z)-	*	98.000	J		
P2588-15	BH6E0	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	210.000	J		
P2588-15	BH6E0	Solid	3-Methyl-1-phenyl-1H-indene	*	160.000	J		
P2588-15	BH6E0	Solid	4H-Cyclopenta[def]phenanthrene	*	240.000	J		
P2588-15	BH6E0	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	110.000	J		
P2588-15	BH6E0	Solid	9,10-Anthracenedione	*	140.000	J		
P2588-15	BH6E0	Solid	Benzene, [4-(3-ethynylphenyl)-1,3	*	150.000	J		
P2588-15	BH6E0	Solid	Benzo[e]pyrene	*	250.000	J		
P2588-15	BH6E0	Solid	Butane, 2-methoxy-2-methyl-	*	17,000.000	J		
P2588-15	BH6E0	Solid	Cyclopenta(def)phenanthrenone	*	130.000	J		
P2588-15	BH6E0	Solid	Methacrylamide	*	240.000	J		
P2588-15	BH6E0	Solid	Phenanthrene, 1-methyl-	*	180.000	J		
P2588-15	BH6E0	Solid	unknown-01	*	88.000	J		
P2588-15	BH6E0	Solid	Total Alkanes	*	0.000		31	210 ug/Kg
Total Tics :				19,178.00				
P2588-15	BH6E0	Solid	Acenaphthene		61.000	J	31	210 ug/Kg
P2588-15	BH6E0	Solid	Anthracene		200.000	J	30	210 ug/Kg
P2588-15	BH6E0	Solid	Benzo(a)anthracene		440.000		28	210 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-15	BH6E0	Solid	Benzo(a)pyrene	390.000		37	210	ug/Kg
P2588-15	BH6E0	Solid	Benzo(b)fluoranthene	600.000		45	210	ug/Kg
P2588-15	BH6E0	Solid	Benzo(g,h,i)perylene	250.000		39	210	ug/Kg
P2588-15	BH6E0	Solid	Benzo(k)fluoranthene	180.000	J	46	210	ug/Kg
P2588-15	BH6E0	Solid	Bis(2-ethylhexyl)phthalate	84.000	J	30	210	ug/Kg
P2588-15	BH6E0	Solid	Carbazole	71.000	J	41	400	ug/Kg
P2588-15	BH6E0	Solid	Chrysene	500.000		29	210	ug/Kg
P2588-15	BH6E0	Solid	Dibenzo(a,h)anthracene	83.000	J	31	210	ug/Kg
P2588-15	BH6E0	Solid	Dibenzofuran	50.000	J	33	210	ug/Kg
P2588-15	BH6E0	Solid	Fluoranthene	1,100.000		23	210	ug/Kg
P2588-15	BH6E0	Solid	Fluorene	87.000	J	33	210	ug/Kg
P2588-15	BH6E0	Solid	Indeno(1,2,3-cd)pyrene	240.000		34	210	ug/Kg
P2588-15	BH6E0	Solid	Phenanthrene	950.000		33	210	ug/Kg
P2588-15	BH6E0	Solid	Pyrene	960.000		22	210	ug/Kg
Total Svoc :				6,246.00				
Total Concentration:				25,424.00				
Client ID : BH6E1								
P2588-16	BH6E1	Solid	9-Octadecenamide, (Z)-	*	120.000	J		
P2588-16	BH6E1	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P2588-16	BH6E1	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :				1,820.00				
P2588-16	BH6E1	Solid	Benzo(a)anthracene	110.000	J	25	190	ug/Kg
P2588-16	BH6E1	Solid	Benzo(a)pyrene	93.000	J	34	190	ug/Kg
P2588-16	BH6E1	Solid	Benzo(b)fluoranthene	110.000	J	41	190	ug/Kg
P2588-16	BH6E1	Solid	Benzo(g,h,i)perylene	53.000	J	35	190	ug/Kg
P2588-16	BH6E1	Solid	Chrysene	100.000	J	26	190	ug/Kg
P2588-16	BH6E1	Solid	Fluoranthene	220.000		21	190	ug/Kg
P2588-16	BH6E1	Solid	Indeno(1,2,3-cd)pyrene	46.000	J	31	190	ug/Kg
P2588-16	BH6E1	Solid	Phenanthrene	190.000		30	190	ug/Kg
P2588-16	BH6E1	Solid	Pyrene	200.000		20	190	ug/Kg
Total Svoc :				1,122.00				
Total Concentration:				2,942.00				
Client ID : BH6E2								
P2588-17	BH6E2	Solid	(DEL) Alkane: Straight-Chain21.1	*	140.000	J		
P2588-17	BH6E2	Solid	9-Octadecenamide, (Z)-	*	270.000	J		
P2588-17	BH6E2	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P2588-17	BH6E2	Solid	Tridecanoic acid	*	140.000	J		
P2588-17	BH6E2	Solid	Total Alkanes	*	140.000	29	190	ug/Kg
Total Tics :				2,390.00				
P2588-17	BH6E2	Solid	Benzo(a)anthracene	69.000	J	26	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-17	BH6E2	Solid	Benzo(a)pyrene	87.000	J	34	190	ug/Kg
P2588-17	BH6E2	Solid	Benzo(b)fluoranthene	160.000	J	41	190	ug/Kg
P2588-17	BH6E2	Solid	Benzo(g,h,i)perylene	92.000	J	36	190	ug/Kg
P2588-17	BH6E2	Solid	Benzo(k)fluoranthene	56.000	J	42	190	ug/Kg
P2588-17	BH6E2	Solid	Chrysene	120.000	J	27	190	ug/Kg
P2588-17	BH6E2	Solid	Fluoranthene	220.000		21	190	ug/Kg
P2588-17	BH6E2	Solid	Indeno(1,2,3-cd)pyrene	78.000	J	31	190	ug/Kg
P2588-17	BH6E2	Solid	Phenanthrene	93.000	J	30	190	ug/Kg
P2588-17	BH6E2	Solid	Pyrene	180.000	J	20	190	ug/Kg
Total Svoc :				1,155.00				
Total Concentration:				3,545.00				
Client ID : BH6E3								
P2588-18	BH6E3	Solid	(DEL) Alkane: Straight-Chain25.0	340.000	J			
P2588-18	BH6E3	Solid	1,19-Eicosadiene	190.000	J			
P2588-18	BH6E3	Solid	1-Hexadecanol	110.000	J			
P2588-18	BH6E3	Solid	11H-Benzo[a]fluoren-11-one	110.000	J			
P2588-18	BH6E3	Solid	5-(4-Ethoxy-phenyl)-2H-pyrazol-5-one	91.000	J			
P2588-18	BH6E3	Solid	9,10-Anthracenedione	84.000	J			
P2588-18	BH6E3	Solid	Benzaldehyde, 3,5-dichloro-2-hydroxy-	140.000	J			
P2588-18	BH6E3	Solid	Benzo[e]pyrene	170.000	J			
P2588-18	BH6E3	Solid	Butane, 2-methoxy-2-methyl-	1,100.000	J			
P2588-18	BH6E3	Solid	Chrysene, 1-methyl-	90.000	J			
P2588-18	BH6E3	Solid	di-p-Tolylacetylene	110.000	J			
P2588-18	BH6E3	Solid	Ethanol, 2-butoxy-, phosphate (3:1)	2,200.000	J			
P2588-18	BH6E3	Solid	Phenanthrene, 1-methyl-	130.000	J			
P2588-18	BH6E3	Solid	unknown-01	130.000	J			
P2588-18	BH6E3	Solid	unknown-02	190.000	J			
P2588-18	BH6E3	Solid	Total Alkanes	340.000		30	200	ug/Kg
Total Tics :				5,525.00				
P2588-18	BH6E3	Solid	Anthracene	55.000	J	29	200	ug/Kg
P2588-18	BH6E3	Solid	Benzo(a)anthracene	370.000		27	200	ug/Kg
P2588-18	BH6E3	Solid	Benzo(a)pyrene	390.000		36	200	ug/Kg
P2588-18	BH6E3	Solid	Benzo(b)fluoranthene	540.000		43	200	ug/Kg
P2588-18	BH6E3	Solid	Benzo(g,h,i)perylene	290.000		38	200	ug/Kg
P2588-18	BH6E3	Solid	Benzo(k)fluoranthene	190.000	J	45	200	ug/Kg
P2588-18	BH6E3	Solid	Bis(2-ethylhexyl)phthalate	150.000	J	29	200	ug/Kg
P2588-18	BH6E3	Solid	Carbazole	48.000	J	40	390	ug/Kg
P2588-18	BH6E3	Solid	Chrysene	420.000		28	200	ug/Kg
P2588-18	BH6E3	Solid	Dibenzo(a,h)anthracene	79.000	J	30	200	ug/Kg
P2588-18	BH6E3	Solid	Fluoranthene	790.000		22	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-18	BH6E3	Solid	Indeno(1,2,3-cd)pyrene	240.000		33	200	ug/Kg
P2588-18	BH6E3	Solid	Phenanthrene	380.000		32	200	ug/Kg
P2588-18	BH6E3	Solid	Pyrene	710.000		21	200	ug/Kg
Total Svoc :				4,652.00				
Total Concentration:				10,177.00				
Client ID : BH6E4								
P2588-19	BH6E4	Solid	1H-Cyclopropa[1]phenanthrene,1a *	100.000	J			
P2588-19	BH6E4	Solid	9-Octadecenamide, (Z)- *	120.000	J			
P2588-19	BH6E4	Solid	Benzaldehyde, 3,5-dichloro-2-hyd *	120.000	J			
P2588-19	BH6E4	Solid	Benzo[e]pyrene *	190.000	J			
P2588-19	BH6E4	Solid	Butane, 2-methoxy-2-methyl- *	1,100.000	J			
P2588-19	BH6E4	Solid	Cyclopenta[cd]pyrene *	75.000	J			
P2588-19	BH6E4	Solid	di-p-Tolylacetylene *	88.000	J			
P2588-19	BH6E4	Solid	Ethanol, 2-butoxy-, phosphate (3: *	380.000	J			
P2588-19	BH6E4	Solid	Phenanthrene, 1-methyl- *	93.000	J			
P2588-19	BH6E4	Solid	Total Alkanes *	0.000		29	190	ug/Kg
Total Tics :				2,266.00				
P2588-19	BH6E4	Solid	Anthracene	57.000	J	28	190	ug/Kg
P2588-19	BH6E4	Solid	Benzo(a)anthracene	330.000		26	190	ug/Kg
P2588-19	BH6E4	Solid	Benzo(a)pyrene	360.000		35	190	ug/Kg
P2588-19	BH6E4	Solid	Benzo(b)fluoranthene	480.000		41	190	ug/Kg
P2588-19	BH6E4	Solid	Benzo(g,h,i)perylene	270.000		36	190	ug/Kg
P2588-19	BH6E4	Solid	Benzo(k)fluoranthene	170.000	J	42	190	ug/Kg
P2588-19	BH6E4	Solid	Bis(2-ethylhexyl)phthalate	46.000	J	28	190	ug/Kg
P2588-19	BH6E4	Solid	Carbazole	39.000	J	38	370	ug/Kg
P2588-19	BH6E4	Solid	Chrysene	380.000		27	190	ug/Kg
P2588-19	BH6E4	Solid	Dibenzo(a,h)anthracene	67.000	J	29	190	ug/Kg
P2588-19	BH6E4	Solid	Fluoranthene	730.000		21	190	ug/Kg
P2588-19	BH6E4	Solid	Indeno(1,2,3-cd)pyrene	220.000		31	190	ug/Kg
P2588-19	BH6E4	Solid	Phenanthrene	370.000		30	190	ug/Kg
P2588-19	BH6E4	Solid	Pyrene	650.000		20	190	ug/Kg
Total Svoc :				4,169.00				
Total Concentration:				6,435.00				
Client ID : BH6E5								
P2588-20	BH6E5	Solid	(DEL) Alkane: Straight-Chain21.1 *	96.000	J			
P2588-20	BH6E5	Solid	13-Docosenamide, (Z)- *	170.000	J			
P2588-20	BH6E5	Solid	5-Bromo-2-thiophenecarboxaldeh *	130.000	J			
P2588-20	BH6E5	Solid	9,10-Anthracenedione *	80.000	J			
P2588-20	BH6E5	Solid	Benzo[e]pyrene *	180.000	J			

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-20	BH6E5	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P2588-20	BH6E5	Solid	Ethanol, 2-butoxy-, phosphate (3:	*	150.000	J		
P2588-20	BH6E5	Solid	Phenanthrene, 1-methyl-	*	110.000	J		
P2588-20	BH6E5	Solid	Phenanthrene, 3,6-dimethyl-	*	140.000	J		
P2588-20	BH6E5	Solid	unknown-01	*	75.000	J		
P2588-20	BH6E5	Solid	Total Alkanes	*	96.000		29	190 ug/Kg
Total Tics :					2,627.00			
P2588-20	BH6E5	Solid	Anthracene		41.000	J	28	190 ug/Kg
P2588-20	BH6E5	Solid	Benzo(a)anthracene		320.000		26	190 ug/Kg
P2588-20	BH6E5	Solid	Benzo(a)pyrene		350.000		35	190 ug/Kg
P2588-20	BH6E5	Solid	Benzo(b)fluoranthene		490.000		41	190 ug/Kg
P2588-20	BH6E5	Solid	Benzo(g,h,i)perylene		270.000		36	190 ug/Kg
P2588-20	BH6E5	Solid	Benzo(k)fluoranthene		140.000	J	43	190 ug/Kg
P2588-20	BH6E5	Solid	Chrysene		380.000		27	190 ug/Kg
P2588-20	BH6E5	Solid	Dibenzo(a,h)anthracene		70.000	J	29	190 ug/Kg
P2588-20	BH6E5	Solid	Fluoranthene		660.000		21	190 ug/Kg
P2588-20	BH6E5	Solid	Indeno(1,2,3-cd)pyrene		210.000		31	190 ug/Kg
P2588-20	BH6E5	Solid	Phenanthrene		320.000		30	190 ug/Kg
P2588-20	BH6E5	Solid	Pyrene		590.000		20	190 ug/Kg
Total Svoc :					3,841.00			
Total Concentration:					6,468.00			
Client ID : BH6E6								
P2588-21	BH6E6	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	93.000	J		
P2588-21	BH6E6	Solid	6H-Cyclobuta[jk]phenanthrene	*	190.000	J		
P2588-21	BH6E6	Solid	9,10-Anthracenedione	*	130.000	J		
P2588-21	BH6E6	Solid	9-Octadecenamide, (Z)-	*	260.000	J		
P2588-21	BH6E6	Solid	Anthracene, 1-methyl-	*	120.000	J		
P2588-21	BH6E6	Solid	Anthracene, 2-methyl-	*	160.000	J		
P2588-21	BH6E6	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P2588-21	BH6E6	Solid	Cyclopenta(def)phenanthrenone	*	110.000	J		
P2588-21	BH6E6	Solid	Ethanol, 2-butoxy-, phosphate (3:	*	270.000	J		
P2588-21	BH6E6	Solid	Phenanthrene, 1,7-dimethyl-	*	140.000	J		
P2588-21	BH6E6	Solid	Pyrene, 1-methyl-	*	91.000	J		
P2588-21	BH6E6	Solid	Total Alkanes	*	0.000		30	190 ug/Kg
Total Tics :					2,864.00			
P2588-21	BH6E6	Solid	Anthracene		74.000	J	29	190 ug/Kg
P2588-21	BH6E6	Solid	Benzo(a)anthracene		570.000		26	190 ug/Kg
P2588-21	BH6E6	Solid	Benzo(a)pyrene		610.000		35	190 ug/Kg
P2588-21	BH6E6	Solid	Benzo(b)fluoranthene		820.000		42	190 ug/Kg
P2588-21	BH6E6	Solid	Benzo(g,h,i)perylene		420.000		37	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG053124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2588-21	BH6E6	Solid	Benzo(k)fluoranthene	270.000		43	190	ug/Kg
P2588-21	BH6E6	Solid	Bis(2-ethylhexyl)phthalate	51.000	J	29	190	ug/Kg
P2588-21	BH6E6	Solid	Carbazole	57.000	J	39	380	ug/Kg
P2588-21	BH6E6	Solid	Chrysene	640.000		27	190	ug/Kg
P2588-21	BH6E6	Solid	Dibenzo(a,h)anthracene	110.000	J	30	190	ug/Kg
P2588-21	BH6E6	Solid	Fluoranthene	1,200.000		22	190	ug/Kg
P2588-21	BH6E6	Solid	Indeno(1,2,3-cd)pyrene	360.000		32	190	ug/Kg
P2588-21	BH6E6	Solid	Phenanthrene	520.000		31	190	ug/Kg
P2588-21	BH6E6	Solid	Pyrene	1,000.000		21	190	ug/Kg
Total Svoc :						6,702.00		
Total Concentration:						9,566.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG052124 SAS No.: BG052124 SDG No.: BG052124
Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____
Calibration Time(s): 10:31 _____

LAB FILE ID:		RRFAL1 = BG061249.D		RRFAL2 = BG061250.D		RRFAL3 = BG061251.D		
		RRFAL4 = BG061252.D		RRFAL5 = BG061253.D		RRFAL6 = BG061254.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.512	0.417	0.413	0.390	0.413		0.429	11.1
Benzaldehyde		0.937	1.036	0.973	0.795	0.552	0.859	22.5
Pyridine		1.281	1.256	1.293	1.247	1.210	1.258	2.6
Hexachloroethane	0.513	0.597	0.582	0.589	0.576		0.572	5.9
Nitrobenzene	0.428	0.414	0.422	0.427	0.421		0.422	1.3
Isophorone	0.860	0.861	0.881	0.862	0.831		0.859	2.1
2-Nitrophenol	0.191	0.197	0.195	0.198	0.197		0.196	1.4
2,4-Dimethylphenol	0.367	0.377	0.399	0.393	0.401		0.388	3.8
Bis(2-Chloroethoxy)methane	0.411	0.430	0.440	0.441	0.431		0.431	2.8
2,4-Dichlorophenol	0.302	0.317	0.321	0.340	0.337		0.324	4.8
Naphthalene	1.047	1.060	1.047	1.074	1.049		1.056	1.1
4-Chloroaniline		0.476	0.457	0.469	0.455	0.427	0.457	4.1
Hexachlorobutadiene	0.323	0.306	0.320	0.317	0.316		0.316	2.0
Phenol		1.530	1.670	1.712	1.749	1.705	1.673	5.1
Caprolactam		0.133	0.133	0.128	0.118	0.107	0.124	8.9
4-Chloro-3-methylphenol	0.411	0.412	0.426	0.423	0.420		0.418	1.6
1-Methylnaphthalene	0.785	0.792	0.782	0.798	0.770		0.786	1.4
2-Methylnaphthalene	0.760	0.750	0.773	0.778	0.766		0.766	1.4
Hexachlorocyclopentadiene		0.126	0.322	0.291	0.352	0.400	0.298	35.1
2,4,6-Trichlorophenol	0.327	0.353	0.378	0.392	0.410		0.372	8.7
2,4,5-Trichlorophenol	0.338	0.370	0.396	0.411	0.444		0.392	10.3
1,1-Biphenyl	1.293	1.313	1.279	1.295	1.285		1.293	1.0
2-Chloronaphthalene	0.984	1.021	1.005	1.031	1.049		1.018	2.4
2-Nitroaniline	0.407	0.428	0.413	0.421	0.431		0.420	2.4
Bis(2-Chloroethyl)ether		1.197	1.245	1.235	1.259	1.184	1.224	2.6
Dimethylphthalate	1.723	1.666	1.570	1.572	1.552		1.617	4.6
2,6-Dinitrotoluene	0.308	0.316	0.314	0.321	0.326		0.317	2.1
Acenaphthylene	1.804	1.803	1.760	1.777	1.797		1.788	1.1
3-Nitroaniline		0.287	0.282	0.283	0.277	0.246	0.275	6.0
Acenaphthene	1.177	1.171	1.165	1.164	1.189		1.173	0.9
2,4-Dinitrophenol		0.119	0.147	0.175	0.199	0.201	0.168	20.8
4-Nitrophenol		0.188	0.222	0.234	0.250	0.234	0.225	10.3
Dibenzofuran	1.716	1.705	1.637	1.662	1.667		1.677	1.9
2,4-Dinitrotoluene	0.484	0.483	0.487	0.480	0.477		0.482	0.8
Diethylphthalate	1.687	1.661	1.553	1.568	1.513		1.597	4.7
2-Chlorophenol	1.201	1.247	1.328	1.317	1.330		1.285	4.5

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.: BG052124 SAS No.: BG052124 SDG No.: BG052124

Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____

Calibration Time(s): 10:31 _____

LAB FILE ID:		RRFAL1 = BG061249.D		RRFAL2 = BG061250.D		RRFAL3 = BG061251.D		
		RRFAL4 = BG061252.D		RRFAL5 = BG061253.D		RRFAL6 = BG061254.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.464	1.501	1.438	1.439	1.414		1.451	2.3
4-Chlorophenyl-phenylether	0.870	0.851	0.854	0.844	0.838		0.851	1.4
4-Nitroaniline		0.293	0.300	0.303	0.287	0.250	0.287	7.4
4,6-Dinitro-2-methylphenol		0.114	0.125	0.129	0.133	0.134	0.127	6.2
N-Nitrosodiphenylamine	0.476	0.511	0.508	0.509	0.510		0.503	3.0
1,2,4,5-Tetrachlorobenzene	0.640	0.651	0.633	0.678	0.699		0.660	4.2
4-Bromophenyl-phenylether	0.213	0.243	0.242	0.243	0.245		0.237	5.8
Hexachlorobenzene	0.250	0.260	0.269	0.270	0.268		0.263	3.1
Atrazine		0.224	0.201	0.208	0.188	0.174	0.199	9.5
Pentachlorophenol		0.058	0.078	0.090	0.111	0.122	0.092	27.6
2-Methylphenol		1.228	1.339	1.374	1.345	1.199	1.297	6.0
Phenanthrene	0.966	0.975	0.972	0.983	0.958		0.971	1.0
Pentachlorobenzene	0.277	0.287	0.295	0.297	0.305		0.292	3.6
Anthracene	1.005	1.014	1.003	1.001	0.996		1.004	0.7
1,2,3,4-Tetrachlorobenzene	0.242	0.258	0.268	0.270	0.284		0.264	6.0
Carbazole		0.825	0.840	0.826	0.814	0.778	0.816	2.9
Di-n-butylphthalate	1.012	1.028	1.035	1.029	1.012		1.023	1.0
Fluoranthene	1.198	1.249	1.206	1.297	1.209		1.232	3.4
Pyrene	1.260	1.330	1.246	1.317	1.241		1.279	3.2
Butylbenzylphthalate	0.414	0.429	0.452	0.451	0.451		0.439	3.9
3,3-Dichlorobenzidine		0.454	0.453	0.460	0.416	0.339	0.425	12.0
2,2-oxybis (1-Chloropropane)		3.303	3.459	3.415	3.404	2.947	3.306	6.3
Benzo (a) anthracene	1.334	1.387	1.390	1.413	1.376		1.380	2.1
Chrysene	1.229	1.276	1.275	1.303	1.270		1.271	2.1
Bis (2-ethylhexyl) phthalate	0.634	0.642	0.654	0.663	0.658		0.650	1.8
Di-n-octyl phthalate		1.019	0.995	1.031	1.009	0.949	1.001	3.2
Benzo (b) fluoranthene	1.147	1.221	1.164	1.213	1.209		1.191	2.8
Benzo (k) fluoranthene	1.170	1.191	1.220	1.246	1.219		1.209	2.4
Benzo (a) pyrene	1.069	1.142	1.119	1.161	1.164		1.131	3.5
Indeno (1,2,3-cd) pyrene	1.322	1.376	1.337	1.397	1.405		1.367	2.7
Dibenzo (a,h) anthracene	1.052	1.130	1.116	1.164	1.176		1.128	4.3
Benzo (g,h,i) perylene	1.054	1.085	1.067	1.115	1.116		1.088	2.6
Acetophenone		2.465	2.526	2.464	2.399	2.098	2.390	7.1
2,3,4,6-Tetrachlorophenol	0.287	0.344	0.362	0.385	0.409		0.357	12.9
1,4-Dioxane-d8	0.351	0.330	0.365	0.361	0.380		0.357	5.1
Pyridine-d5		1.354	1.285	1.276	1.236	1.206	1.271	4.4

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG052124 SAS No.: BG052124 SDG No.: BG052124
Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____
Calibration Time(s): 10:31 _____

LAB FILE ID:		RRFAL1 = BG061249.D			RRFAL2 = BG061250.D		RRFAL3 = BG061251.D	
		RRFAL4 = BG061252.D			RRFAL5 = BG061253.D		RRFAL6 = BG061254.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.505	1.723	1.655	1.677	1.652	1.642	5.0
Bis-(2-Chloroethyl)ether-d8		1.013	1.043	1.063	1.057	0.986	1.032	3.1
2-Chlorophenol-d4	1.140	1.133	1.267	1.259	1.278		1.216	5.9
4-Methylphenol-d8		1.312	1.489	1.452	1.439	1.311	1.400	6.0
Nitrobenzene-d5	0.148	0.153	0.158	0.157	0.155		0.154	2.7
2-Nitrophenol-d4	0.174	0.172	0.181	0.187	0.186		0.180	3.7
2,4-Dichlorophenol-d3	0.315	0.344	0.359	0.369	0.371		0.351	6.5
4-Chloroaniline-d4		0.469	0.463	0.473	0.461	0.433	0.460	3.4
4-Methylphenol		1.351	1.564	1.490	1.465	1.314	1.437	7.1
Dimethylphthalate-d6	1.612	1.613	1.518	1.523	1.491		1.551	3.7
Acenaphthylene-d8	1.608	1.650	1.579	1.594	1.633		1.613	1.8
4-Nitrophenol-d4		0.169	0.187	0.203	0.207	0.194	0.192	7.8
Fluorene-d10	1.347	1.384	1.307	1.320	1.338		1.339	2.2
4,6-Dinitro-2-methylphenol-		0.104	0.121	0.123	0.127	0.129	0.121	8.4
Anthracene-d10	0.890	0.877	0.881	0.885	0.876		0.882	0.7
Pyrene-d10	0.991	1.038	1.018	1.073	1.014		1.027	3.0
Benzo(a)pyrene-d12	0.932	0.956	0.950	0.983	0.988		0.962	2.4
N-Nitroso-di-n-propylamine	1.229	1.368	1.398	1.307	1.269		1.314	5.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG NO.: BG053124

EPA Sample No.: SSTD020415 Date Analyzed: Jun 1 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 00:21

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	20969	7.889	99753	10.69	91870	14.52
	UPPER LIMIT	41938	8.389	199506	11.185	183740	15.022
	LOWER LIMIT	10484.5	7.389	49876.5	10.185	45935	14.022
	EPA SAMPLE NO.						
01	BH5S5	29174	7.88	112834	10.67	87015	14.51
02	BH5T9	26082	7.87	102036	10.66	80006	14.51
03	BH6D8	30941	7.87	122879	10.67	93509	14.51
04	BH6D9	27450	7.87	102174	10.67	77519	14.51
05	BH6E2	27271	7.87	108214	10.67	81618	14.51
06	BH6E3	27827	7.88	108959	10.67	81737	14.51
07	BH6E4	28072	7.88	109150	10.67	80896	14.51
08	BH6E6	25312	7.87	102373	10.66	77906	14.51
09	BH619	33376	7.87	131534	10.66	97709	14.51
10	BHBN1DL	28829	7.87	120836	10.67	99915	14.51
11	SLCS127	30430	7.87	118023	10.67	94077	14.51
12	SBLK127	25160	7.88	95800	10.67	78804	14.51
13	BH6D7	23790	7.87	90563	10.67	74032	14.51
14	BH6E1	22035	7.87	84242	10.67	70679	14.51
15	BH5S3	23021	7.87	90848	10.67	72627	14.51
16	BH5S4	23151	7.87	85785	10.66	68104	14.51
17	BH5S6	24164	7.87	95134	10.67	74086	14.50
18	BH5S7	22930	7.87	89410	10.67	68275	14.51
19	BH5T8	24592	7.88	95138	10.67	75776	14.50
20	BH5W1	24177	7.87	97390	10.67	76119	14.51
21	BH6E0	23680	7.87	94451	10.67	74774	14.51
22	BH6E5	27431	7.87	104245	10.66	83048	14.51
23	SBLK108	31908	7.87	122470	10.67	96454	14.51



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG NO.: BG053124

EPA Sample No.: SSTD020415 Date Analyzed: May 31 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 23:40

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	20969	7.889	99753	10.69	91870	14.52
UPPER LIMIT	41938	8.389	199506	11.185	183740	15.022
LOWER LIMIT	10484.5	7.389	49876.5	10.185	45935	14.022
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG NO.: BG053124

EPA Sample No.: SSTD020507 Date Analyzed: May 31 2024 12:00AM

Lab File ID: BG061392.D Time Analyzed: 14:48

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	33665	7.87	134602	10.67	114380	14.51
UPPER LIMIT	67330	8.37	269204	11.167	228760	15.01
LOWER LIMIT	16832.5	7.37	67301	10.167	57190	14.01
EPA SAMPLE NO.						
01 SBLK127	25160	7.88	95800	10.67	78804	14.51
02 BH6D7	23790	7.87	90563	10.67	74032	14.51
03 BH6E1	22035	7.87	84242	10.67	70679	14.51
04 BH5S3	23021	7.87	90848	10.67	72627	14.51
05 BH5S4	23151	7.87	85785	10.66	68104	14.51
06 BH5S6	24164	7.87	95134	10.67	74086	14.50
07 BH5S7	22930	7.87	89410	10.67	68275	14.51
08 BH5T8	24592	7.88	95138	10.67	75776	14.50
09 BH5W1	24177	7.87	97390	10.67	76119	14.51
10 BH6E0	23680	7.87	94451	10.67	74774	14.51
11 BH6E5	27431	7.87	104245	10.66	83048	14.51

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.: BG053124 SAS No.: BG053124 SDG NO.: BG053124

EPA Sample No.: SSTD020508 Date Analyzed: Jun 1 2024 12:00AM

Lab File ID: BG061404.D Time Analyzed: 00:21

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	39999	7.87	156411	10.67	128005	14.51
UPPER LIMIT	79998	8.37	312822	11.167	256010	15.009
LOWER LIMIT	19999.5	7.37	78205.5	10.167	64002.5	14.009
EPA SAMPLE NO.						
01 BH5S5	29174	7.88	112834	10.67	87015	14.51
02 BH5T9	26082	7.87	102036	10.66	80006	14.51
03 BH6D8	30941	7.87	122879	10.67	93509	14.51
04 BH6D9	27450	7.87	102174	10.67	77519	14.51
05 BH6E2	27271	7.87	108214	10.67	81618	14.51
06 BH6E3	27827	7.88	108959	10.67	81737	14.51
07 BH6E4	28072	7.88	109150	10.67	80896	14.51
08 BH6E6	25312	7.87	102373	10.66	77906	14.51
09 BH619	33376	7.87	131534	10.66	97709	14.51
10 BHBN1DL	28829	7.87	120836	10.67	99915	14.51
11 SLCS127	30430	7.87	118023	10.67	94077	14.51
01 SBLK108	31908	7.87	122470	10.67	96454	14.51

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.: BG053124 SAS No.: BG053124 SDG NO.: BG053124

EPA Sample No.: SSTD020415 Date Analyzed: Jun 1 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 00:21

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	227826	17.272	240370	21.52	270964	24.61
	UPPER LIMIT	455652	17.772	480740	22.02	541928	25.11
	LOWER LIMIT	113913	16.772	120185	21.02	135482	24.11
	EPA SAMPLE NO.						
01	BH5S5	214470	17.26	221304	21.51	254016	24.59
02	BH5T9	185632	17.26	191419	21.52	219614	24.60
03	BH6D8	213328	17.26	215336	21.51	251393	24.61
04	BH6D9	180240	17.26	179742	21.52	211441	24.60
05	BH6E2	194712	17.26	204748	21.51	227102	24.60
06	BH6E3	192422	17.26	195884	21.51	223292	24.60
07	BH6E4	190346	17.26	191743	21.51	218746	24.60
08	BH6E6	176001	17.26	180839	21.52	205725	24.59
09	BH619	228212	17.26	229179	21.52	267962	24.60
10	BHBN1DL	238111	17.26	242284	21.51	283762	24.60
11	SLCS127	219985	17.26	234722	21.51	270248	24.60
12	SBLK127	205141	17.26	215763	21.51	246063	24.60
13	BH6D7	194123	17.26	215481	21.51	243597	24.60
14	BH6E1	175268	17.26	187865	21.51	211182	24.60
15	BH5S3	190205	17.25	195004	21.51	226441	24.59
16	BH5S4	172402	17.26	174916	21.51	198815	24.59
17	BH5S6	188488	17.25	200359	21.51	226148	24.59
18	BH5S7	170537	17.26	176943	21.51	203615	24.59
19	BH5T8	183007	17.26	184498	21.51	211334	24.59
20	BH5W1	186134	17.26	191735	21.51	216647	24.59
21	BH6E0	176000	17.26	186274	21.51	213065	24.59

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG053124 SAS No.: BG053124 SDG NO.: BG053124

EPA Sample No.: SSTD020415 Date Analyzed: May 31 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 21:37

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	227826	17.272	240370	21.52	270964	24.61
UPPER LIMIT	455652	17.772	480740	22.02	541928	25.11
LOWER LIMIT	113913	16.772	120185	21.02	135482	24.11
EPA SAMPLE NO.						
22 BH6E5	197960	17.26	208012	21.51	237412	24.60
23 SBLK108	238209	17.26	247322	21.51	276675	24.59

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.: BG053124 SAS No.: BG053124 SDG NO.: BG053124

EPA Sample No.: SSTD020507 Date Analyzed: May 31 2024 12:00AM

Lab File ID: BG061392.D Time Analyzed: 14:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	293978	17.259	316415	21.513	347133	24.598
UPPER LIMIT	587956	17.759	632830	22.013	694266	25.098
LOWER LIMIT	146989	16.759	158207.5	21.013	173566.5	24.098
EPA SAMPLE NO.						
01 SBLK127	205141	17.26	215763	21.51	246063	24.60
02 BH6D7	194123	17.26	215481	21.51	243597	24.60
03 BH6E1	175268	17.26	187865	21.51	211182	24.60
04 BH5S3	190205	17.25	195004	21.51	226441	24.59
05 BH5S4	172402	17.26	174916	21.51	198815	24.59
06 BH5S6	188488	17.25	200359	21.51	226148	24.59
07 BH5S7	170537	17.26	176943	21.51	203615	24.59
08 BH5T8	183007	17.26	184498	21.51	211334	24.59
09 BH5W1	186134	17.26	191735	21.51	216647	24.59
10 BH6E0	176000	17.26	186274	21.51	213065	24.59
11 BH6E5	197960	17.26	208012	21.51	237412	24.60

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.: BG053124 SAS No.: BG053124 SDG NO.: BG053124

EPA Sample No.: SSTD020508 Date Analyzed: Jun 1 2024 12:00AM

Lab File ID: BG061404.D Time Analyzed: 00:21

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	321714	17.259	335795	21.513	374043	24.598
	UPPER LIMIT	643428	17.759	671590	22.013	748086	25.098
	LOWER LIMIT	160857	16.759	167897.5	21.013	187021.5	24.098
	EPA SAMPLE NO.						
01	BH5S5	214470	17.26	221304	21.51	254016	24.59
02	BH5T9	185632	17.26	191419	21.52	219614	24.60
03	BH6D8	213328	17.26	215336	21.51	251393	24.61
04	BH6D9	180240	17.26	179742	21.52	211441	24.60
05	BH6E2	194712	17.26	204748	21.51	227102	24.60
06	BH6E3	192422	17.26	195884	21.51	223292	24.60
07	BH6E4	190346	17.26	191743	21.51	218746	24.60
08	BH6E6	176001	17.26	180839	21.52	205725	24.59
09	BH6I9	228212	17.26	229179	21.52	267962	24.60
10	BHBN1DL	238111	17.26	242284	21.51	283762	24.60
11	SLCS127	219985	17.26	234722	21.51	270248	24.60
01	SBLK108	238209	17.26	247322	21.51	276675	24.59

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.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161127BS	1,4-Dioxane	530	360	ug/Kg	68				0	0		
	Benzaldehyde	1300	960	ug/Kg	74				0	0		
	Pyridine	1300	840	ug/Kg	65				0	0		
	Phenol	1300	810	ug/Kg	62				0	0		
	Bis(2-chloroethyl)ether	1300	790	ug/Kg	61				0	0		
	2-Chlorophenol	1300	860	ug/Kg	66				0	0		
	2-Methylphenol	1300	770	ug/Kg	59				0	0		
	2,2-oxybis(1-Chloropropane)	1300	710	ug/Kg	55				0	0		
	Acetophenone	1300	740	ug/Kg	57				0	0		
	4-Methylphenol	1300	760	ug/Kg	58				0	0		
	N-Nitroso-di-n-propylamine	1300	670	ug/Kg	52				0	0		
	Hexachloroethane	1300	800	ug/Kg	62				0	0		
	Nitrobenzene	1300	850	ug/Kg	65				0	0		
	Isophorone	1300	740	ug/Kg	57				0	0		
	2-Nitrophenol	1300	880	ug/Kg	68				0	0		
	2,4-Dimethylphenol	1300	650	ug/Kg	50				0	0		
	Bis(2-chloroethoxy)methane	1300	800	ug/Kg	62				0	0		
	2,4-Dichlorophenol	1300	920	ug/Kg	71				0	0		
	Naphthalene	1300	870	ug/Kg	67				0	0		
	4-Chloroaniline	1300	730	ug/Kg	56				0	0		
	Hexachlorobutadiene	1300	880	ug/Kg	68				0	0		
	Caprolactam	1300	750	ug/Kg	58				0	0		
	4-Chloro-3-methylphenol	1300	810	ug/Kg	62				0	0		
	1-Methylnaphthalene	1300	830	ug/Kg	64				0	0		
	2-Methylnaphthalene	1300	840	ug/Kg	65				0	0		
	Hexachlorocyclopentadiene	1300	150	ug/Kg	12				0	0		
	2,4,6-Trichlorophenol	1300	960	ug/Kg	74				0	0		
	2,4,5-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	1,1'-Biphenyl	1300	880	ug/Kg	68				0	0		
	2-Chloronaphthalene	1300	910	ug/Kg	70				0	0		
	2-Nitroaniline	1300	840	ug/Kg	65				0	0		
	Dimethylphthalate	1300	760	ug/Kg	58				0	0		
	2,6-Dinitrotoluene	1300	830	ug/Kg	64				0	0		
	Acenaphthylene	1300	830	ug/Kg	64				0	0		
	3-Nitroaniline	1300	930	ug/Kg	72				0	0		
	Acenaphthene	1300	860	ug/Kg	66				0	0		
	2,4-Dinitrophenol	1300	670	ug/Kg	52				0	0		
	4-Nitrophenol	1300	810	ug/Kg	62				0	0		
	Dibenzofuran	1300	860	ug/Kg	66				0	0		
	2,4-Dinitrotoluene	1300	840	ug/Kg	65				0	0		
	Diethylphthalate	1300	760	ug/Kg	58				0	0		
	Fluorene	1300	840	ug/Kg	65				0	0		
	4-Chlorophenyl-phenylether	1300	820	ug/Kg	63				0	0		
	4-Nitroaniline	1300	960	ug/Kg	74				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161127BS	4,6-Dinitro-2-methylphenol	1300	780	ug/Kg	60				0	0		
	N-Nitrosodiphenylamine	1300	910	ug/Kg	70				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	930	ug/Kg	72				0	0		
	4-Bromophenyl-phenylether	1300	900	ug/Kg	69				0	0		
	Hexachlorobenzene	1300	930	ug/Kg	72				0	0		
	Atrazine	1300	870	ug/Kg	67				0	0		
	Pentachlorophenol	1300	810	ug/Kg	62				0	0		
	Phenanthrene	1300	890	ug/Kg	68				0	0		
	Pentachlorobenzene	1300	960	ug/Kg	74				0	0		
	Anthracene	1300	860	ug/Kg	66				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Carbazole	1300	920	ug/Kg	71				0	0		
	Di-n-butylphthalate	1300	880	ug/Kg	68				0	0		
	Fluoranthene	1300	870	ug/Kg	67				0	0		
	Pyrene	1300	880	ug/Kg	68				0	0		
	Butylbenzylphthalate	1300	900	ug/Kg	69				0	0		
	3,3'-Dichlorobenzidine	1300	950	ug/Kg	73				0	0		
	Benzo(a)anthracene	1300	880	ug/Kg	68				0	0		
	Chrysene	1300	890	ug/Kg	68				0	0		
	Bis(2-ethylhexyl)phthalate	1300	870	ug/Kg	67				0	0		
	Di-n-octylphthalate	1300	850	ug/Kg	65				0	0		
	Benzo(b)fluoranthene	1300	860	ug/Kg	66				0	0		
	Benzo(k)fluoranthene	1300	860	ug/Kg	66				0	0		
	Benzo(a)pyrene	1300	780	ug/Kg	60				0	0		
	Indeno(1,2,3-cd)pyrene	1300	880	ug/Kg	68				0	0		
	Dibenzo(a,h)anthracene	1300	890	ug/Kg	68				0	0		
	Benzo(g,h,i)perylene	1300	850	ug/Kg	65				0	0		
	2,3,4,6-Tetrachlorophenol	1300	910	ug/Kg	70				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK108

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG053124

SAS No.: BG053124 SDG NO.: BG053124

Lab File ID: BG061405.D

Lab Sample ID: PB161108BL

Instrument ID: BNA_G

Date Extracted: 05/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/31/2024

Level: (low/med) LOW

Time Analyzed: 23:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH619	P2549-02	BG061414.D	06/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK127

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG053124

SAS No.: BG053124 SDG NO.: BG053124

Lab File ID: BG061393.D

Lab Sample ID: PB161127BL

Instrument ID: BNA_G

Date Extracted: 05/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/31/2024

Level: (low/med) LOW

Time Analyzed: 14:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH6D7	P2588-12	BG061394.D	05/31/2024
BH6E1	P2588-16	BG061395.D	05/31/2024
BH5S3	P2588-02	BG061396.D	05/31/2024
BH5S4	P2588-03	BG061397.D	05/31/2024
BH5S6	P2588-07	BG061398.D	05/31/2024
BH5S7	P2588-08	BG061399.D	05/31/2024
BH5T8	P2588-09	BG061400.D	05/31/2024
BH5W1	P2588-11	BG061401.D	05/31/2024
BH6E0	P2588-15	BG061402.D	05/31/2024
BH6E5	P2588-20	BG061403.D	05/31/2024
BH5S5	P2588-04	BG061406.D	06/01/2024
BH5T9	P2588-10	BG061407.D	06/01/2024
BH6D8	P2588-13	BG061408.D	06/01/2024
BH6D9	P2588-14	BG061409.D	06/01/2024
BH6E2	P2588-17	BG061410.D	06/01/2024
BH6E3	P2588-18	BG061411.D	06/01/2024
BH6E4	P2588-19	BG061412.D	06/01/2024
BH6E6	P2588-21	BG061413.D	06/01/2024
PB161127BS	PB161127BS	BG061416.D	06/01/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-02	BH619	BG061414.D	1,4-Dioxane-d8	8	3.62	45		15	120
			Pyridine-d5	40	7.39	18	*	20	120
			Phenol-d5	40	16.36	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.28	43		10	150
			2-Chlorophenol-d4	40	18.18	45		15	120
			4-Methylphenol-d8	40	12.65	32		10	140
			Nitrobenzene-d5	40	18.45	46		10	135
			2-Nitrophenol-d4	40	18.38	46		10	120
			2,4-Dichlorophenol-d3	40	19.15	48		10	140
			4-Chloroaniline-d4	40	6.02	15		1	145
			Dimethylphthalate-d6	40	18.70	47		10	145
			Acenaphthylene-d8	40	19.78	49		15	120
			4-Nitrophenol-d4	40	12.62	32		10	150
			Fluorene-d10	40	19.73	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.81	27		10	130
			Anthracene-d10	40	20.83	52		10	150
			Pyrene-d10	40	21.21	53		10	130
			Benzo(a)pyrene-d12	40	20.42	51		10	140
P2549-23DL	BHBN1DL	BG061415.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	14.70	37		20	120
			Phenol-d5	40	22.17	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.24	53		10	150
			2-Chlorophenol-d4	40	21.26	53		15	120
			4-Methylphenol-d8	40	18.88	47		10	140
			Nitrobenzene-d5	40	20.87	52		10	135
			2-Nitrophenol-d4	40	21.15	53		10	120
			2,4-Dichlorophenol-d3	40	24.37	61		10	140
			4-Chloroaniline-d4	40	7.54	19		1	145
			Dimethylphthalate-d6	40	22.13	55		10	145
			Acenaphthylene-d8	40	23.43	59		15	120
			4-Nitrophenol-d4	40	14.65	37		10	150
			Fluorene-d10	40	23.24	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.77	17		10	130
			Anthracene-d10	40	24.86	62		10	150
			Pyrene-d10	40	24.82	62		10	130
			Benzo(a)pyrene-d12	40	23.89	60		10	140
PB161108BL	PB161108BL	BG061405.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Pyridine-d5	40	24.28	61		20	120
			Phenol-d5	40	25.05	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.68	62		10	150
			2-Chlorophenol-d4	40	27.18	68		15	120
			4-Methylphenol-d8	40	24.92	62		10	140
			Nitrobenzene-d5	40	28.62	72		10	135
			2-Nitrophenol-d4	40	28.42	71		10	120
			2,4-Dichlorophenol-d3	40	27.73	69		10	140
			4-Chloroaniline-d4	40	27.05	68		1	145
			Dimethylphthalate-d6	40	26.86	67		10	145
			Acenaphthylene-d8	40	28.46	71		15	120
			4-Nitrophenol-d4	40	26.07	65		10	150



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

Surrogate Summary

SW-846

SDG No.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161108BL	PB161108BL	BG061405.D	Fluorene-d10	40	27.96	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.92	55		10	130
			Anthracene-d10	40	29.20	73		10	150
			Pyrene-d10	40	29.13	73		10	130
			Benzo(a)pyrene-d12	40	29.69	74		10	140

Surrogate Summary

SW-846

SDG No.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2588-02	BH5S3	BG061396.D	1,4-Dioxane-d8	8	6.33	79		15	120
			Pyridine-d5	40	16.79	42		20	120
			Phenol-d5	40	25.60	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.12	63		10	150
			2-Chlorophenol-d4	40	26.75	67		15	120
			4-Methylphenol-d8	40	21.29	53		10	140
			Nitrobenzene-d5	40	27.46	69		10	135
			2-Nitrophenol-d4	40	27.53	69		10	120
			2,4-Dichlorophenol-d3	40	27.91	70		10	140
			4-Chloroaniline-d4	40	18.27	46		1	145
			Dimethylphthalate-d6	40	27.25	68		10	145
			Acenaphthylene-d8	40	28.61	72		15	120
			4-Nitrophenol-d4	40	24.38	61		10	150
			Fluorene-d10	40	29.43	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.16	58		10	130
			Anthracene-d10	40	28.48	71		10	150
			Pyrene-d10	40	30.45	76		10	130
			Benzo(a)pyrene-d12	40	29.99	75		10	140
P2588-03	BH5S4	BG061397.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Pyridine-d5	40	15.49	39		20	120
			Phenol-d5	40	16.76	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.78	42		10	150
			2-Chlorophenol-d4	40	18.42	46		15	120
			4-Methylphenol-d8	40	16.52	41		10	140
			Nitrobenzene-d5	40	19.93	50		10	135
			2-Nitrophenol-d4	40	20.21	51		10	120
			2,4-Dichlorophenol-d3	40	20.47	51		10	140
			4-Chloroaniline-d4	40	17.76	44		1	145
			Dimethylphthalate-d6	40	22.82	57		10	145
			Acenaphthylene-d8	40	22.46	56		15	120
			4-Nitrophenol-d4	40	22.44	56		10	150
			Fluorene-d10	40	24.38	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.95	47		10	130
			Anthracene-d10	40	26.67	67		10	150
			Pyrene-d10	40	27.82	70		10	130
			Benzo(a)pyrene-d12	40	27.96	70		10	140
P2588-04	BH5S5	BG061406.D	1,4-Dioxane-d8	8	2.81	35		15	120
			Pyridine-d5	40	11.67	29		20	120
			Phenol-d5	40	13.83	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.18	33		10	150
			2-Chlorophenol-d4	40	15.07	38		15	120
			4-Methylphenol-d8	40	12.27	31		10	140
			Nitrobenzene-d5	40	15.23	38		10	135
			2-Nitrophenol-d4	40	14.92	37		10	120
			2,4-Dichlorophenol-d3	40	16.74	42		10	140
			4-Chloroaniline-d4	40	12.93	32		1	145
			Dimethylphthalate-d6	40	16.98	42		10	145
			Acenaphthylene-d8	40	17.58	44		15	120
			4-Nitrophenol-d4	40	16.00	40		10	150

Surrogate Summary

SW-846

SDG No.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2588-04	BH5S5	BG061406.D	Fluorene-d10	40	18.31	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.06	35		10	130
			Anthracene-d10	40	21.10	53		10	150
			Pyrene-d10	40	21.37	53		10	130
			Benzo(a)pyrene-d12	40	21.40	54		10	140
P2588-07	BH5S6	BG061398.D	1,4-Dioxane-d8	8	2.44	30		15	120
			Pyridine-d5	40	10.95	27		20	120
			Phenol-d5	40	14.76	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.65	32		10	150
			2-Chlorophenol-d4	40	13.09	33		15	120
			4-Methylphenol-d8	40	12.77	32		10	140
			Nitrobenzene-d5	40	14.59	36		10	135
			2-Nitrophenol-d4	40	14.55	36		10	120
			2,4-Dichlorophenol-d3	40	16.80	42		10	140
			4-Chloroaniline-d4	40	13.62	34		1	145
			Dimethylphthalate-d6	40	18.22	46		10	145
			Acenaphthylene-d8	40	18.22	46		15	120
			4-Nitrophenol-d4	40	19.66	49		10	150
			Fluorene-d10	40	20.46	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.41	41		10	130
			Anthracene-d10	40	23.04	58		10	150
			Pyrene-d10	40	24.09	60		10	130
			Benzo(a)pyrene-d12	40	24.52	61		10	140
P2588-08	BH5S7	BG061399.D	1,4-Dioxane-d8	8	4.28	53		15	120
			Pyridine-d5	40	19.07	48		20	120
			Phenol-d5	40	18.02	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.67	49		10	150
			2-Chlorophenol-d4	40	20.02	50		15	120
			4-Methylphenol-d8	40	16.83	42		10	140
			Nitrobenzene-d5	40	22.19	55		10	135
			2-Nitrophenol-d4	40	20.94	52		10	120
			2,4-Dichlorophenol-d3	40	21.80	54		10	140
			4-Chloroaniline-d4	40	17.69	44		1	145
			Dimethylphthalate-d6	40	21.95	55		10	145
			Acenaphthylene-d8	40	22.91	57		15	120
			4-Nitrophenol-d4	40	20.46	51		10	150
			Fluorene-d10	40	23.61	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.91	47		10	130
			Anthracene-d10	40	26.26	66		10	150
			Pyrene-d10	40	27.26	68		10	130
			Benzo(a)pyrene-d12	40	27.50	69		10	140
P2588-09	BH5T8	BG061400.D	1,4-Dioxane-d8	8	4.85	61		15	120
			Pyridine-d5	40	12.02	30		20	120
			Phenol-d5	40	19.08	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.92	50		10	150
			2-Chlorophenol-d4	40	20.65	52		15	120
			4-Methylphenol-d8	40	11.05	28		10	140
			Nitrobenzene-d5	40	22.24	56		10	135
			2-Nitrophenol-d4	40	22.46	56		10	120

Surrogate Summary

SW-846

SDG No.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2588-09	BH5T8	BG061400.D	2,4-Dichlorophenol-d3	40	21.78	54		10	140
			4-Chloroaniline-d4	40	6.77	17		1	145
			Dimethylphthalate-d6	40	21.86	55		10	145
			Acenaphthylene-d8	40	23.52	59		15	120
			4-Nitrophenol-d4	40	16.89	42		10	150
			Fluorene-d10	40	23.52	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.79	42		10	130
			Anthracene-d10	40	23.99	60		10	150
			Pyrene-d10	40	24.88	62		10	130
			Benzo(a)pyrene-d12	40	24.38	61		10	140
P2588-10	BH5T9	BG061407.D	1,4-Dioxane-d8	8	3.91	49		15	120
			Pyridine-d5	40	12.78	32		20	120
			Phenol-d5	40	21.28	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.80	52		10	150
			2-Chlorophenol-d4	40	22.96	57		15	120
			4-Methylphenol-d8	40	16.14	40		10	140
			Nitrobenzene-d5	40	22.61	57		10	135
			2-Nitrophenol-d4	40	23.99	60		10	120
			2,4-Dichlorophenol-d3	40	23.62	59		10	140
			4-Chloroaniline-d4	40	7.99	20		1	145
			Dimethylphthalate-d6	40	23.28	58		10	145
			Acenaphthylene-d8	40	24.73	62		15	120
			4-Nitrophenol-d4	40	20.67	52		10	150
			Fluorene-d10	40	25.34	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.36	43		10	130
			Anthracene-d10	40	26.18	65		10	150
			Pyrene-d10	40	26.75	67		10	130
			Benzo(a)pyrene-d12	40	25.76	64		10	140
P2588-11	BH5W1	BG061401.D	Pyridine-d5	40	16.99	42		20	120
			1,4-Dioxane-d8	8	4.12	51		15	120
			Phenol-d5	40	16.98	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.89	42		10	150
			2-Chlorophenol-d4	40	18.34	46		15	120
			4-Methylphenol-d8	40	15.76	39		10	140
			Nitrobenzene-d5	40	18.39	46		10	135
			2-Nitrophenol-d4	40	18.68	47		10	120
			2,4-Dichlorophenol-d3	40	19.32	48		10	140
			4-Chloroaniline-d4	40	16.34	41		1	145
			Dimethylphthalate-d6	40	19.18	48		10	145
			Acenaphthylene-d8	40	20.61	52		15	120
			4-Nitrophenol-d4	40	21.11	53		10	150
			Fluorene-d10	40	20.88	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.39	43		10	130
			Anthracene-d10	40	23.38	58		10	150
			Pyrene-d10	40	24.28	61		10	130
			Benzo(a)pyrene-d12	40	24.92	62		10	140
P2588-12	BH6D7	BG061394.D	1,4-Dioxane-d8	8	1.67	21		15	120
			Pyridine-d5	40	8.45	21		20	120
			Phenol-d5	40	9.42	24		10	130

Surrogate Summary

SW-846

SDG No.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2588-12	BH6D7	BG061394.D	Bis(2-Chloroethyl)ether-d8	40	8.87	22		10	150
			2-Chlorophenol-d4	40	9.08	23		15	120
			4-Methylphenol-d8	40	8.80	22		10	140
			Nitrobenzene-d5	40	10.85	27		10	135
			2-Nitrophenol-d4	40	10.47	26		10	120
			2,4-Dichlorophenol-d3	40	11.43	29		10	140
			4-Chloroaniline-d4	40	11.19	28		1	145
			Dimethylphthalate-d6	40	14.50	36		10	145
			Acenaphthylene-d8	40	13.56	34		15	120
			4-Nitrophenol-d4	40	16.31	41		10	150
			Fluorene-d10	40	15.57	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.26	33		10	130
			Anthracene-d10	40	17.62	44		10	150
			Pyrene-d10	40	19.59	49		10	130
			Benzo(a)pyrene-d12	40	20.38	51		10	140
P2588-13	BH6D8	BG061408.D	1,4-Dioxane-d8	8	3.00	37		15	120
			Pyridine-d5	40	6.83	17	*	20	120
			Phenol-d5	40	12.63	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.50	34		10	150
			2-Chlorophenol-d4	40	14.14	35		15	120
			4-Methylphenol-d8	40	6.82	17		10	140
			Nitrobenzene-d5	40	14.89	37		10	135
			2-Nitrophenol-d4	40	14.88	37		10	120
			2,4-Dichlorophenol-d3	40	14.36	36		10	140
			4-Chloroaniline-d4	40	2.24	6		1	145
			Dimethylphthalate-d6	40	15.01	38		10	145
			Acenaphthylene-d8	40	16.10	40		15	120
			4-Nitrophenol-d4	40	10.80	27		10	150
			Fluorene-d10	40	16.46	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.76	24		10	130
			Anthracene-d10	40	17.59	44		10	150
			Pyrene-d10	40	18.07	45		10	130
P2588-14	BH6D9	BG061409.D	Benzo(a)pyrene-d12	40	17.18	43		10	140
			1,4-Dioxane-d8	8	4.31	54		15	120
			Pyridine-d5	40	10.26	26		20	120
			Phenol-d5	40	18.29	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.90	50		10	150
			2-Chlorophenol-d4	40	21.15	53		15	120
			4-Methylphenol-d8	40	8.66	22		10	140
			Nitrobenzene-d5	40	23.53	59		10	135
			2-Nitrophenol-d4	40	22.66	57		10	120
			2,4-Dichlorophenol-d3	40	22.32	56		10	140
			4-Chloroaniline-d4	40	8.35	21		1	145
			Dimethylphthalate-d6	40	23.09	58		10	145
			Acenaphthylene-d8	40	24.51	61		15	120
			4-Nitrophenol-d4	40	16.57	41		10	150
			Fluorene-d10	40	24.52	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.63	37		10	130
			Anthracene-d10	40	26.20	66		10	150

Surrogate Summary

SW-846

SDG No.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2588-14	BH6D9	BG061409.D	Pyrene-d10	40	28.02	70		10	130
			Benzo(a)pyrene-d12	40	26.44	66		10	140
P2588-15	BH6E0	BG061402.D	Pyridine-d5	40	12.20	31		20	120
			1,4-Dioxane-d8	8	5.02	63		15	120
			Phenol-d5	40	19.23	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.81	50		10	150
			2-Chlorophenol-d4	40	21.43	54		15	120
			4-Methylphenol-d8	40	12.46	31		10	140
			Nitrobenzene-d5	40	20.95	52		10	135
			2-Nitrophenol-d4	40	21.76	54		10	120
			2,4-Dichlorophenol-d3	40	21.60	54		10	140
			4-Chloroaniline-d4	40	10.10	25		1	145
			Dimethylphthalate-d6	40	21.59	54		10	145
			Acenaphthylene-d8	40	22.80	57		15	120
			4-Nitrophenol-d4	40	15.18	38		10	150
			Fluorene-d10	40	23.08	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.89	32		10	130
			Anthracene-d10	40	24.63	62		10	150
			Pyrene-d10	40	24.86	62		10	130
			Benzo(a)pyrene-d12	40	24.63	62		10	140
P2588-16	BH6E1	BG061395.D	1,4-Dioxane-d8	8	4.44	55		15	120
			Pyridine-d5	40	17.80	45		20	120
			Phenol-d5	40	17.87	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.16	43		10	150
			2-Chlorophenol-d4	40	18.76	47		15	120
			4-Methylphenol-d8	40	16.10	40		10	140
			Nitrobenzene-d5	40	19.86	50		10	135
			2-Nitrophenol-d4	40	20.85	52		10	120
			2,4-Dichlorophenol-d3	40	20.79	52		10	140
			4-Chloroaniline-d4	40	18.69	47		1	145
			Dimethylphthalate-d6	40	22.43	56		10	145
			Acenaphthylene-d8	40	22.03	55		15	120
			4-Nitrophenol-d4	40	18.69	47		10	150
			Fluorene-d10	40	23.10	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.91	37		10	130
			Anthracene-d10	40	24.67	62		10	150
			Pyrene-d10	40	26.70	67		10	130
			Benzo(a)pyrene-d12	40	28.17	70		10	140
P2588-17	BH6E2	BG061410.D	1,4-Dioxane-d8	8	4.66	58		15	120
			Pyridine-d5	40	20.92	52		20	120
			Phenol-d5	40	23.32	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.21	56		10	150
			2-Chlorophenol-d4	40	24.97	62		15	120
			4-Methylphenol-d8	40	21.24	53		10	140
			Nitrobenzene-d5	40	24.22	61		10	135
			2-Nitrophenol-d4	40	25.09	63		10	120
			2,4-Dichlorophenol-d3	40	26.15	65		10	140
			4-Chloroaniline-d4	40	21.53	54		1	145
			Dimethylphthalate-d6	40	25.85	65		10	145

Surrogate Summary

SW-846

SDG No.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2588-17	BH6E2	BG061410.D	Acenaphthylene-d8	40	27.53	69		15	120
			4-Nitrophenol-d4	40	24.51	61		10	150
			Fluorene-d10	40	28.04	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.50	46		10	130
			Anthracene-d10	40	31.75	79		10	150
			Pyrene-d10	40	31.81	80		10	130
			Benzo(a)pyrene-d12	40	32.58	81		10	140
P2588-18	BH6E3	BG061411.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Pyridine-d5	40	12.40	31		20	120
			Phenol-d5	40	16.27	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.22	41		10	150
			2-Chlorophenol-d4	40	17.98	45		15	120
			4-Methylphenol-d8	40	15.65	39		10	140
			Nitrobenzene-d5	40	18.59	46		10	135
			2-Nitrophenol-d4	40	18.30	46		10	120
			2,4-Dichlorophenol-d3	40	18.66	47		10	140
			4-Chloroaniline-d4	40	13.90	35		1	145
			Dimethylphthalate-d6	40	18.88	47		10	145
			Acenaphthylene-d8	40	19.90	50		15	120
			4-Nitrophenol-d4	40	14.09	35		10	150
			Fluorene-d10	40	20.48	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.86	30		10	130
			Anthracene-d10	40	22.25	56		10	150
			Pyrene-d10	40	22.61	57		10	130
			Benzo(a)pyrene-d12	40	22.73	57		10	140
			1,4-Dioxane-d8	8	2.80	35		15	120
			Pyridine-d5	40	14.21	36		20	120
			Phenol-d5	40	16.00	40		10	130
P2588-19	BH6E4	BG061412.D	Bis(2-Chloroethyl)ether-d8	40	16.69	42		10	150
			2-Chlorophenol-d4	40	17.60	44		15	120
			4-Methylphenol-d8	40	15.10	38		10	140
			Nitrobenzene-d5	40	18.55	46		10	135
			2-Nitrophenol-d4	40	18.35	46		10	120
			2,4-Dichlorophenol-d3	40	19.20	48		10	140
			4-Chloroaniline-d4	40	15.59	39		1	145
			Dimethylphthalate-d6	40	19.39	48		10	145
			Acenaphthylene-d8	40	20.43	51		15	120
			4-Nitrophenol-d4	40	16.71	42		10	150
			Fluorene-d10	40	20.71	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.96	32		10	130
			Anthracene-d10	40	22.61	57		10	150
			Pyrene-d10	40	23.50	59		10	130
			Benzo(a)pyrene-d12	40	23.50	59		10	140
			1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	16.44	41		20	120
			Phenol-d5	40	16.85	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.54	44		10	150
			2-Chlorophenol-d4	40	18.50	46		15	120
			4-Methylphenol-d8	40	14.25	36		10	140
P2588-20	BH6E5	BG061403.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	16.44	41		20	120
			Phenol-d5	40	16.85	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.54	44		10	150
			2-Chlorophenol-d4	40	18.50	46		15	120

Surrogate Summary

SW-846

SDG No.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2588-20	BH6E5	BG061403.D	Nitrobenzene-d5	40	20.91	52		10	135
			2-Nitrophenol-d4	40	20.50	51		10	120
			2,4-Dichlorophenol-d3	40	21.18	53		10	140
			4-Chloroaniline-d4	40	16.26	41		1	145
			Dimethylphthalate-d6	40	20.97	52		10	145
			Acenaphthylene-d8	40	22.37	56		15	120
			4-Nitrophenol-d4	40	17.32	43		10	150
			Fluorene-d10	40	22.40	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.83	42		10	130
			Anthracene-d10	40	25.37	63		10	150
			Pyrene-d10	40	25.58	64		10	130
			Benzo(a)pyrene-d12	40	26.12	65		10	140
P2588-21	BH6E6	BG061413.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Pyridine-d5	40	16.50	41		20	120
			Phenol-d5	40	18.14	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.82	50		10	150
			2-Chlorophenol-d4	40	21.95	55		15	120
			4-Methylphenol-d8	40	16.26	41		10	140
			Nitrobenzene-d5	40	20.37	51		10	135
			2-Nitrophenol-d4	40	21.71	54		10	120
			2,4-Dichlorophenol-d3	40	22.19	55		10	140
			4-Chloroaniline-d4	40	16.41	41		1	145
			Dimethylphthalate-d6	40	22.23	56		10	145
			Acenaphthylene-d8	40	23.42	59		15	120
			4-Nitrophenol-d4	40	17.17	43		10	150
			Fluorene-d10	40	23.91	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.58	36		10	130
			Anthracene-d10	40	27.85	70		10	150
			Pyrene-d10	40	27.62	69		10	130
			Benzo(a)pyrene-d12	40	27.85	70		10	140
PB161127BL	PB161127BL	BG061393.D	Pyridine-d5	40	32.20	80		20	120
			1,4-Dioxane-d8	8	6.89	86		15	120
			Phenol-d5	40	27.26	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.89	70		10	150
			2-Chlorophenol-d4	40	29.53	74		15	120
			4-Methylphenol-d8	40	26.82	67		10	140
			Nitrobenzene-d5	40	31.57	79		10	135
			2-Nitrophenol-d4	40	30.42	76		10	120
			2,4-Dichlorophenol-d3	40	29.67	74		10	140
			4-Chloroaniline-d4	40	30.94	77		1	145
			Dimethylphthalate-d6	40	32.62	82		10	145
			Acenaphthylene-d8	40	32.06	80		15	120
			4-Nitrophenol-d4	40	31.44	79		10	150
			Fluorene-d10	40	32.20	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.31	66		10	130
			Anthracene-d10	40	33.36	83		10	150
			Pyrene-d10	40	33.37	83		10	130
			Benzo(a)pyrene-d12	40	33.47	84		10	140
PB161127BS	PB161127BS	BG061416.D	1,4-Dioxane-d8	8	5.66	71		15	120



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

Surrogate Summary

SW-846

SDG No.: BG053124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161127BS	PB161127BS	BG061416.D	Pyridine-d5	40	26.35	66		20	120
			Phenol-d5	40	25.20	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.60	61		10	150
			2-Chlorophenol-d4	40	26.89	67		15	120
			4-Methylphenol-d8	40	24.04	60		10	140
			Nitrobenzene-d5	40	27.83	70		10	135
			2-Nitrophenol-d4	40	27.67	69		10	120
			2,4-Dichlorophenol-d3	40	27.96	70		10	140
			4-Chloroaniline-d4	40	24.72	62		1	145
			Dimethylphthalate-d6	40	24.52	61		10	145
			Acenaphthylene-d8	40	26.95	67		15	120
			4-Nitrophenol-d4	40	25.61	64		10	150
			Fluorene-d10	40	26.32	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.09	60		10	130
			Anthracene-d10	40	27.78	69		10	150
			Pyrene-d10	40	27.36	68		10	130
			Benzo(a)pyrene-d12	40	27.81	70		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG053124

Lab Code: CHEM

SAS No.: BG053124

SDG NO.: BG053124

Lab File ID: BG061391.D

DFTPP Injection Date: 05/31/2024

Instrument ID: BNA_G

DFTPP Injection Time: 13:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.9
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	38.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	31.8
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	86.7
443	15.0 - 24.0% of mass 442	17.5 (20.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020507	SSTDCCC020	BG061392.D	05/31/2024	14:07
SBLK127	PB161127BL	BG061393.D	05/31/2024	14:48
BH6D7	P2588-12	BG061394.D	05/31/2024	15:28
BH6E1	P2588-16	BG061395.D	05/31/2024	16:09
BH5S3	P2588-02	BG061396.D	05/31/2024	16:50
BH5S4	P2588-03	BG061397.D	05/31/2024	17:31
BH5S6	P2588-07	BG061398.D	05/31/2024	18:12
BH5S7	P2588-08	BG061399.D	05/31/2024	18:53
BH5T8	P2588-09	BG061400.D	05/31/2024	19:34
BH5W1	P2588-11	BG061401.D	05/31/2024	20:15
BH6E0	P2588-15	BG061402.D	05/31/2024	20:56
BH6E5	P2588-20	BG061403.D	05/31/2024	21:37
SSTD020508	SSTDCCC020	BG061404.D	05/31/2024	22:59
SBLK108	PB161108BL	BG061405.D	05/31/2024	23:40
BH5S5	P2588-04	BG061406.D	06/01/2024	00:21
BH5T9	P2588-10	BG061407.D	06/01/2024	01:02
BH6D8	P2588-13	BG061408.D	06/01/2024	01:43
BH6D9	P2588-14	BG061409.D	06/01/2024	02:24

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG053124

Lab Code: CHEM

SAS No.: BG053124

SDG NO.: BG053124

Lab File ID: BG061391.D

DFTPP Injection Date: 05/31/2024

Instrument ID: BNA_G

DFTPP Injection Time: 13:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.9
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	38.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	31.8
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	86.7
443	15.0 - 24.0% of mass 442	17.5 (20.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
BH6E2	P2588-17	BG061410.D	06/01/2024	03:06
BH6E3	P2588-18	BG061411.D	06/01/2024	03:47
BH6E4	P2588-19	BG061412.D	06/01/2024	04:28
BH6E6	P2588-21	BG061413.D	06/01/2024	05:10
BH619	P2549-02	BG061414.D	06/01/2024	05:51
BHBN1DL	P2549-23DL	BG061415.D	06/01/2024	06:32
SLCS127	PB161127BS	BG061416.D	06/01/2024	07:13
SSTD020509	SSTDCCC020EC	BG061417.D	06/01/2024	07:54