

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG060424 SAS No.: BG060424 SDG No.: BG060424

Instrument ID: BNA_G Calibration Date/Time: 6/4/2024 12:11:23

Lab File ID: BG061450.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020513 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	0.426	0.010	-0.6183	40.0
Benzaldehyde	0.859	0.765	0.010	-10.8744	40.0
Pyridine	1.258	1.268	0.010	0.8115	40.0
Phenol	1.673	1.726	0.080	3.1288	20.0
Bis(2-Chloroethyl)ether	1.224	1.332	0.100	8.8163	20.0
2-Chlorophenol	1.285	1.295	0.200	0.8207	20.0
2-Methylphenol	1.297	1.601	0.010	23.4842	20.0
2,2-oxybis(1-Chloropropane)	3.306	3.603	0.010	9.0062	40.0
Acetophenone	2.390	2.855	0.060	19.4381	20.0
4-Methylphenol	1.437	1.674	0.010	16.4861	20.0
N-Nitroso-di-n-propylamine	1.314	1.515	0.050	15.2723	30.0
Hexachloroethane	0.572	0.685	0.100	19.7953	20.0
Nitrobenzene	0.422	0.418	0.050	-1.122	25.0
Isophorone	0.859	0.850	0.050	-1.1183	25.0
2-Nitrophenol	0.196	0.195	0.050	-0.5036	25.0
2,4-Dimethylphenol	0.388	0.393	0.050	1.3164	25.0
Bis(2-Chloroethoxy)methane	0.431	0.446	0.050	3.5786	20.0
2,4-Dichlorophenol	0.324	0.351	0.060	8.4417	20.0
Naphthalene	1.056	1.083	0.200	2.5761	20.0
4-Chloroaniline	0.457	0.464	0.010	1.5772	40.0
Hexachlorobutadiene	0.316	0.331	0.040	4.6044	30.0
Caprolactam	0.124	0.140	0.010	12.8384	40.0
4-Chloro-3-methylphenol	0.418	0.430	0.040	2.6899	25.0
1-Methylnaphthalene	0.786	0.809	0.100	2.9629	20.0
2-Methylnaphthalene	0.766	0.798	0.100	4.2877	20.0
Hexachlorocyclopentadiene	0.298	0.355	0.010	18.9627	40.0
2,4,6-Trichlorophenol	0.372	0.407	0.090	9.4539	25.0
2,4,5-Trichlorophenol	0.392	0.437	0.100	11.6554	25.0
1,1-Biphenyl	1.293	1.353	0.200	4.6092	20.0
2-Chloronaphthalene	1.018	1.044	0.300	2.5819	20.0
2-Nitroaniline	0.420	0.421	0.050	0.204	40.0
Dimethylphthalate	1.617	1.624	0.300	0.4527	20.0
2,6-Dinitrotoluene	0.317	0.326	0.080	2.756	30.0
Acenaphthylene	1.788	1.830	0.400	2.322	20.0
3-Nitroaniline	0.275	0.275	0.010	-0.0037	40.0
Acenaphthene	1.173	1.200	0.200	2.3199	20.0
2,4-Dinitrophenol	0.168	0.192	0.010	14.0173	40.0
4-Nitrophenol	0.225	0.177	0.010	-21.4559	40.0
Dibenzofuran	1.677	1.723	0.300	2.7146	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG060424 SAS No.: BG060424 SDG No.: BG060424
Instrument ID: BNA_G Calibration Date/Time: 6/4/2024 12:11:23
Lab File ID: BG061450.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020513 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	0.508	0.070	5.263	30.0
Diethylphthalate	1.597	1.634	0.300	2.3289	20.0
Fluorene	1.451	1.524	0.200	5.0472	20.0
4-Chlorophenyl-phenylether	0.851	0.897	0.100	5.3353	20.0
4-Nitroaniline	0.287	0.284	0.010	-0.7729	40.0
4,6-Dinitro-2-methylphenol	0.127	0.119	0.010	-6.4563	40.0
N-Nitrosodiphenylamine	0.503	0.513	0.050	2.0208	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.714	0.100	8.0636	20.0
4-Bromophenyl-phenylether	0.237	0.251	0.070	5.7857	20.0
Hexachlorobenzene	0.263	0.282	0.050	7.0202	25.0
Atrazine	0.199	0.194	0.010	-2.3775	25.0
Pentachlorophenol	0.092	0.108	0.010	17.4368	40.0
Phenanthrene	0.971	0.996	0.200	2.6008	20.0
Pentachlorobenzene	0.292	0.301	0.050	3.0162	20.0
Anthracene	1.004	1.044	0.200	4.0106	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.273	0.050	3.228	20.0
Carbazole	0.816	0.865	0.050	5.9636	40.0
Di-n-butylphthalate	1.023	1.067	0.500	4.2781	25.0
Fluoranthene	1.232	1.230	0.400	-0.186	25.0
Pyrene	1.279	1.279	0.400	0.0213	25.0
Butylbenzylphthalate	0.439	0.439	0.100	0.0283	40.0
3,3-Dichlorobenzidine	0.425	0.430	0.010	1.3591	40.0
Benzo (a) anthracene	1.380	1.390	0.300	0.6977	30.0
Chrysene	1.271	1.297	0.200	2.0398	30.0
Bis(2-ethylhexyl)phthalate	0.650	0.660	0.200	1.5414	40.0
Di-n-octyl phthalate	1.001	1.002	0.010	0.1585	40.0
Benzo (b) fluoranthene	1.191	1.195	0.200	0.3188	25.0
Benzo (k) fluoranthene	1.209	1.219	0.200	0.8112	25.0
Benzo (a) pyrene	1.131	1.150	0.200	1.675	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.397	0.200	2.1679	25.0
Dibenzo (a,h) anthracene	1.128	1.156	0.200	2.542	30.0
Benzo (g,h,i) perylene	1.088	1.105	0.200	1.6035	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.369	0.040	3.3605	20.0
1,4-Dioxane-d8	0.357	0.443	0.010	23.973	25.0
Pyridine-d5	1.271	1.269	0.010	-0.1771	40.0
Phenol-d5	1.642	1.619	0.010	-1.4313	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	1.028	0.050	-0.4501	25.0
2-Chlorophenol-d4	1.216	1.269	0.200	4.4128	20.0
4-Methylphenol-d8	1.400	1.669	0.010	19.1946	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG060424 SAS No.: BG060424 SDG No.: BG060424
 Instrument ID: BNA_G Calibration Date/Time: 6/4/2024 12:11:23
 Lab File ID: BG061450.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020513 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.156	0.050	1.1392	20.0
2-Nitrophenol-d4	0.180	0.188	0.050	4.4877	30.0
2,4-Dichlorophenol-d3	0.351	0.370	0.060	5.3416	20.0
4-Chloroaniline-d4	0.460	0.469	0.010	2.0926	40.0
Dimethylphthalate-d6	1.551	1.599	0.300	3.0879	20.0
Acenaphthylene-d8	1.613	1.630	0.400	1.0913	20.0
4-Nitrophenol-d4	0.192	0.162	0.010	-15.2786	40.0
Fluorene-d10	1.339	1.402	0.100	4.6951	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.116	0.010	-4.2984	40.0
Anthracene-d10	0.882	0.913	0.300	3.5411	20.0
Pyrene-d10	1.027	1.030	0.300	0.3051	25.0
Benzo(a)pyrene-d12	0.962	0.986	0.010	2.5199	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.: BG060424 SAS No.: BG060424 SDG No.: BG060424

Instrument ID: BNA_G Calibration Date/Time: 6/4/2024 12:18:15

Lab File ID: BG061460.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020514 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	0.349	0.010	-18.5827	40.0
Benzaldehyde	0.859	0.734	0.010	-14.5451	40.0
Pyridine	1.258	1.101	0.010	-12.4382	40.0
Phenol	1.673	1.609	0.080	-3.8665	20.0
Bis(2-Chloroethyl)ether	1.224	1.204	0.100	-1.6744	20.0
2-Chlorophenol	1.285	1.314	0.200	2.2658	20.0
2-Methylphenol	1.297	1.249	0.010	-3.6912	20.0
2,2-oxybis(1-Chloropropane)	3.306	2.826	0.010	-14.5218	40.0
Acetophenone	2.390	2.157	0.060	-9.7738	20.0
4-Methylphenol	1.437	1.364	0.010	-5.0757	20.0
N-Nitroso-di-n-propylamine	1.314	1.110	0.050	-15.5551	30.0
Hexachloroethane	0.572	0.566	0.100	-1.0085	20.0
Nitrobenzene	0.422	0.406	0.050	-3.8377	25.0
Isophorone	0.859	0.764	0.050	-11.1073	25.0
2-Nitrophenol	0.196	0.197	0.050	0.6872	25.0
2,4-Dimethylphenol	0.388	0.387	0.050	-0.2614	25.0
Bis(2-Chloroethoxy)methane	0.431	0.410	0.050	-4.7629	20.0
2,4-Dichlorophenol	0.324	0.353	0.060	8.9934	20.0
Naphthalene	1.056	1.071	0.200	1.4512	20.0
4-Chloroaniline	0.457	0.428	0.010	-6.2536	40.0
Hexachlorobutadiene	0.316	0.343	0.040	8.4762	30.0
Caprolactam	0.124	0.117	0.010	-5.3347	40.0
4-Chloro-3-methylphenol	0.418	0.395	0.040	-5.5704	25.0
1-Methylnaphthalene	0.786	0.769	0.100	-2.1673	20.0
2-Methylnaphthalene	0.766	0.759	0.100	-0.8282	20.0
Hexachlorocyclopentadiene	0.298	0.269	0.010	-9.7151	40.0
2,4,6-Trichlorophenol	0.372	0.442	0.090	18.8203	25.0
2,4,5-Trichlorophenol	0.392	0.452	0.100	15.342	25.0
1,1-Biphenyl	1.293	1.373	0.200	6.1905	20.0
2-Chloronaphthalene	1.018	1.119	0.300	9.9033	20.0
2-Nitroaniline	0.420	0.396	0.050	-5.6892	40.0
Dimethylphthalate	1.617	1.570	0.300	-2.8709	20.0
2,6-Dinitrotoluene	0.317	0.319	0.080	0.6605	30.0
Acenaphthylene	1.788	1.836	0.400	2.6516	20.0
3-Nitroaniline	0.275	0.272	0.010	-1.09	40.0
Acenaphthene	1.173	1.236	0.200	5.3675	20.0
2,4-Dinitrophenol	0.168	0.165	0.010	-1.969	40.0
4-Nitrophenol	0.225	0.207	0.010	-8.2769	40.0
Dibenzofuran	1.677	1.726	0.300	2.8916	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG060424 SAS No.: BG060424 SDG No.: BG060424

Instrument ID: BNA_G Calibration Date/Time: 6/4/2024 12:18:15

Lab File ID: BG061460.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020514 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	0.480	0.070	-0.5144	30.0
Diethylphthalate	1.597	1.484	0.300	-7.0481	20.0
Fluorene	1.451	1.466	0.200	1.0384	20.0
4-Chlorophenyl-phenylether	0.851	0.862	0.100	1.3091	20.0
4-Nitroaniline	0.287	0.260	0.010	-9.1999	40.0
4,6-Dinitro-2-methylphenol	0.127	0.110	0.010	-13.4823	40.0
N-Nitrosodiphenylamine	0.503	0.525	0.050	4.5154	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.776	0.100	17.5459	20.0
4-Bromophenyl-phenylether	0.237	0.249	0.070	4.9817	20.0
Hexachlorobenzene	0.263	0.279	0.050	5.9599	25.0
Atrazine	0.199	0.190	0.010	-4.6817	25.0
Pentachlorophenol	0.092	0.111	0.010	20.6173	40.0
Phenanthrene	0.971	0.987	0.200	1.6696	20.0
Pentachlorobenzene	0.292	0.335	0.050	14.7115	20.0
Anthracene	1.004	1.018	0.200	1.4371	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.319	0.050	20.5082	20.0
Carbazole	0.816	0.809	0.050	-0.8599	40.0
Di-n-butylphthalate	1.023	1.033	0.500	1.0	25.0
Fluoranthene	1.232	1.216	0.400	-1.3217	25.0
Pyrene	1.279	1.247	0.400	-2.5186	25.0
Butylbenzylphthalate	0.439	0.433	0.100	-1.3248	40.0
3,3-Dichlorobenzidine	0.425	0.446	0.010	5.1682	40.0
Benzo (a) anthracene	1.380	1.383	0.300	0.1907	30.0
Chrysene	1.271	1.284	0.200	1.0359	30.0
Bis(2-ethylhexyl)phthalate	0.650	0.659	0.200	1.3598	40.0
Di-n-octyl phthalate	1.001	0.992	0.010	-0.8313	40.0
Benzo (b) fluoranthene	1.191	1.197	0.200	0.5137	25.0
Benzo (k) fluoranthene	1.209	1.190	0.200	-1.5632	25.0
Benzo (a) pyrene	1.131	1.134	0.200	0.2844	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.388	0.200	1.5399	25.0
Dibenzo (a,h) anthracene	1.128	1.148	0.200	1.8389	30.0
Benzo (g,h,i) perylene	1.088	1.073	0.200	-1.3754	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.360	0.040	0.7375	20.0
1,4-Dioxane-d8	0.357	0.402	0.010	12.5271	25.0
Pyridine-d5	1.271	1.147	0.010	-9.7651	40.0
Phenol-d5	1.642	1.617	0.010	-1.5425	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.977	0.050	-5.3424	25.0
2-Chlorophenol-d4	1.216	1.241	0.200	2.1048	20.0
4-Methylphenol-d8	1.400	1.335	0.010	-4.6974	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG060424 SAS No.: BG060424 SDG No.: BG060424
 Instrument ID: BNA_G Calibration Date/Time: 6/4/2024 12:18:15
 Lab File ID: BG061460.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020514 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.148	0.050	-3.808	20.0
2-Nitrophenol-d4	0.180	0.182	0.050	1.0882	30.0
2,4-Dichlorophenol-d3	0.351	0.384	0.060	9.2109	20.0
4-Chloroaniline-d4	0.460	0.434	0.010	-5.5675	40.0
Dimethylphthalate-d6	1.551	1.491	0.300	-3.8779	20.0
Acenaphthylene-d8	1.613	1.668	0.400	3.4226	20.0
4-Nitrophenol-d4	0.192	0.157	0.010	-18.2267	40.0
Fluorene-d10	1.339	1.343	0.100	0.3111	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.109	0.010	-9.9212	40.0
Anthracene-d10	0.882	0.896	0.300	1.6113	20.0
Pyrene-d10	1.027	0.998	0.300	-2.8387	25.0
Benzo(a)pyrene-d12	0.962	0.961	0.010	-0.0342	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.: BG060424 SAS No.: BG060424 SDG No.: BG060424

Instrument ID: BNA_G Calibration Date/Time: 6/5/2024 12:04:33

Lab File ID: BG061474.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020515 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	0.278	0.010	-35.2892	40.0
Benzaldehyde	0.859	0.714	0.010	-16.874	40.0
Pyridine	1.258	0.874	0.010	-30.5314	40.0
Phenol	1.673	1.524	0.080	-8.9406	20.0
Bis(2-Chloroethyl)ether	1.224	1.143	0.100	-6.5941	20.0
2-Chlorophenol	1.285	1.274	0.200	-0.8389	20.0
2-Methylphenol	1.297	1.246	0.010	-3.9532	20.0
2,2-oxybis(1-Chloropropane)	3.306	2.740	0.010	-17.1068	40.0
Acetophenone	2.390	2.133	0.060	-10.7779	20.0
4-Methylphenol	1.437	1.322	0.010	-8.0259	20.0
N-Nitroso-di-n-propylamine	1.314	1.101	0.050	-16.2002	30.0
Hexachloroethane	0.572	0.515	0.100	-9.8549	20.0
Nitrobenzene	0.422	0.405	0.050	-4.0784	25.0
Isophorone	0.859	0.750	0.050	-12.6907	25.0
2-Nitrophenol	0.196	0.201	0.050	2.8287	25.0
2,4-Dimethylphenol	0.388	0.395	0.050	1.9493	25.0
Bis(2-Chloroethoxy)methane	0.431	0.417	0.050	-3.2379	20.0
2,4-Dichlorophenol	0.324	0.348	0.060	7.4501	20.0
Naphthalene	1.056	1.071	0.200	1.4628	20.0
4-Chloroaniline	0.457	0.424	0.010	-7.2815	40.0
Hexachlorobutadiene	0.316	0.353	0.040	11.527	30.0
Caprolactam	0.124	0.107	0.010	-13.6778	40.0
4-Chloro-3-methylphenol	0.418	0.385	0.040	-8.0493	25.0
1-Methylnaphthalene	0.786	0.768	0.100	-2.2391	20.0
2-Methylnaphthalene	0.766	0.771	0.100	0.7733	20.0
Hexachlorocyclopentadiene	0.298	0.312	0.010	4.627	40.0
2,4,6-Trichlorophenol	0.372	0.439	0.090	17.9886	25.0
2,4,5-Trichlorophenol	0.392	0.430	0.100	9.6856	25.0
1,1-Biphenyl	1.293	1.374	0.200	6.2456	20.0
2-Chloronaphthalene	1.018	1.126	0.300	10.6277	20.0
2-Nitroaniline	0.420	0.392	0.050	-6.6633	40.0
Dimethylphthalate	1.617	1.543	0.300	-4.5843	20.0
2,6-Dinitrotoluene	0.317	0.303	0.080	-4.5339	30.0
Acenaphthylene	1.788	1.850	0.400	3.4709	20.0
3-Nitroaniline	0.275	0.264	0.010	-4.1222	40.0
Acenaphthene	1.173	1.235	0.200	5.2566	20.0
2,4-Dinitrophenol	0.168	0.144	0.010	-14.4246	40.0
4-Nitrophenol	0.225	0.201	0.010	-10.8201	40.0
Dibenzofuran	1.677	1.680	0.300	0.1835	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG060424 SAS No.: BG060424 SDG No.: BG060424

Instrument ID: BNA_G Calibration Date/Time: 6/5/2024 12:04:33

Lab File ID: BG061474.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020515 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	0.444	0.070	-8.03	30.0
Diethylphthalate	1.597	1.468	0.300	-8.0604	20.0
Fluorene	1.451	1.431	0.200	-1.3901	20.0
4-Chlorophenyl-phenylether	0.851	0.845	0.100	-0.7041	20.0
4-Nitroaniline	0.287	0.256	0.010	-10.7814	40.0
4,6-Dinitro-2-methylphenol	0.127	0.110	0.010	-13.5871	40.0
N-Nitrosodiphenylamine	0.503	0.529	0.050	5.2117	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.795	0.100	20.365	20.0
4-Bromophenyl-phenylether	0.237	0.262	0.070	10.5689	20.0
Hexachlorobenzene	0.263	0.279	0.050	5.9784	25.0
Atrazine	0.199	0.189	0.010	-5.0157	25.0
Pentachlorophenol	0.092	0.101	0.010	10.1831	40.0
Phenanthrene	0.971	0.985	0.200	1.4763	20.0
Pentachlorobenzene	0.292	0.348	0.050	19.1542	20.0
Anthracene	1.004	1.027	0.200	2.3146	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.327	0.050	23.8273	20.0
Carbazole	0.816	0.836	0.050	2.3982	40.0
Di-n-butylphthalate	1.023	1.059	0.500	3.5732	25.0
Fluoranthene	1.232	1.185	0.400	-3.7858	25.0
Pyrene	1.279	1.213	0.400	-5.1588	25.0
Butylbenzylphthalate	0.439	0.431	0.100	-1.794	40.0
3,3-Dichlorobenzidine	0.425	0.453	0.010	6.7406	40.0
Benzo (a) anthracene	1.380	1.409	0.300	2.076	30.0
Chrysene	1.271	1.260	0.200	-0.8247	30.0
Bis(2-ethylhexyl)phthalate	0.650	0.649	0.200	-0.1398	40.0
Di-n-octyl phthalate	1.001	1.019	0.010	1.8177	40.0
Benzo (b) fluoranthene	1.191	1.265	0.200	6.255	25.0
Benzo (k) fluoranthene	1.209	1.273	0.200	5.294	25.0
Benzo (a) pyrene	1.131	1.154	0.200	2.0444	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.446	0.200	5.7335	25.0
Dibenzo (a,h) anthracene	1.128	1.187	0.200	5.2441	30.0
Benzo (g,h,i) perylene	1.088	1.062	0.200	-2.3668	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.349	0.040	-2.3487	20.0
1,4-Dioxane-d8	0.357	0.304	0.010	-14.8692	25.0
Pyridine-d5	1.271	0.861	0.010	-32.3062	40.0
Phenol-d5	1.642	1.490	0.010	-9.264	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.945	0.050	-8.4997	25.0
2-Chlorophenol-d4	1.216	1.202	0.200	-1.0723	20.0
4-Methylphenol-d8	1.400	1.310	0.010	-6.4548	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG060424 SAS No.: BG060424 SDG No.: BG060424
 Instrument ID: BNA_G Calibration Date/Time: 6/5/2024 12:04:33
 Lab File ID: BG061474.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020515 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.163	0.050	6.1658	20.0
2-Nitrophenol-d4	0.180	0.178	0.050	-1.4742	30.0
2,4-Dichlorophenol-d3	0.351	0.372	0.060	5.9821	20.0
4-Chloroaniline-d4	0.460	0.436	0.010	-5.2162	40.0
Dimethylphthalate-d6	1.551	1.506	0.300	-2.886	20.0
Acenaphthylene-d8	1.613	1.669	0.400	3.487	20.0
4-Nitrophenol-d4	0.192	0.147	0.010	-23.1006	40.0
Fluorene-d10	1.339	1.332	0.100	-0.5353	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.107	0.010	-11.4092	40.0
Anthracene-d10	0.882	0.921	0.300	4.4618	20.0
Pyrene-d10	1.027	0.987	0.300	-3.9225	25.0
Benzo(a)pyrene-d12	0.962	0.977	0.010	1.5702	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BG060424
Lab Sample ID:	PB161141BL	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
BG061451.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

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:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BG060424
Lab Sample ID:	PB161141BL	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
BG061451.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

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:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BG060424
Lab Sample ID:	PB161141BL	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
BG061451.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.566		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	25.16		20-120		63	SPK: -40
4165-62-2	Phenol-d5	25.317		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.617		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.72		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	29.778		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	31.317		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.046		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.647		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.742		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.167		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.273		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.933		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	31.99		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BG060424
Lab Sample ID:	PB161141BL	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
BG061451.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.609		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	32.406		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	32.375		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.317		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28254	7.871				
1146-65-2	Naphthalene-d8	125326	10.667				
15067-26-2	Acenaphthene-d10	110977	14.516				
1517-22-2	Phenanthrene-d10	302608	17.266				
1719-03-5	Chrysene-d12	323905	21.519				
1520-96-3	Perylene-d12	371922	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			3.07	
	(DEL) Alkane: Straight-Chain	25.685	J			25.685	
	(DEL) Alkane: Straight-Chain	26.960	J			26.96	
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:	BHBL3	SDG No.:	BG060424
Lab Sample ID:	P2590-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061452.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	80	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99.1	400	ug/Kg
110-86-1	Pyridine	92	U	92	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.1	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.1	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	99.1	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.1	400	ug/Kg
98-86-2	Acetophenone	79	U	79	99.1	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.1	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	51	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	51	200	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51	200	ug/Kg
78-59-1	Isophorone	79	U	79	51	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51	200	ug/Kg
91-20-3	Naphthalene	29	U	29	51	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51	200	ug/Kg
105-60-2	Caprolactam	77	U	77	99.1	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.1	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51	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:	BHBL3	SDG No.:	BG060424
Lab Sample ID:	P2590-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061452.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	99.1	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.1	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.1	400	ug/Kg
132-64-9	Dibenzofuran	32	U	32	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51	200	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51	200	ug/Kg
86-73-7	Fluorene	32	U	32	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.1	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.1	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51	200	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51	200	ug/Kg
1912-24-9	Atrazine	34	U	34	99.1	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.1	400	ug/Kg
85-01-8	Phenanthrene	320		32	51	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51	200	ug/Kg
120-12-7	Anthracene	30	U	30	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	51	200	ug/Kg
86-74-8	Carbazole	41	U	41	99.1	400	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	51	200	ug/Kg
206-44-0	Fluoranthene	660		23	99.1	200	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:	BHBL3			SDG No.:	BG060424	
Lab Sample ID:	P2590-07			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	17	
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
BG061452.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	630		22	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	99.1	400	ug/Kg
56-55-3	Benzo(a)anthracene	310		28	51	200	ug/Kg
218-01-9	Chrysene	390		29	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	J	30	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.1	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	490		44	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	46	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	350		37	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210		34	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69	J	31	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		38	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.394		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	5.207	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	20.275		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.857		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.355		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	21.647		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	24.758		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.267		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.041		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.604		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.35		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.619		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.418		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	26.275		20-140		66	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:	BHBL3	SDG No.:	BG060424
Lab Sample ID:	P2590-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061452.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.22		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	25.899		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.812		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.96		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31319	7.873				
1146-65-2	Naphthalene-d8	133553	10.67				
15067-26-2	Acenaphthene-d10	108032	14.512				
1517-22-2	Phenanthrene-d10	263395	17.262				
1719-03-5	Chrysene-d12	274182	21.516				
1520-96-3	Perylene-d12	311871	24.612				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			3.073	
000779-02-2	Anthracene, 9-methyl-	100	J			18.184	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			18.331	
000781-43-1	9,10-Dimethylantracene	110	J			19.06	
005737-13-3	Cyclopenta(def)phenanthrenone	90	J			19.201	
000479-79-8	11H-Benzo[a]fluoren-11-one	81	J			20.934	
	(DEL) Alkane: Cyclic21.181	150	J			21.181	
002319-96-2	Benz[a]anthracene, 5-methyl-	89	J			22.285	
	(DEL) Alkane: Straight-Chain22.943	89	J			22.943	
000192-97-2	Benzo[e]pyrene	190	J			24.324	
	(DEL) Alkane: Straight-Chain25.687	260	J			25.687	
E966796	Total Alkanes	500				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:	BHBL5	SDG No.:	BG060424
Lab Sample ID:	P2590-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG061453.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

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

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBL5	SDG No.:	BG060424
Lab Sample ID:	P2590-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG061453.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.5	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.9	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.9	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.5	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.5	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.5	210	ug/Kg
1912-24-9	Atrazine	34	U	34	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.9	400	ug/Kg
85-01-8	Phenanthrene	530		33	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.5	210	ug/Kg
120-12-7	Anthracene	56	J	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.5	210	ug/Kg
86-74-8	Carbazole	64	J	41	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.5	210	ug/Kg
206-44-0	Fluoranthene	940		23	99.9	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:	BHBL5	SDG No.:	BG060424
Lab Sample ID:	P2590-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG061453.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	800		22	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	440		28	51.5	210	ug/Kg
218-01-9	Chrysene	500		29	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	610		45	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	470		38	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		34	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91	J	31	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330		39	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.768		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	19.403		20-120		49	SPK: -40
4165-62-2	Phenol-d5	20.599		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.047		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.749		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	19.856		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	26.094		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.881		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.596		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.77		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.341		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	27.088		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.468		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	27.151		20-140		68	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:	BHBL5	SDG No.:	BG060424
Lab Sample ID:	P2590-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG061453.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.881		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	26.945		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	27.777		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.279		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28086	7.877				
1146-65-2	Naphthalene-d8	115762	10.668				
15067-26-2	Acenaphthene-d10	95147	14.511				
1517-22-2	Phenanthrene-d10	229017	17.26				
1719-03-5	Chrysene-d12	242231	21.52				
1520-96-3	Perylene-d12	273650	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			3.071	
000779-02-2	Anthracene, 9-methyl-	140	J			18.142	
000613-12-7	Anthracene, 2-methyl-	200	J			18.189	
000203-64-5	4H-Cyclopenta[def]phenanthrene	200	J			18.336	
000612-94-2	Naphthalene, 2-phenyl-	99	J			18.635	
000084-65-1	9,10-Anthracenedione	100	J			18.688	
002789-88-0	di-p-Tolylacetylene	180	J			19.058	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.205	
000243-17-4	11H-Benzo[b]fluorene	99	J			20.18	
1000351-75-3	Tetratriacontyl trifluoroacetate	170	J			21.179	
002541-69-7	Benz[a]anthracene, 7-methyl-	84	J			22.29	
090949-53-4	7-Nonenamide	120	J			22.93	
000192-97-2	Benzo[e]pyrene	250	J			24.323	
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:	BHBL7	SDG No.:	BG060424
Lab Sample ID:	P2590-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061454.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

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	210		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	170	J	29	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	210		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:	BHBL7	SDG No.:	BG060424
Lab Sample ID:	P2590-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061454.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	J	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	65	J	36	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	410	ug/Kg
83-32-9	Acenaphthene	360		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	330		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	440		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	4400	E	33	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.2	210	ug/Kg
120-12-7	Anthracene	940		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	370	J	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.2	210	ug/Kg
206-44-0	Fluoranthene	4400	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:	BHBL7	SDG No.:	BG060424
Lab Sample ID:	P2590-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061454.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3800	E	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	2000		28	52.2	210	ug/Kg
218-01-9	Chrysene	2000		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	2200		45	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	750		47	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	1700		38	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930		34	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300		32	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	960		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	3.695		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	9.639		20-120		24	SPK: -40
4165-62-2	Phenol-d5	21.415		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.536		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.446		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	21.063		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	24.936		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.235		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.109		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.57		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.634		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.391		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.493		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	24.063		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:	BHBL7	SDG No.:	BG060424
Lab Sample ID:	P2590-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061454.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.152		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	25.889		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.063		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.559		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26731	7.876				
1146-65-2	Naphthalene-d8	114281	10.667				
15067-26-2	Acenaphthene-d10	91807	14.51				
1517-22-2	Phenanthrene-d10	222989	17.265				
1719-03-5	Chrysene-d12	242221	21.525				
1520-96-3	Perylene-d12	279424	24.621				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	9500	J			3.07	
000770-35-4	1-Phenoxypropan-2-ol	230	J			11.413	
000571-58-4	Naphthalene, 1,4-dimethyl-	180	J			13.834	
006344-67-8	9H-Fluoren-3-ol	210	J			15.855	
007320-53-8	Dibenzofuran, 4-methyl-	210	J			16.002	
002235-15-6	1(2H)-Acenaphthylenone	150	J			16.243	
001730-37-6	9H-Fluorene, 1-methyl-	230	J			16.572	
042224-48-6	2-[2-Phenylethenyl]phenol	170	J			16.795	
000486-25-9	9H-Fluoren-9-one	270	J			16.919	
400744-83-4	3-Methyl-[1,1-biphenyl]-4-carbal	210	J			17.001	
000132-65-0	Dibenzothiophene	270	J			17.083	
016587-52-3	Dibenzothiophene, 3-methyl-	200	J			17.847	
002531-84-2	Phenanthrene, 2-methyl-	790	J			18.141	
000832-69-9	Phenanthrene, 1-methyl-	960	J			18.188	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b-dihydro	290	J			18.27	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	J			18.34	
000832-64-4	Phenanthrene, 4-methyl-	440	J			18.37	

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:	BHBL7	SDG No.:	BG060424
Lab Sample ID:	P2590-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061454.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	460	J			18.64	
000084-65-1	9,10-Anthracenedione	410	J			18.687	
003674-69-9	Phenanthrene, 4,5-dimethyl-	200	J			18.887	
001576-67-6	Phenanthrene, 3,6-dimethyl-	200	J			18.94	
002789-88-0	di-p-Tolylacetylene	150	J			18.975	
000781-43-1	9,10-Dimethylanthracene	590	J			19.063	
	unknown-01	200	J			19.122	
005737-13-3	Cyclopenta(def)phenanthrenone	460	J			19.204	
002381-21-7	Pyrene, 1-methyl-	170	J			20.179	
001705-84-6	Triphenylene, 2-methyl-	130	J			22.224	
	(DEL) Alkane: Straight-Chain22.947	100	J			22.947	
	unknown-02	290	J			23.887	
000192-97-2	Benzo[e]pyrene	950	J			24.339	
000198-55-0	Perylene	520	J			24.692	
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:	BHBL9	SDG No.:	BG060424
Lab Sample ID:	P2590-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BG061455.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

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	66	U	66	94.4	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.4	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.6	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	94.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.4	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.4	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.6	190	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.6	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.6	190	ug/Kg
78-59-1	Isophorone	76	U	76	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.6	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.6	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.6	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:	BHBL9	SDG No.:	BG060424
Lab Sample ID:	P2590-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BG061455.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.6	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.4	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.4	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.4	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.6	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.6	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	94.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	94.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.6	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.4	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.4	380	ug/Kg
85-01-8	Phenanthrene	280		31	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.6	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.6	190	ug/Kg
86-74-8	Carbazole	39	U	39	94.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.6	190	ug/Kg
206-44-0	Fluoranthene	560		22	94.4	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:	BHBL9	SDG No.:	BG060424
Lab Sample ID:	P2590-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BG061455.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	500		21	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	270		26	48.6	190	ug/Kg
218-01-9	Chrysene	320		27	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	400		42	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	43	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	300		35	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	32	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	J	30	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220		37	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.629		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	10.266		20-120		26	SPK: -40
4165-62-2	Phenol-d5	23.811		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.988		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.517		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.075		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	27.913		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.608		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.031		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.924		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.733		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28.88		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.317		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	28.339		20-140		71	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:	BHBL9	SDG No.:	BG060424
Lab Sample ID:	P2590-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BG061455.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.272		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	28.124		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	29.033		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.633		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23980	7.876				
1146-65-2	Naphthalene-d8	103824	10.672				
15067-26-2	Acenaphthene-d10	82596	14.509				
1517-22-2	Phenanthrene-d10	195988	17.265				
1719-03-5	Chrysene-d12	211226	21.518				
1520-96-3	Perylene-d12	242682	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.069	
	unknown-01	210	J			3.604	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	130	J			7.464	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	180	J			10.437	
000770-35-4	1-Phenoxypropan-2-ol	250	J			11.407	
000832-71-3	Phenanthrene, 3-methyl-	96	J			18.187	
018791-75-8	4-Bromothiophene-2-aldehyde	110	J			18.328	
	(DEL) Alkane: Cyclic	21.183	J			21.183	
E966796	Total Alkanes	130				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:	BHBW4DL	SDG No.:	BG060424
Lab Sample ID:	P2577-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061456.D	10	5/28/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161150

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320	U	320	78	790	ug/Kg
100-52-7	Benzaldehyde	690	U	690	980	3900	ug/Kg
110-86-1	Pyridine	910	U	910	2000	3900	ug/Kg
108-95-2	Phenol	350	U	350	980	3900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	340	U	340	980	3900	ug/Kg
95-57-8	2-Chlorophenol	330	U	330	500	2000	ug/Kg
95-48-7	2-Methylphenol	370	U	370	980	3900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	470	U	470	980	3900	ug/Kg
98-86-2	Acetophenone	780	U	780	980	3900	ug/Kg
106-44-5	4-Methylphenol	630	U	630	980	3900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	930	U	930	500	2000	ug/Kg
67-72-1	Hexachloroethane	720	U	720	500	2000	ug/Kg
98-95-3	Nitrobenzene	760	U	760	500	2000	ug/Kg
78-59-1	Isophorone	780	U	780	500	2000	ug/Kg
88-75-5	2-Nitrophenol	710	U	710	500	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	380	U	380	500	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	530	U	530	500	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	450	500	2000	ug/Kg
91-20-3	Naphthalene	280	U	280	500	2000	ug/Kg
106-47-8	4-Chloroaniline	430	U	430	500	3900	ug/Kg
87-68-3	Hexachlorobutadiene	410	U	410	500	2000	ug/Kg
105-60-2	Caprolactam	760	U	760	980	3900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	480	U	480	500	2000	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	500	2000	ug/Kg
91-57-6	2-Methylnaphthalene	380	U	380	500	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	980	3900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	280	U	280	500	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	390	U	390	500	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBW4DL	SDG No.:	BG060424
Lab Sample ID:	P2577-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061456.D	10	5/28/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161150

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	310	U	310	500	2000	ug/Kg
91-58-7	2-Chloronaphthalene	390	U	390	500	2000	ug/Kg
88-74-4	2-Nitroaniline	530	U	530	500	2000	ug/Kg
131-11-3	Dimethylphthalate	350	U	350	500	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	240	U	240	500	2000	ug/Kg
208-96-8	Acenaphthylene	340	U	340	500	2000	ug/Kg
99-09-2	3-Nitroaniline	780	U	780	980	3900	ug/Kg
83-32-9	Acenaphthene	310	U	310	500	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	980	3900	ug/Kg
100-02-7	4-Nitrophenol	520	U	520	980	3900	ug/Kg
132-64-9	Dibenzofuran	320	U	320	500	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	410	U	410	500	2000	ug/Kg
84-66-2	Diethylphthalate	390	U	390	500	2000	ug/Kg
86-73-7	Fluorene	320	U	320	500	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	240	U	240	500	2000	ug/Kg
100-01-6	4-Nitroaniline	280	U	280	980	3900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	450	U	450	980	3900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	280	U	280	500	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	400	500	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	310	U	310	500	2000	ug/Kg
118-74-1	Hexachlorobenzene	330	U	330	500	2000	ug/Kg
1912-24-9	Atrazine	330	U	330	980	3900	ug/Kg
87-86-5	Pentachlorophenol	1000	U	1000	980	3900	ug/Kg
85-01-8	Phenanthrene	2200	D	320	500	2000	ug/Kg
608-93-5	Pentachlorobenzene	440	U	440	500	2000	ug/Kg
120-12-7	Anthracene	300	U	300	500	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	200	U	200	500	2000	ug/Kg
86-74-8	Carbazole	400	U	400	980	3900	ug/Kg
84-74-2	Di-n-butylphthalate	320	U	320	500	2000	ug/Kg
206-44-0	Fluoranthene	5300	D	220	980	2000	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:	BHBW4DL	SDG No.:	BG060424
Lab Sample ID:	P2577-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061456.D	10	5/28/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161150

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4000	D	210	500	2000	ug/Kg
85-68-7	Butylbenzylphthalate	2200	D	260	500	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	610	U	610	980	3900	ug/Kg
56-55-3	Benzo(a)anthracene	2500	D	270	500	2000	ug/Kg
218-01-9	Chrysene	3100	D	280	500	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	68000	ED	300	500	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	570	U	570	980	3900	ug/Kg
205-99-2	Benzo(b)fluoranthene	3900	D	440	500	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500	JD	450	500	2000	ug/Kg
50-32-8	Benzo(a)pyrene	1800	JD	370	500	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	JD	330	500	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	530	JD	310	500	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380	U	380	500	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	430	U	430	500	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	12.15		20-120		30	SPK: -40
4165-62-2	Phenol-d5	27.3		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.72		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.8		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	28.37		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	31.11		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.23		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.79		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.92		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.47		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.68		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.39		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	33.91		20-140		85	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:	BHBW4DL	SDG No.:	BG060424
Lab Sample ID:	P2577-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061456.D	10	5/28/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161150

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.5		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	38.05		10-150		95	SPK: -40
1718-52-1	Pyrene-d10	32.53		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.66		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26982	7.876				
1146-65-2	Naphthalene-d8	114443	10.667				
15067-26-2	Acenaphthene-d10	92562	14.515				
1517-22-2	Phenanthrene-d10	217705	17.259				
1719-03-5	Chrysene-d12	237584	21.519				
1520-96-3	Perylene-d12	267928	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	9700	JD			3.07	
002381-21-7	Pyrene, 1-methyl-	1100	JD			20.179	
000084-76-4	1,2-Benzenedicarboxylic acid, dino	3600	JD			22.101	
000192-97-2	Benzo[e]pyrene	870	JD			24.322	
E966796	Total Alkanes	310	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:	BHBM5	SDG No.:	BG060424
Lab Sample ID:	P2590-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG061457.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	75	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.3	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.3	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.1	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.3	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.3	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	48.1	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.1	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	48.1	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.1	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.1	190	ug/Kg
91-20-3	Naphthalene	71	J	27	48.1	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.1	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	56	J	27	48.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	53	J	36	48.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBM5	SDG No.:	BG060424
Lab Sample ID:	P2590-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG061457.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.1	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.1	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.1	190	ug/Kg
208-96-8	Acenaphthylene	140	J	33	48.1	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.3	370	ug/Kg
83-32-9	Acenaphthene	46	J	29	48.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.3	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.3	370	ug/Kg
132-64-9	Dibenzofuran	39	J	31	48.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.1	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.1	190	ug/Kg
86-73-7	Fluorene	91	J	31	48.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.1	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	48.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48.1	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.1	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.3	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.3	370	ug/Kg
85-01-8	Phenanthrene	1800		31	48.1	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.1	190	ug/Kg
120-12-7	Anthracene	150	J	28	48.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.1	190	ug/Kg
86-74-8	Carbazole	120	J	38	93.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	40	J	31	48.1	190	ug/Kg
206-44-0	Fluoranthene	2800		21	93.3	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:	BHBM5	SDG No.:	BG060424
Lab Sample ID:	P2590-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG061457.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3000		20	48.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	1500		26	48.1	190	ug/Kg
218-01-9	Chrysene	1900		27	48.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99	J	28	48.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		42	48.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	790		43	48.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	1600		35	48.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930		32	48.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300		29	48.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		36	48.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.368		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	6.633	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	25.277		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.528		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.39		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.085		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	25.749		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.114		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.99		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.535		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.112		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.61		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.771		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	28.086		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:	BHBM5	SDG No.:	BG060424
Lab Sample ID:	P2590-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG061457.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.64		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	30.968		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	30.454		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.222		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27265	7.87				
1146-65-2	Naphthalene-d8	115849	10.672				
15067-26-2	Acenaphthene-d10	88128	14.515				
1517-22-2	Phenanthrene-d10	195934	17.265				
1719-03-5	Chrysene-d12	209801	21.524				
1520-96-3	Perylene-d12	245310	24.626				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	8300	J			3.069	
003031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	150	J			16.242	
002523-37-7	9H-Fluorene, 9-methyl-	120	J			16.565	
000486-25-9	9H-Fluoren-9-one	150	J			16.924	
000132-65-0	Dibenzothiophene	140	J			17.076	
004569-45-3	9H-Fluorene, 9,9-dimethyl-	110	J			17.458	
1000383-55-1	2-Methyldibenzothiophene	210	J			17.846	
000832-69-9	Phenanthrene, 1-methyl-	860	J			18.14	
018791-75-8	4-Bromothiophene-2-aldehyde	850	J			18.334	
004505-48-0	1H-Indene, 2-phenyl-	440	J			18.375	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	320	J			18.639	
000084-65-1	9,10-Anthracenedione	470	J			18.686	
000483-87-4	Phenanthrene, 1,7-dimethyl-	210	J			18.886	
001576-67-6	Phenanthrene, 3,6-dimethyl-	280	J			18.939	
001576-69-8	Phenanthrene, 2,7-dimethyl-	200	J			18.98	
003674-66-6	Phenanthrene, 2,5-dimethyl-	840	J			19.062	
	unknown-01	360	J			19.121	

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:	BHBM5	SDG No.:	BG060424
Lab Sample ID:	P2590-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG061457.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000781-43-1	9,10-Dimethylanthracene	180	J			19.151	
005737-13-3	Cyclopenta(def)phenanthrenone	600	J			19.203	
004389-09-7	4H-Benz[de]anthracene, 5,6-dihydro	170	J			19.386	
002381-21-7	Pyrene, 1-methyl-	190	J			20.014	
000243-17-4	11H-Benzo[b]fluorene	180	J			20.179	
003442-78-2	Pyrene, 2-methyl-	150	J			20.343	
033543-31-6	Fluoranthene, 2-methyl-	110	J			20.478	
000479-79-8	11H-Benzo[a]fluoren-11-one	140	J			20.937	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	170	J			21.113	
000082-05-3	7H-Benz[de]anthracen-7-one	110	J			21.266	
002381-31-9	Benz[a]anthracene, 8-methyl-	130	J			22.229	
000316-14-3	Benz[a]anthracene, 6-methyl-	120	J			22.294	
000192-97-2	Benzo[e]pyrene	1400	J			24.339	
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:	BHBM6	SDG No.:	BG060424
Lab Sample ID:	P2590-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
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
BG061458.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	93	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	47.9	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93	370	ug/Kg
98-86-2	Acetophenone	74	U	74	93	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.9	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	47.9	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.9	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.9	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	47.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.9	190	ug/Kg
91-20-3	Naphthalene	45	J	27	47.9	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	47.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.9	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.9	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:	BHBM6	SDG No.:	BG060424
Lab Sample ID:	P2590-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
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
BG061458.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.9	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.9	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	47.9	190	ug/Kg
208-96-8	Acenaphthylene	140	J	33	47.9	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	93	370	ug/Kg
83-32-9	Acenaphthene	70	J	29	47.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93	370	ug/Kg
132-64-9	Dibenzofuran	42	J	30	47.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.9	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.9	190	ug/Kg
86-73-7	Fluorene	100	J	30	47.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	47.9	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.9	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	47.9	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93	370	ug/Kg
85-01-8	Phenanthrene	2100		30	47.9	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.9	190	ug/Kg
120-12-7	Anthracene	270		28	47.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.9	190	ug/Kg
86-74-8	Carbazole	170	J	38	93	370	ug/Kg
84-74-2	Di-n-butylphthalate	83	J	30	47.9	190	ug/Kg
206-44-0	Fluoranthene	4700	E	21	93	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:	BHBM6	SDG No.:	BG060424
Lab Sample ID:	P2590-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
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
BG061458.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4300	E	20	47.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93	370	ug/Kg
56-55-3	Benzo(a)anthracene	2700		26	47.9	190	ug/Kg
218-01-9	Chrysene	3000		27	47.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	3800	E	42	47.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		43	47.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	2900		35	47.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		32	47.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	550		29	47.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		36	47.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	47.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.639		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	7.39	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	26.447		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.726		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.976		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	24.692		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.341		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.115		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.078		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.892		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.951		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	29.618		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.385		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	28.528		20-140		71	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:	BHBM6	SDG No.:	BG060424
Lab Sample ID:	P2590-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
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
BG061458.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.378		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	30.131		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	29.214		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.919		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30078	7.877				
1146-65-2	Naphthalene-d8	124701	10.668				
15067-26-2	Acenaphthene-d10	92291	14.516				
1517-22-2	Phenanthrene-d10	207237	17.266				
1719-03-5	Chrysene-d12	224770	21.531				
1520-96-3	Perylene-d12	259193	24.634				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	8000	J			3.076	
000079-39-0	Methacrylamide	120	J			3.852	
001689-64-1	9H-Fluoren-9-ol	100	J			15.856	
	unknown-01	160	J			16.238	
001430-97-3	9H-Fluorene, 2-methyl-	130	J			16.572	
018086-43-6	2,2-Dimethyl-1-acenaphthenone	130	J			16.802	
000486-25-9	9H-Fluoren-9-one	110	J			16.919	
000132-65-0	Dibenzothiophene	150	J			17.084	
002157-52-0	Fluorenone oxime	140	J			17.454	
002444-68-0	Anthracene, 9-ethenyl-	120	J			17.783	
067388-11-8	4-Methylnaphtho[1,2-b]thiophene	150	J			17.847	
000832-64-4	Phenanthrene, 4-methyl-	620	J			18.141	
	unknown-02	960	J			18.335	
000613-12-7	Anthracene, 2-methyl-	410	J			18.376	
000612-94-2	Naphthalene, 2-phenyl-	410	J			18.64	
000084-65-1	9,10-Anthracenedione	480	J			18.693	
003674-66-6	Phenanthrene, 2,5-dimethyl-	270	J			18.887	

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:	BHBM6	SDG No.:	BG060424
Lab Sample ID:	P2590-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.6
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
BG061458.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002789-88-0	di-p-Tolylacetylene	220	J			18.94	
000483-87-4	Phenanthrene, 1,7-dimethyl-	150	J			18.981	
000781-43-1	9,10-Dimethylanthracene	560	J			19.064	
000886-65-7	1,4-Diphenyl-1,3-butadiene	140	J			19.152	
005737-13-3	Cyclopenta(def)phenanthrenone	590	J			19.211	
071161-44-9	3,4-Dihydro-2-bromo-4,4-dimethyl-1	170	J			19.387	
000238-84-6	11H-Benzo[a]fluorene	160	J			20.186	
002381-21-7	Pyrene, 1-methyl-	120	J			20.344	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	110	J			21.114	
002422-79-9	Benz[a]anthracene, 12-methyl-	120	J			22.23	
000192-97-2	Benzo[e]pyrene	770	J			23.893	
000198-55-0	Perylene	2400	J			24.352	
000205-82-3	Benzo[j]fluoranthene	1300	J			24.704	
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:	BHBM1	SDG No.:	BG060424
Lab Sample ID:	P2590-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BG061459.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

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	52.3	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	52.3	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.3	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.3	210	ug/Kg
78-59-1	Isophorone	81	U	81	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.3	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.3	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.3	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:	BHBM1	SDG No.:	BG060424
Lab Sample ID:	P2590-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BG061459.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52.3	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.3	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	410	ug/Kg
83-32-9	Acenaphthene	87	J	32	52.3	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	69	J	33	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.3	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.3	210	ug/Kg
86-73-7	Fluorene	120	J	33	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52.3	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	1300		33	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.3	210	ug/Kg
120-12-7	Anthracene	270		31	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.3	210	ug/Kg
86-74-8	Carbazole	140	J	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.3	210	ug/Kg
206-44-0	Fluoranthene	1500		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:	BHBM1	SDG No.:	BG060424
Lab Sample ID:	P2590-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BG061459.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		22	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	740		28	52.3	210	ug/Kg
218-01-9	Chrysene	710		30	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	750		46	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	290		47	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	610		38	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300		34	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	32	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		39	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.43		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	5.32	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	14.534		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.958		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.106		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	11.453		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	17.138		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.414		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.838		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.948		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.176		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.034		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.411		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	17.236		20-140		43	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:	BHBM1	SDG No.:	BG060424
Lab Sample ID:	P2590-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.7
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
BG061459.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.107		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	17.877		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	18.505		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.616		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27134	7.876				
1146-65-2	Naphthalene-d8	109713	10.673				
15067-26-2	Acenaphthene-d10	87884	14.515				
1517-22-2	Phenanthrene-d10	208000	17.265				
1719-03-5	Chrysene-d12	221520	21.525				
1520-96-3	Perylene-d12	258451	24.621				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	8000	J			3.07	
000079-39-0	Methacrylamide	120	J			3.851	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	270	J			18.14	
000832-69-9	Phenanthrene, 1-methyl-	290	J			18.193	
000613-12-7	Anthracene, 2-methyl-	82	J			18.27	
000203-64-5	4H-Cyclopenta[def]phenanthrene	340	J			18.34	
014251-57-1	Benzene, 1,1-(1,2-propadienyliden	130	J			18.375	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	150	J			18.64	
000084-65-1	9,10-Anthracenedione	160	J			18.693	
001576-67-6	Phenanthrene, 3,6-dimethyl-	150	J			19.057	
005737-13-3	Cyclopenta(def)phenanthrenone	180	J			19.21	
000243-17-4	11H-Benzo[b]fluorene	130	J			20.179	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK139	SDG No.:	BG060424
Lab Sample ID:	PB161139BL	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
BG061461.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

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:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK139	SDG No.:	BG060424
Lab Sample ID:	PB161139BL	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
BG061461.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

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:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK139	SDG No.:	BG060424
Lab Sample ID:	PB161139BL	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
BG061461.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.997		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	28.954		20-120		72	SPK: -40
4165-62-2	Phenol-d5	31.52		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.636		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.033		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	32.831		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	35.855		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.473		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.66		10-140		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.263		1-145		88	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.028		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	36.004		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.905		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	35.17		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK139	SDG No.:	BG060424
Lab Sample ID:	PB161139BL	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
BG061461.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.762		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	37.797		10-150		94	SPK: -40
1718-52-1	Pyrene-d10	35.879		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.43		10-140		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26519	7.871				
1146-65-2	Naphthalene-d8	108071	10.667				
15067-26-2	Acenaphthene-d10	84414	14.516				
1517-22-2	Phenanthrene-d10	194272	17.265				
1719-03-5	Chrysene-d12	212173	21.519				
1520-96-3	Perylene-d12	243364	24.616				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			3.076	
E966796	Total Alkanes	26	U			99	ug/Kg



Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BG060424
Lab Sample ID:	P2669-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			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
BG061462.D	1	6/3/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161279

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



Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BG060424
Lab Sample ID:	P2669-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			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
BG061462.D	1	6/3/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161279

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



Client:			Date Collected:	5/31/2024 12:00:00 AM			
Project:			Date Received:	5/31/2024 12:00:00 AM			
Client Sample ID:	SVOC-GPC-BLANK			SDG No.:	BG060424		
Lab Sample ID:	P2669-05			Matrix:	Solid		
Analytical Method:	SFAM_SVOC			% Moisture:	0		
Sample Wt/Vol:	10	Units:	g	Final Vol:	500	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061462.D	1	6/3/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161279

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

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BG060424
Lab Sample ID:	P2669-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061462.D	1	6/3/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161279

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33471	7.876				
1146-65-2	Naphthalene-d8	139169	10.667				
15067-26-2	Acenaphthene-d10	103655	14.51				
1517-22-2	Phenanthrene-d10	241591	17.265				
1719-03-5	Chrysene-d12	251316	21.519				
1520-96-3	Perylene-d12	285170	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	78	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG060424
Lab Sample ID:	P2669-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061463.D	1	6/3/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161281

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



Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG060424
Lab Sample ID:	P2669-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			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
BG061463.D	1	6/3/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161281

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



Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG060424
Lab Sample ID:	P2669-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			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
BG061463.D	1	6/3/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161281

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

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG060424
Lab Sample ID:	P2669-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061463.D	1	6/3/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161281

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28232	7.877				
1146-65-2	Naphthalene-d8	113232	10.668				
15067-26-2	Acenaphthene-d10	89312	14.511				
1517-22-2	Phenanthrene-d10	208569	17.26				
1719-03-5	Chrysene-d12	227996	21.514				
1520-96-3	Perylene-d12	260807	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	78	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:	BHBM4	SDG No.:	BG060424
Lab Sample ID:	P2590-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12
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
BG061464.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.8	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	93.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.8	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.3	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.8	380	ug/Kg
98-86-2	Acetophenone	75	U	75	93.8	380	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.3	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.3	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.3	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.3	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.3	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.3	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.3	190	ug/Kg
105-60-2	Caprolactam	73	U	73	93.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.3	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:	BHBM4	SDG No.:	BG060424
Lab Sample ID:	P2590-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12
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
BG061464.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.3	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.3	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.3	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.3	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.8	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.8	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.8	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.3	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.3	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.3	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.3	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.3	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.8	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.8	380	ug/Kg
85-01-8	Phenanthrene	340		31	48.3	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.3	190	ug/Kg
120-12-7	Anthracene	48	J	28	48.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.3	190	ug/Kg
86-74-8	Carbazole	39	U	39	93.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.3	190	ug/Kg
206-44-0	Fluoranthene	730		22	93.8	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:	BHBM4	SDG No.:	BG060424
Lab Sample ID:	P2590-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12
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
BG061464.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	670		20	48.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	52	J	25	48.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	370		26	48.3	190	ug/Kg
218-01-9	Chrysene	430		27	48.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	28	48.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	93.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	570		42	48.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190		43	48.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	400		35	48.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250		32	48.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	82	J	30	48.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		36	48.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.426		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	8.474		20-120		21	SPK: -40
4165-62-2	Phenol-d5	20.813		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.373		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.045		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.19		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	23.392		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.223		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.913		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.824		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.769		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	25.04		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.984		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	22.167		20-140		55	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:	BHBM4	SDG No.:	BG060424
Lab Sample ID:	P2590-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12
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
BG061464.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.289		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	24.174		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	24.586		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.702		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30269	7.876				
1146-65-2	Naphthalene-d8	122575	10.667				
15067-26-2	Acenaphthene-d10	94144	14.51				
1517-22-2	Phenanthrene-d10	207530	17.26				
1719-03-5	Chrysene-d12	217475	21.519				
1520-96-3	Perylene-d12	241668	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.076	
000832-69-9	Phenanthrene, 1-methyl-	83	J			18.141	
000613-12-7	Anthracene, 2-methyl-	100	J			18.188	
004701-17-1	5-Bromo-2-thiophenecarboxaldehyde	140	J			18.329	
003674-66-6	Phenanthrene, 2,5-dimethyl-	100	J			19.058	
	unknown-01	80	J			19.21	
000238-84-6	11H-Benzo[a]fluorene	78	J			20.174	
1000115-87-3	Benzene, [4-(3-ethynylphenyl)-1,3-	110	J			21.196	
000629-54-9	Hexadecanamide	130	J			22.924	
000192-97-2	Benzo[e]pyrene	280	J			24.322	
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:	BHBL6	SDG No.:	BG060424
Lab Sample ID:	P2590-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061465.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	71	U	71	100	400	ug/Kg
110-86-1	Pyridine	94	U	94	200	400	ug/Kg
108-95-2	Phenol	37	U	37	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52.1	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	81	U	81	100	400	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	52.1	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.1	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.1	210	ug/Kg
78-59-1	Isophorone	81	U	81	52.1	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.1	210	ug/Kg
91-20-3	Naphthalene	42	J	29	52.1	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.1	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	52.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	49	J	29	52.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	60	J	39	52.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	52.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	52.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBL6	SDG No.:	BG060424
Lab Sample ID:	P2590-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061465.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	52.1	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52.1	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.1	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.1	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	400	ug/Kg
83-32-9	Acenaphthene	75	J	32	52.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.1	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	52.1	210	ug/Kg
86-73-7	Fluorene	62	J	33	52.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.1	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	52.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.1	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52.1	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	940		33	52.1	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.1	210	ug/Kg
120-12-7	Anthracene	120	J	31	52.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.1	210	ug/Kg
86-74-8	Carbazole	62	J	42	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.1	210	ug/Kg
206-44-0	Fluoranthene	1100		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:	BHBL6	SDG No.:	BG060424
Lab Sample ID:	P2590-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061465.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		22	52.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	490		28	52.1	210	ug/Kg
218-01-9	Chrysene	610		29	52.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	650		45	52.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		47	52.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	500		38	52.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		34	52.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87	J	32	52.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	300		39	52.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.874		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	1.738	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	13.824		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.277		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.512		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	10.545		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	19.348		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.082		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.081		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.518		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.586		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	19.574		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.737		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	19.517		20-140		49	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:	BHBL6	SDG No.:	BG060424
Lab Sample ID:	P2590-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061465.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.053		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	18.585		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	23.19		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.73		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31828	7.874				
1146-65-2	Naphthalene-d8	121989	10.671				
15067-26-2	Acenaphthene-d10	91605	14.513				
1517-22-2	Phenanthrene-d10	213475	17.263				
1719-03-5	Chrysene-d12	212332	21.517				
1520-96-3	Perylene-d12	256414	24.607				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	7400	J			3.074	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.411	
000132-65-0	Dibenzothiophene	94	J			17.081	
1000383-55-1	2-Methyldibenzothiophene	85	J			17.845	
000832-69-9	Phenanthrene, 1-methyl-	270	J			18.138	
002531-84-2	Phenanthrene, 2-methyl-	310	J			18.191	
018791-75-8	4-Bromothiophene-2-aldehyde	350	J			18.332	
000779-02-2	Anthracene, 9-methyl-	170	J			18.373	
000612-94-2	Naphthalene, 2-phenyl-	150	J			18.638	
000084-65-1	9,10-Anthracenedione	170	J			18.685	
000781-43-1	9,10-Dimethylantracene	250	J			19.055	
000483-87-4	Phenanthrene, 1,7-dimethyl-	110	J			19.114	
	unknown-01	110	J			19.202	
	unknown-02	250	J			19.231	
002381-21-7	Pyrene, 1-methyl-	110	J			20.018	
000243-17-4	11H-Benzo[b]fluorene	190	J			20.177	
003442-78-2	Pyrene, 2-methyl-	89	J			20.342	

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:	BHBL6	SDG No.:	BG060424
Lab Sample ID:	P2590-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061465.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000479-79-8	11H-Benzo[a]fluoren-11-one	84	J			20.935	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	93	J			21.111	
002541-69-7	Benz[a]anthracene, 7-methyl-unknown-03	88	J			22.292	
		140	J			22.927	
000192-97-2	Benzo[e]pyrene	330	J			24.325	
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:	BHBL8	SDG No.:	BG060424
Lab Sample ID:	P2590-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061466.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.3	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.7	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.3	390	ug/Kg
98-86-2	Acetophenone	79	U	79	98.3	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.7	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.7	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.7	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.7	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.7	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBL8	SDG No.:	BG060424
Lab Sample ID:	P2590-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
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
BG061466.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.7	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.3	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98.3	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.3	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.7	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.3	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.3	390	ug/Kg
85-01-8	Phenanthrene	370		32	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.7	200	ug/Kg
120-12-7	Anthracene	42	J	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.7	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.7	200	ug/Kg
206-44-0	Fluoranthene	800		23	98.3	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:	BHBL8	SDG No.:	BG060424
Lab Sample ID:	P2590-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061466.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	730		21	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	390		27	50.7	200	ug/Kg
218-01-9	Chrysene	470		29	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	86	J	30	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	590		44	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	430		37	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		33	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	79	J	31	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290		38	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.373		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	8.864		20-120		22	SPK: -40
4165-62-2	Phenol-d5	24.075		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.155		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.894		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	19.043		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	27.593		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.612		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.846		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.642		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.03		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.432		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.174		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	25.277		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:	BHBL8	SDG No.:	BG060424
Lab Sample ID:	P2590-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061466.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.058		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	25.158		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.638		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.846		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30283	7.877				
1146-65-2	Naphthalene-d8	124501	10.668				
15067-26-2	Acenaphthene-d10	90634	14.51				
1517-22-2	Phenanthrene-d10	204928	17.26				
1719-03-5	Chrysene-d12	216041	21.52				
1520-96-3	Perylene-d12	249339	24.616				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	7700	J			3.076	
004254-15-3	(S)-(+)-1,2-Propanediol	230	J			3.605	
	unknown-01	94	J			3.852	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	210	J			10.438	
000770-35-4	1-Phenoxypropan-2-ol	260	J			11.408	
000832-69-9	Phenanthrene, 1-methyl-	83	J			18.141	
000638-53-9	Tridecanoic acid	85	J			18.159	
004505-48-0	1H-Indene, 2-phenyl-	140	J			18.188	
004701-17-1	5-Bromo-2-thiophenecarboxaldehyde	150	J			18.329	
000612-94-2	Naphthalene, 2-phenyl-	82	J			18.64	
000084-65-1	9,10-Anthracenedione	89	J			18.688	
002789-88-0	di-p-Tolylacetylene	110	J			19.058	
	unknown-02	240	J			19.228	
000238-84-6	11H-Benzo[a]fluorene	94	J			20.18	
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	130	J			20.668	
	(DEL) Alkane: Straight-Chain	170	J			21.179	
000789-24-2	9H-Fluorene, 9-phenyl-	110	J			22.289	

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:	BHBL8	SDG No.:	BG060424
Lab Sample ID:	P2590-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061466.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-01-6	Octanamide	120	J			22.93	
1010144-57-9	16-Heptadecenal	240	J			23.276	
	unknown-03	97	J			23.793	
000192-97-2	Benzo[e]pyrene	270	J			24.328	
	(DEL) Alkane: Straight-Chain	25.685	J			25.685	
	(DEL) Alkane: Straight-Chain	28.505	J			28.505	
E966796	Total Alkanes	1000				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:	BHBM0	SDG No.:	BG060424
Lab Sample ID:	P2590-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG061467.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99.9	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	45	J	36	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.5	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.9	400	ug/Kg
98-86-2	Acetophenone	80	U	80	99.9	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.5	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.5	210	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51.5	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.5	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.5	210	ug/Kg
105-60-2	Caprolactam	77	U	77	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBM0	SDG No.:	BG060424
Lab Sample ID:	P2590-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG061467.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.5	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.9	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.9	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.5	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.5	210	ug/Kg
86-73-7	Fluorene	51	J	33	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.5	210	ug/Kg
1912-24-9	Atrazine	34	U	34	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.9	400	ug/Kg
85-01-8	Phenanthrene	660		33	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.5	210	ug/Kg
120-12-7	Anthracene	100	J	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.5	210	ug/Kg
86-74-8	Carbazole	69	J	41	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.5	210	ug/Kg
206-44-0	Fluoranthene	1000		23	99.9	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:	BHBM0	SDG No.:	BG060424
Lab Sample ID:	P2590-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG061467.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	900		22	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	510		28	51.5	210	ug/Kg
218-01-9	Chrysene	530		29	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	660		45	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	490		38	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		34	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83	J	31	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	300		39	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.512		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	11.478		20-120		29	SPK: -40
4165-62-2	Phenol-d5	25.685		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.387		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.217		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	18.499		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	32.944		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.215		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.801		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.329		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.315		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.673		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.59		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	29.33		20-140		73	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:	BHBM0	SDG No.:	BG060424
Lab Sample ID:	P2590-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG061467.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.822		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	27.557		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	30.223		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.757		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25833	7.873				
1146-65-2	Naphthalene-d8	94690	10.67				
15067-26-2	Acenaphthene-d10	71688	14.513				
1517-22-2	Phenanthrene-d10	170068	17.262				
1719-03-5	Chrysene-d12	186598	21.516				
1520-96-3	Perylene-d12	215636	24.612				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.073	
	unknown-01	200	J			3.854	
000832-69-9	Phenanthrene, 1-methyl-	180	J			18.138	
002531-84-2	Phenanthrene, 2-methyl-	210	J			18.185	
000203-64-5	4H-Cyclopenta[def]phenanthrene	210	J			18.332	
004505-48-0	1H-Indene, 2-phenyl-	90	J			18.373	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	100	J			18.637	
000084-65-1	9,10-Anthracenedione	120	J			18.684	
022360-63-0	3-Methyl-1-phenyl-1H-indene	120	J			19.06	
005737-13-3	Cyclopenta(def)phenanthrenone	150	J			19.207	
002381-21-7	Pyrene, 1-methyl-	88	J			20.018	
000243-17-4	11H-Benzo[b]fluorene	110	J			20.177	
	unknown-02	120	J			22.932	
	unknown-03	240	J			24.331	
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:	BHBM2	SDG No.:	BG060424
Lab Sample ID:	P2590-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BG061468.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	80	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.5	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.5	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.7	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.5	390	ug/Kg
98-86-2	Acetophenone	79	U	79	98.5	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.7	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.7	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.7	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.7	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.7	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBM2	SDG No.:	BG060424
Lab Sample ID:	P2590-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BG061468.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.7	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.5	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	98.5	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.5	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.7	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.5	390	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	98.5	390	ug/Kg
85-01-8	Phenanthrene	110	J	32	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.7	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.7	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.7	200	ug/Kg
206-44-0	Fluoranthene	190	J	23	98.5	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:	BHBM2	SDG No.:	BG060424
Lab Sample ID:	P2590-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BG061468.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	21	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	92	J	27	50.7	200	ug/Kg
218-01-9	Chrysene	99	J	29	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	44	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	J	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	96	J	37	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61	J	33	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	74	J	38	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.978		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	11.838		20-120		30	SPK: -40
4165-62-2	Phenol-d5	21.378		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.831		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.274		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	18.948		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	22.276		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.846		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.264		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.747		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.33		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.282		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.923		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	25.143		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:	BHBM2	SDG No.:	BG060424
Lab Sample ID:	P2590-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BG061468.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.518		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	24.217		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	26.577		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.38		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28905	7.876				
1146-65-2	Naphthalene-d8	120075	10.667				
15067-26-2	Acenaphthene-d10	91529	14.509				
1517-22-2	Phenanthrene-d10	209241	17.259				
1719-03-5	Chrysene-d12	230566	21.519				
1520-96-3	Perylene-d12	262019	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	940	J			3.076	
000544-63-8	Tetradecanoic acid	86	J			18.164	
062016-76-6	Nonadecane, 1-chloro-	120	J			21.178	
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:	BHBM3	SDG No.:	BG060424
Lab Sample ID:	P2590-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061469.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.2	83	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	96	U	96	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	35	U	35	52.7	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	82	U	82	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	52.7	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	52.7	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.7	210	ug/Kg
78-59-1	Isophorone	82	U	82	52.7	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.7	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.7	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	52.7	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.7	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BHBM3	SDG No.:	BG060424
Lab Sample ID:	P2590-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061469.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.7	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.7	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.7	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.7	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.7	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.7	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.7	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.7	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.7	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	660		33	52.7	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.7	210	ug/Kg
120-12-7	Anthracene	88	J	31	52.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.7	210	ug/Kg
86-74-8	Carbazole	65	J	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.7	210	ug/Kg
206-44-0	Fluoranthene	1400		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:	BHBM3	SDG No.:	BG060424
Lab Sample ID:	P2590-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061469.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		22	52.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	190	J	27	52.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	760		29	52.7	210	ug/Kg
218-01-9	Chrysene	920		30	52.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	600		31	52.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		46	52.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	410		47	52.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	860		38	52.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510		35	52.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	32	52.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	590		40	52.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.709		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	6.377	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	22.013		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.978		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.26		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.589		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	26.948		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.25		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.219		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.045		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.017		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.488		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.239		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	29.317		20-140		73	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:	BHBM3	SDG No.:	BG060424
Lab Sample ID:	P2590-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061469.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.251		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	30.971		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	32.433		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.779		10-140		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33741	7.877				
1146-65-2	Naphthalene-d8	132441	10.668				
15067-26-2	Acenaphthene-d10	91791	14.51				
1517-22-2	Phenanthrene-d10	206082	17.26				
1719-03-5	Chrysene-d12	231457	21.52				
1520-96-3	Perylene-d12	266494	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	8500	J			3.071	
	unknown-01	110	J			3.852	
000832-69-9	Phenanthrene, 1-methyl-	190	J			18.141	
000779-02-2	Anthracene, 9-methyl-	230	J			18.188	
000203-64-5	4H-Cyclopenta[def]phenanthrene	270	J			18.335	
000610-48-0	Anthracene, 1-methyl-	110	J			18.371	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	110	J			18.641	
000084-65-1	9,10-Anthracenedione	170	J			18.688	
000781-43-1	9,10-Dimethylantracene	260	J			19.058	
007469-40-1	Naphthalene, 1,2-dihydro-4-phenyl-	83	J			19.117	
007005-72-3	Benzene, 1-chloro-4-phenoxy-	210	J			19.199	
002381-21-7	Pyrene, 1-methyl-	90	J			20.01	
000243-17-4	11H-Benzo[b]fluorene	130	J			20.18	
	unknown-02	110	J			21.156	
000479-79-8	11H-Benzo[a]fluoren-11-one	93	J			21.261	
	unknown-03	150	J			21.714	
131758-71-9	(2,3-Diphenylcyclopropyl)methyl ph	130	J			21.784	

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:	BHBM3	SDG No.:	BG060424
Lab Sample ID:	P2590-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061469.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	22.289				22.289	
003322-62-1	9-Octadecenamide	120	J			22.924	
000198-55-0	Perylene	560	J			24.328	
	(DEL) Alkane: Straight-Chain	25.674				25.674	
E966796	Total Alkanes	400				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T0	SDG No.:	BG060424
Lab Sample ID:	P2591-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061470.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

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	72	J	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	70	J	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:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T0	SDG No.:	BG060424
Lab Sample ID:	P2591-07	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
BG061470.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

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	69	J	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	90	J	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	63	J	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	1400		31	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.7	190	ug/Kg
120-12-7	Anthracene	260		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	200	J	39	94.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.7	190	ug/Kg
206-44-0	Fluoranthene	1800		22	94.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T0	SDG No.:	BG060424
Lab Sample ID:	P2591-07	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
BG061470.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		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	800		26	48.7	190	ug/Kg
218-01-9	Chrysene	790		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	970		42	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	300		44	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	640		36	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		32	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	30	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400		37	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.682		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	15.836		20-120		40	SPK: -40
4165-62-2	Phenol-d5	20.608		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.607		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.177		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.877		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	24.04		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.601		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.441		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.321		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.704		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.77		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.143		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	23.843		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T0	SDG No.:	BG060424
Lab Sample ID:	P2591-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BG061470.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.025		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	25.293		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	24.153		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.366		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32513	7.877				
1146-65-2	Naphthalene-d8	124899	10.667				
15067-26-2	Acenaphthene-d10	94465	14.51				
1517-22-2	Phenanthrene-d10	214509	17.266				
1719-03-5	Chrysene-d12	231803	21.519				
1520-96-3	Perylene-d12	272607	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			3.07	
	unknown-01	120	J			3.605	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.408	
000486-25-9	9H-Fluoren-9-one	150	J			16.919	
000132-65-0	Dibenzothiophene	100	J			17.078	
000832-69-9	Phenanthrene, 1-methyl-	200	J			18.141	
000610-48-0	Anthracene, 1-methyl-	260	J			18.188	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			18.335	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	130	J			18.64	
000084-65-1	9,10-Anthracenedione	170	J			18.687	
005737-13-3	Cyclopenta(def)phenanthrenone	200	J			19.204	
000479-79-8	11H-Benzo[a]fluoren-11-one	130	J			20.938	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	89	J			21.108	
	unknown-02	85	J			21.202	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			21.261	
000301-02-0	9-Octadecenamide, (Z)-	96	J			22.924	
000198-55-0	Perylene	140	J			23.875	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T0	SDG No.:	BG060424
Lab Sample ID:	P2591-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061470.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	370	J			24.328	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T1	SDG No.:	BG060424
Lab Sample ID:	P2591-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061471.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.9	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.9	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.9	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	47.9	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.9	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.9	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.9	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	92.9	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.9	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	47.9	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.9	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.9	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	47.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.9	190	ug/Kg
91-20-3	Naphthalene	50	J	27	47.9	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	47.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.9	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.9	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	120	J	36	47.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.9	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T1	SDG No.:	BG060424
Lab Sample ID:	P2591-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061471.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.9	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.9	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	47.9	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.9	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.9	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.9	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	92.9	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.9	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.9	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	47.9	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.9	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.9	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.9	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	47.9	190	ug/Kg
1912-24-9	Atrazine	32	U	32	92.9	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.9	370	ug/Kg
85-01-8	Phenanthrene	320		30	47.9	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.9	190	ug/Kg
120-12-7	Anthracene	51	J	28	47.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.9	190	ug/Kg
86-74-8	Carbazole	45	J	38	92.9	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.9	190	ug/Kg
206-44-0	Fluoranthene	440		21	92.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T1	SDG No.:	BG060424
Lab Sample ID:	P2591-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061471.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	340		20	47.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	92.9	370	ug/Kg
56-55-3	Benzo(a)anthracene	200		26	47.9	190	ug/Kg
218-01-9	Chrysene	190		27	47.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.9	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		42	47.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	96	J	43	47.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	35	47.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	32	47.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	J	29	47.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	36	47.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	47.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.165		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	11.964		20-120		30	SPK: -40
4165-62-2	Phenol-d5	20.269		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.137		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.096		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.291		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.875		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.978		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.88		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.546		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.695		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.242		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.351		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	24.115		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T1	SDG No.:	BG060424
Lab Sample ID:	P2591-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061471.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.696		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	23.876		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	23.167		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.491		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24257	7.878				
1146-65-2	Naphthalene-d8	99093	10.668				
15067-26-2	Acenaphthene-d10	79305	14.511				
1517-22-2	Phenanthrene-d10	196367	17.261				
1719-03-5	Chrysene-d12	214780	21.514				
1520-96-3	Perylene-d12	240065	24.611				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			3.071	
000770-35-4	1-Phenoxypropan-2-ol	88	J			11.403	
1000293-20-9	8-Methyl-6-nonenamide	90	J			22.925	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T2	SDG No.:	BG060424
Lab Sample ID:	P2591-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BG061472.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	100	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.6	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	80	U	80	100	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.6	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.6	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	51.6	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.6	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	51.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.6	210	ug/Kg
91-20-3	Naphthalene	93	J	29	51.6	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.6	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	42	J	29	51.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	93	J	39	51.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T2	SDG No.:	BG060424
Lab Sample ID:	P2591-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BG061472.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	51.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.6	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	51.6	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.6	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.6	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	100	400	ug/Kg
83-32-9	Acenaphthene	110	J	32	51.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	110	J	33	51.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.6	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.6	210	ug/Kg
86-73-7	Fluorene	120	J	33	51.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.6	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	51.6	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.6	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	1800		33	51.6	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.6	210	ug/Kg
120-12-7	Anthracene	360		30	51.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.6	210	ug/Kg
86-74-8	Carbazole	260	J	41	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.6	210	ug/Kg
206-44-0	Fluoranthene	2400		23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T2	SDG No.:	BG060424
Lab Sample ID:	P2591-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BG061472.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		22	51.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	1100		28	51.6	210	ug/Kg
218-01-9	Chrysene	1100		29	51.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	J	30	51.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		45	51.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	450		46	51.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	600		38	51.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410		34	51.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	J	32	51.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	81	J	39	51.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.865		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	6.972	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	20.573		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.132		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.174		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	18.164		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	21.285		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.842		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.261		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.272		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.598		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.584		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.695		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	22.889		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T2	SDG No.:	BG060424
Lab Sample ID:	P2591-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BG061472.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.383		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	23.975		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	21.342		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.47		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26557	7.874				
1146-65-2	Naphthalene-d8	111234	10.671				
15067-26-2	Acenaphthene-d10	80900	14.513				
1517-22-2	Phenanthrene-d10	188699	17.263				
1719-03-5	Chrysene-d12	197401	21.517				
1520-96-3	Perylene-d12	226392	24.613				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.074	
	unknown-01	100	J			3.608	
000079-39-0	Methacrylamide	91	J			3.855	
006180-61-6	1-Propanol, 3-phenoxy-	98	J			11.411	
000486-25-9	9H-Fluoren-9-one	150	J			16.916	
000132-65-0	Dibenzothiophene	110	J			17.081	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	210	J			18.138	
000613-12-7	Anthracene, 2-methyl-	310	J			18.185	
000610-48-0	Anthracene, 1-methyl-	81	J			18.268	
000203-64-5	4H-Cyclopenta[def]phenanthrene	300	J			18.338	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	110	J			18.373	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	150	J			18.638	
000084-65-1	9,10-Anthracenedione	200	J			18.685	
001576-67-6	Phenanthrene, 3,6-dimethyl-	100	J			19.061	
005737-13-3	Cyclopenta(def)phenanthrenone	230	J			19.202	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			20.935	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	100	J			21.105	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5T2	SDG No.:	BG060424
Lab Sample ID:	P2591-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BG061472.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	120	J			21.2	
000479-79-8	11H-Benzo[a]fluoren-11-one	120	J			21.258	
000301-02-0	9-Octadecenamide, (Z)-	120	J			22.927	
1000397-19-0	5,12-ethanonaphthacene-6-carbonitr	150	J			23.279	
000192-97-2	Benzo[e]pyrene	180	J			23.879	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	83	J			24.078	
000198-55-0	Perylene	180	J			24.331	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS141	SDG No.:	BG060424
Lab Sample ID:	PB161141BS	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
BG061473.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	500		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1400		58	82.5	330	ug/Kg
110-86-1	Pyridine	1200		77	170	330	ug/Kg
108-95-2	Phenol	1200		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1200		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1200		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		40	82.5	330	ug/Kg
98-86-2	Acetophenone	1100		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1200		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1200		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		64	42.5	170	ug/Kg
78-59-1	Isophorone	1100		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1300		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	850		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		38	42.5	170	ug/Kg
91-20-3	Naphthalene	1200		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1000		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1300		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1000		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	J	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS141	SDG No.:	BG060424
Lab Sample ID:	PB161141BS	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
BG061473.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1100		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1200		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1300		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1200		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	950		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1000		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1200		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		33	42.5	170	ug/Kg
86-73-7	Fluorene	1200		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1300		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		28	42.5	170	ug/Kg
1912-24-9	Atrazine	1200		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1100		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1300		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1400		37	42.5	170	ug/Kg
120-12-7	Anthracene	1200		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		17	42.5	170	ug/Kg
86-74-8	Carbazole	1300		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1300		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1200		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS141	SDG No.:	BG060424
Lab Sample ID:	PB161141BS	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
BG061473.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1200		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1300		23	42.5	170	ug/Kg
218-01-9	Chrysene	1300		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1200		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.889		15-120		99	SPK: -8
7291-22-7	Pyridine-d5	35.36		20-120		88	SPK: -40
4165-62-2	Phenol-d5	36.134		10-130		90	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.896		10-150		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.662		15-120		97	SPK: -40
190780-66-6	4-Methylphenol-d8	36.708		10-140		92	SPK: -40
4165-60-0	Nitrobenzene-d5	38.012		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.674		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.354		10-140		101	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.1		1-145		88	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.508		10-145		94	SPK: -40
93951-97-4	Acenaphthylene-d8	39.25		15-120		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.227		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	38.406		20-140		96	SPK: -40

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS141	SDG No.:	BG060424
Lab Sample ID:	PB161141BS	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
BG061473.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.69		10-130		89	SPK: -40
1719-06-8	Anthracene-d10	39.012		10-150		98	SPK: -40
1718-52-1	Pyrene-d10	38.621		10-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.289		10-140		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25531	7.874				
1146-65-2	Naphthalene-d8	116961	10.67				
15067-26-2	Acenaphthene-d10	85659	14.513				
1517-22-2	Phenanthrene-d10	198301	17.263				
1719-03-5	Chrysene-d12	208703	21.522				
1520-96-3	Perylene-d12	232081	24.607				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK200	SDG No.:	BG060424
Lab Sample ID:	PB161200BL	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
BG061475.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

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:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK200	SDG No.:	BG060424
Lab Sample ID:	PB161200BL	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
BG061475.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

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:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK200	SDG No.:	BG060424
Lab Sample ID:	PB161200BL	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
BG061475.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

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	4.615		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	24.229		20-120		61	SPK: -40
4165-62-2	Phenol-d5	27.546		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.338		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.907		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	27.122		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	30.79		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.342		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.283		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.188		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.457		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.631		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.275		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	28.334		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK200	SDG No.:	BG060424
Lab Sample ID:	PB161200BL	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
BG061475.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.953		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	33.562		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	31.384		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.744		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29951	7.871				
1146-65-2	Naphthalene-d8	117962	10.667				
15067-26-2	Acenaphthene-d10	95549	14.51				
1517-22-2	Phenanthrene-d10	208300	17.26				
1719-03-5	Chrysene-d12	240124	21.513				
1520-96-3	Perylene-d12	266253	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			3.07	
E966796	Total Alkanes	26	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:	BHBL7DL			SDG No.:	BG060424	
Lab Sample ID:	P2590-11DL			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	18.9	
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
BG061476.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	170	U	170	40.6	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	370	U	370	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	250	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	260	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:	BHBL7DL	SDG No.:	BG060424
Lab Sample ID:	P2590-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061476.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

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	180	U	180	260	1000	ug/Kg
99-09-2	3-Nitroaniline	410	U	410	510	2000	ug/Kg
83-32-9	Acenaphthene	460	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	440	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	580	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	5900	D	170	260	1000	ug/Kg
608-93-5	Pentachlorobenzene	230	U	230	260	1000	ug/Kg
120-12-7	Anthracene	1200	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	460	JD	210	510	2000	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	260	1000	ug/Kg
206-44-0	Fluoranthene	5800	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:	BHBL7DL	SDG No.:	BG060424
Lab Sample ID:	P2590-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061476.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4900	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	2600	D	140	260	1000	ug/Kg
218-01-9	Chrysene	2500	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	290	U	290	510	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	2900	D	230	260	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	830	JD	230	260	1000	ug/Kg
50-32-8	Benzo(a)pyrene	2200	D	190	260	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	D	170	260	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	380	JD	160	260	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	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	13.845		20-120		35	SPK: -40
4165-62-2	Phenol-d5	26.19		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.435		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.545		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	25.11		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	32.855		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.72		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.135		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.13		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.365		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	30.735		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.575		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	30.145		20-140		75	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:	BHBL7DL	SDG No.:	BG060424
Lab Sample ID:	P2590-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.9
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
BG061476.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	32.815		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	33.705		10-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.055		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26741	7.877				
1146-65-2	Naphthalene-d8	104779	10.668				
15067-26-2	Acenaphthene-d10	78647	14.51				
1517-22-2	Phenanthrene-d10	183335	17.26				
1719-03-5	Chrysene-d12	196562	21.514				
1520-96-3	Perylene-d12	225396	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	13000	JD			3.071	
000832-69-9	Phenanthrene, 1-methyl-	870	JD			18.136	
004505-48-0	1H-Indene, 2-phenyl-	1100	JD			18.188	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1400	JD			18.335	
000832-64-4	Phenanthrene, 4-methyl-	480	JD			18.371	
000612-94-2	Naphthalene, 2-phenyl-	590	JD			18.635	
000084-65-1	9,10-Anthracenedione	520	JD			18.688	
002789-88-0	di-p-Tolylacetylene	790	JD			19.052	
005737-13-3	Cyclopenta(def)phenanthrenone	560	JD			19.199	
002381-21-7	Pyrene, 1-methyl-	470	JD			20.18	
002498-76-2	Benz[a]anthracene, 2-methyl-	420	JD			22.219	
000205-82-3	Benzo[j]fluoranthene	440	JD			23.876	
000192-97-2	Benzo[e]pyrene	1300	JD			24.322	
E966796	Total Alkanes	160	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:	BH629DL	SDG No.:	BG060424
Lab Sample ID:	P2549-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061477.D	2	5/24/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161108

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

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH629DL	SDG No.:	BG060424
Lab Sample ID:	P2549-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061477.D	2	5/24/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	66	U	66	110	430	ug/Kg
91-58-7	2-Chloronaphthalene	83	U	83	110	430	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	110	430	ug/Kg
131-11-3	Dimethylphthalate	76	U	76	110	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	110	430	ug/Kg
208-96-8	Acenaphthylene	73	U	73	110	430	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	210	830	ug/Kg
83-32-9	Acenaphthene	170	JD	66	110	430	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	210	830	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	210	830	ug/Kg
132-64-9	Dibenzofuran	100	JD	68	110	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	88	U	88	110	430	ug/Kg
84-66-2	Diethylphthalate	83	U	83	110	430	ug/Kg
86-73-7	Fluorene	140	JD	68	110	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	110	430	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	210	830	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	210	830	ug/Kg
86-30-6	N-Nitrosodiphenylamine	61	U	61	110	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86	U	86	110	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66	U	66	110	430	ug/Kg
118-74-1	Hexachlorobenzene	71	U	71	110	430	ug/Kg
1912-24-9	Atrazine	71	U	71	210	830	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	210	830	ug/Kg
85-01-8	Phenanthrene	2200	D	68	110	430	ug/Kg
608-93-5	Pentachlorobenzene	93	U	93	110	430	ug/Kg
120-12-7	Anthracene	410	JD	63	110	430	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	43	U	43	110	430	ug/Kg
86-74-8	Carbazole	220	JD	86	210	830	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	110	430	ug/Kg
206-44-0	Fluoranthene	2900	D	48	210	430	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:	BH629DL	SDG No.:	BG060424
Lab Sample ID:	P2549-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061477.D	2	5/24/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2500	D	45	110	430	ug/Kg
85-68-7	Butylbenzylphthalate	91	JD	56	110	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	210	830	ug/Kg
56-55-3	Benzo(a)anthracene	1400	D	58	110	430	ug/Kg
218-01-9	Chrysene	1400	D	61	110	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	JD	63	110	430	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	210	830	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700	D	93	110	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	530	D	96	110	430	ug/Kg
50-32-8	Benzo(a)pyrene	1200	D	78	110	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	680	D	71	110	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	JD	66	110	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	790	D	81	110	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91	U	91	110	430	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.312		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	12.75		20-120		32	SPK: -40
4165-62-2	Phenol-d5	18.49		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.44		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.028		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.93		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	23.012		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.974		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.912		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.276		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.764		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	24.04		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.224		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	22.058		20-140		55	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:	BH629DL	SDG No.:	BG060424
Lab Sample ID:	P2549-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061477.D	2	5/24/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.706		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	23.624		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	23.644		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.618		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36075	7.875				
1146-65-2	Naphthalene-d8	140548	10.666				
15067-26-2	Acenaphthene-d10	105578	14.509				
1517-22-2	Phenanthrene-d10	245182	17.264				
1719-03-5	Chrysene-d12	260194	21.518				
1520-96-3	Perylene-d12	308389	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	9500	JD			3.075	
000079-39-0	Methacrylamide	180	JD			3.851	
002531-84-2	Phenanthrene, 2-methyl-	300	JD			18.134	
000832-69-9	Phenanthrene, 1-methyl-	390	JD			18.187	
000203-64-5	4H-Cyclopenta[def]phenanthrene	480	JD			18.334	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	210	JD			18.639	
000084-65-1	9,10-Anthracenedione	220	JD			18.686	
003674-66-6	Phenanthrene, 2,5-dimethyl-	320	JD			19.056	
005737-13-3	Cyclopenta(def)phenanthrenone	250	JD			19.197	
000243-17-4	11H-Benzo[b]fluorene	170	JD			20.008	
000238-84-6	11H-Benzo[a]fluorene	180	JD			20.173	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	190	JD			21.107	
	unknown-01	210	JD			21.201	
000479-79-8	11H-Benzo[a]fluoren-11-one	180	JD			21.26	
000205-82-3	Benzo[j]fluoranthene	220	JD			23.874	
000192-97-2	Benzo[e]pyrene	800	JD			24.327	
019653-19-1	1-Amino-4-(phenylthio)isoquinoline	400	JD			24.679	

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:	BH629DL	SDG No.:	BG060424
Lab Sample ID:	P2549-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061477.D	2	5/24/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161108

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	66	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:	BH5W5DL	SDG No.:	BG060424
Lab Sample ID:	P2589-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061478.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	160	U	160	38	380	ug/Kg
100-52-7	Benzaldehyde	330	U	330	480	1900	ug/Kg
110-86-1	Pyridine	440	U	440	950	1900	ug/Kg
108-95-2	Phenol	170	U	170	480	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	170	U	170	480	1900	ug/Kg
95-57-8	2-Chlorophenol	160	U	160	240	980	ug/Kg
95-48-7	2-Methylphenol	180	U	180	480	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	230	U	230	480	1900	ug/Kg
98-86-2	Acetophenone	380	U	380	480	1900	ug/Kg
106-44-5	4-Methylphenol	310	U	310	480	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	460	U	460	240	980	ug/Kg
67-72-1	Hexachloroethane	350	U	350	240	980	ug/Kg
98-95-3	Nitrobenzene	370	U	370	240	980	ug/Kg
78-59-1	Isophorone	380	U	380	240	980	ug/Kg
88-75-5	2-Nitrophenol	350	U	350	240	980	ug/Kg
105-67-9	2,4-Dimethylphenol	180	U	180	240	980	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	260	U	260	240	980	ug/Kg
120-83-2	2,4-Dichlorophenol	220	U	220	240	980	ug/Kg
91-20-3	Naphthalene	140	U	140	240	980	ug/Kg
106-47-8	4-Chloroaniline	210	U	210	240	1900	ug/Kg
87-68-3	Hexachlorobutadiene	200	U	200	240	980	ug/Kg
105-60-2	Caprolactam	370	U	370	480	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	U	240	240	980	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	240	980	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	240	980	ug/Kg
77-47-4	Hexachlorocyclopentadiene	560	U	560	480	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	240	980	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	190	240	980	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:	BH5W5DL	SDG No.:	BG060424
Lab Sample ID:	P2589-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061478.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	150	U	150	240	980	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	190	240	980	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	240	980	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	240	980	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	240	980	ug/Kg
208-96-8	Acenaphthylene	290	JD	170	240	980	ug/Kg
99-09-2	3-Nitroaniline	380	U	380	480	1900	ug/Kg
83-32-9	Acenaphthene	150	U	150	240	980	ug/Kg
51-28-5	2,4-Dinitrophenol	750	U	750	480	1900	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	480	1900	ug/Kg
132-64-9	Dibenzofuran	160	U	160	240	980	ug/Kg
121-14-2	2,4-Dinitrotoluene	200	U	200	240	980	ug/Kg
84-66-2	Diethylphthalate	190	U	190	240	980	ug/Kg
86-73-7	Fluorene	280	JD	160	240	980	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	240	980	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	480	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	480	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	U	140	240	980	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	200	240	980	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	240	980	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	240	980	ug/Kg
1912-24-9	Atrazine	160	U	160	480	1900	ug/Kg
87-86-5	Pentachlorophenol	510	U	510	480	1900	ug/Kg
85-01-8	Phenanthrene	5800	D	160	240	980	ug/Kg
608-93-5	Pentachlorobenzene	210	U	210	240	980	ug/Kg
120-12-7	Anthracene	700	JD	140	240	980	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	98	U	98	240	980	ug/Kg
86-74-8	Carbazole	540	JD	200	480	1900	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	240	980	ug/Kg
206-44-0	Fluoranthene	12000	D	110	480	980	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:	BH5W5DL	SDG No.:	BG060424
Lab Sample ID:	P2589-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061478.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	10000	D	100	240	980	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	240	980	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	480	1900	ug/Kg
56-55-3	Benzo(a)anthracene	6100	D	130	240	980	ug/Kg
218-01-9	Chrysene	6600	D	140	240	980	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	240	980	ug/Kg
117-84-0	Di-n-octyl phthalate	280	U	280	480	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	8300	D	210	240	980	ug/Kg
207-08-9	Benzo(k)fluoranthene	3000	D	220	240	980	ug/Kg
50-32-8	Benzo(a)pyrene	6300	D	180	240	980	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3600	D	160	240	980	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100	D	150	240	980	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3500	D	180	240	980	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	210	240	980	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	14.915		20-120		37	SPK: -40
4165-62-2	Phenol-d5	31.805		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.69		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.96		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	31.185		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	37.295		10-135		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	34		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.18		10-140		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.95		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.905		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	38.37		15-120		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.46		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	36.21		20-140		91	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:	BH5W5DL	SDG No.:	BG060424
Lab Sample ID:	P2589-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061478.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.165		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	39.9		10-150		100	SPK: -40
1718-52-1	Pyrene-d10	38.135		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.48		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34436	7.876				
1146-65-2	Naphthalene-d8	138602	10.667				
15067-26-2	Acenaphthene-d10	102560	14.509				
1517-22-2	Phenanthrene-d10	228707	17.265				
1719-03-5	Chrysene-d12	249164	21.524				
1520-96-3	Perylene-d12	290031	24.615				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	10000	JD			3.075	
000079-39-0	Methacrylamide	440	JD			3.851	
007372-88-5	Dibenzothiophene, 4-methyl-	390	JD			17.846	
000610-48-0	Anthracene, 1-methyl-	1500	JD			18.14	
002531-84-2	Phenanthrene, 2-methyl-	1700	JD			18.187	
000203-64-5	4H-Cyclopenta[def]phenanthrene	2200	JD			18.334	
000832-64-4	Phenanthrene, 4-methyl-	900	JD			18.369	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	950	JD			18.64	
000084-65-1	9,10-Anthracenedione	1100	JD			18.687	
052251-71-5	Anthracene, 2-ethyl-	670	JD			18.886	
003674-66-6	Phenanthrene, 2,5-dimethyl-	1500	JD			19.057	
005737-13-3	Cyclopenta(def)phenanthrenone	1300	JD			19.204	
002381-21-7	Pyrene, 1-methyl-	620	JD			20.014	
000243-17-4	11H-Benzo[b]fluorene	640	JD			20.179	
003442-78-2	Pyrene, 2-methyl-	480	JD			20.338	
000479-79-8	11H-Benzo[a]fluoren-11-one	520	JD			20.937	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	600	JD			21.107	

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:	BH5W5DL	SDG No.:	BG060424
Lab Sample ID:	P2589-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061478.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-01	410	JD			21.148	
027208-37-3	Cyclopenta[cd]pyrene	550	JD			21.201	
000082-05-3	7H-Benz[de]anthracen-7-one	500	JD			21.26	
1000305-22-4	1H-Benz[f]indene, 2-phenyl-	560	JD			22.224	
044657-41-2	Plumbane, trimethyl[(methylsulfiny	770	JD			23.281	
000192-97-2	Benzo[e]pyrene	1100	JD			23.881	
	unknown-02	3800	JD			24.333	
	unknown-03	1900	JD			24.691	
E966796	Total Alkanes	150	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:	BH5W6DL	SDG No.:	BG060424
Lab Sample ID:	P2589-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BG061479.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	150	U	150	37.6	380	ug/Kg
100-52-7	Benzaldehyde	330	U	330	470	1900	ug/Kg
110-86-1	Pyridine	440	U	440	940	1900	ug/Kg
108-95-2	Phenol	170	U	170	470	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	170	U	170	470	1900	ug/Kg
95-57-8	2-Chlorophenol	160	U	160	240	970	ug/Kg
95-48-7	2-Methylphenol	180	U	180	470	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	230	U	230	470	1900	ug/Kg
98-86-2	Acetophenone	380	U	380	470	1900	ug/Kg
106-44-5	4-Methylphenol	300	U	300	470	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	450	U	450	240	970	ug/Kg
67-72-1	Hexachloroethane	350	U	350	240	970	ug/Kg
98-95-3	Nitrobenzene	360	U	360	240	970	ug/Kg
78-59-1	Isophorone	380	U	380	240	970	ug/Kg
88-75-5	2-Nitrophenol	340	U	340	240	970	ug/Kg
105-67-9	2,4-Dimethylphenol	180	U	180	240	970	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	260	U	260	240	970	ug/Kg
120-83-2	2,4-Dichlorophenol	220	U	220	240	970	ug/Kg
91-20-3	Naphthalene	140	U	140	240	970	ug/Kg
106-47-8	4-Chloroaniline	210	U	210	240	1900	ug/Kg
87-68-3	Hexachlorobutadiene	200	U	200	240	970	ug/Kg
105-60-2	Caprolactam	360	U	360	470	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	230	U	230	240	970	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	240	970	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	240	970	ug/Kg
77-47-4	Hexachlorocyclopentadiene	550	U	550	470	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	240	970	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	190	240	970	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:	BH5W6DL	SDG No.:	BG060424
Lab Sample ID:	P2589-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BG061479.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	150	U	150	240	970	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	190	240	970	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	240	970	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	240	970	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	240	970	ug/Kg
208-96-8	Acenaphthylene	170	U	170	240	970	ug/Kg
99-09-2	3-Nitroaniline	380	U	380	470	1900	ug/Kg
83-32-9	Acenaphthene	150	U	150	240	970	ug/Kg
51-28-5	2,4-Dinitrophenol	740	U	740	470	1900	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	470	1900	ug/Kg
132-64-9	Dibenzofuran	150	U	150	240	970	ug/Kg
121-14-2	2,4-Dinitrotoluene	200	U	200	240	970	ug/Kg
84-66-2	Diethylphthalate	190	U	190	240	970	ug/Kg
86-73-7	Fluorene	150	U	150	240	970	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	240	970	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	470	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	470	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	U	140	240	970	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	190	240	970	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	240	970	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	240	970	ug/Kg
1912-24-9	Atrazine	160	U	160	470	1900	ug/Kg
87-86-5	Pentachlorophenol	500	U	500	470	1900	ug/Kg
85-01-8	Phenanthrene	3300	D	150	240	970	ug/Kg
608-93-5	Pentachlorobenzene	210	U	210	240	970	ug/Kg
120-12-7	Anthracene	390	JD	140	240	970	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	97	U	97	240	970	ug/Kg
86-74-8	Carbazole	270	JD	190	470	1900	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	150	240	970	ug/Kg
206-44-0	Fluoranthene	6800	D	110	470	970	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:	BH5W6DL	SDG No.:	BG060424
Lab Sample ID:	P2589-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BG061479.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	6000	D	100	240	970	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	240	970	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	470	1900	ug/Kg
56-55-3	Benzo(a)anthracene	3700	D	130	240	970	ug/Kg
218-01-9	Chrysene	4000	D	140	240	970	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	240	970	ug/Kg
117-84-0	Di-n-octyl phthalate	270	U	270	470	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	5000	D	210	240	970	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	D	220	240	970	ug/Kg
50-32-8	Benzo(a)pyrene	3700	D	180	240	970	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100	D	160	240	970	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	620	JD	150	240	970	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2100	D	180	240	970	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	210	240	970	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	15.05		20-120		38	SPK: -40
4165-62-2	Phenol-d5	26.46		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.85		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.39		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	24.195		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	30.93		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.025		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.305		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.96		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.29		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	32.35		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.575		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	32.94		20-140		82	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:	BH5W6DL	SDG No.:	BG060424
Lab Sample ID:	P2589-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BG061479.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.515		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	33.605		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	34.52		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.125		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32402	7.873				
1146-65-2	Naphthalene-d8	136511	10.669				
15067-26-2	Acenaphthene-d10	99983	14.512				
1517-22-2	Phenanthrene-d10	236936	17.262				
1719-03-5	Chrysene-d12	254565	21.521				
1520-96-3	Perylene-d12	297039	24.612				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	9000	JD			3.072	
000079-39-0	Methacrylamide	540	JD			3.848	
000832-69-9	Phenanthrene, 1-methyl-	760	JD			18.137	
000779-02-2	Anthracene, 9-methyl-	970	JD			18.19	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1300	JD			18.331	
004505-48-0	1H-Indene, 2-phenyl-	520	JD			18.372	
000612-94-2	Naphthalene, 2-phenyl-	540	JD			18.637	
000084-65-1	9,10-Anthracenedione	620	JD			18.684	
000483-87-4	Phenanthrene, 1,7-dimethyl-	950	JD			19.06	
005737-13-3	Cyclopenta(def)phenanthrenone	700	JD			19.201	
002381-21-7	Pyrene, 1-methyl-	480	JD			20.011	
000243-17-4	11H-Benzo[b]fluorene	520	JD			20.182	
003442-78-2	Pyrene, 2-methyl-	390	JD			20.34	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	410	JD			21.11	
	unknown-01	420	JD			21.204	
000479-79-8	11H-Benzo[a]fluoren-11-one	450	JD			21.263	
	unknown-02	590	JD			23.278	

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:	BH5W6DL	SDG No.:	BG060424
Lab Sample ID:	P2589-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BG061479.D	5	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	670	JD			23.883	
	unknown-03	2400	JD			24.33	
E966796	Total Alkanes	150	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:	BH5W7DL	SDG No.:	BG060424
Lab Sample ID:	P2589-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG061480.D	2	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	61	U	61	14.9	150	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	750	ug/Kg
110-86-1	Pyridine	170	U	170	370	750	ug/Kg
108-95-2	Phenol	68	U	68	190	750	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	66	U	66	190	750	ug/Kg
95-57-8	2-Chlorophenol	63	U	63	96.2	380	ug/Kg
95-48-7	2-Methylphenol	70	U	70	190	750	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	91	U	91	190	750	ug/Kg
98-86-2	Acetophenone	150	U	150	190	750	ug/Kg
106-44-5	4-Methylphenol	120	U	120	190	750	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	180	U	180	96.2	380	ug/Kg
67-72-1	Hexachloroethane	140	U	140	96.2	380	ug/Kg
98-95-3	Nitrobenzene	140	U	140	96.2	380	ug/Kg
78-59-1	Isophorone	150	U	150	96.2	380	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	96.2	380	ug/Kg
105-67-9	2,4-Dimethylphenol	72	U	72	96.2	380	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	100	U	100	96.2	380	ug/Kg
120-83-2	2,4-Dichlorophenol	86	U	86	96.2	380	ug/Kg
91-20-3	Naphthalene	150	JD	54	96.2	380	ug/Kg
106-47-8	4-Chloroaniline	81	U	81	96.2	750	ug/Kg
87-68-3	Hexachlorobutadiene	79	U	79	96.2	380	ug/Kg
105-60-2	Caprolactam	140	U	140	190	750	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93	U	93	96.2	380	ug/Kg
90-12-0	1-Methylnaphthalene	79	JD	54	96.2	380	ug/Kg
91-57-6	2-Methylnaphthalene	110	JD	72	96.2	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	190	750	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	96.2	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75	U	75	96.2	380	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:	BH5W7DL	SDG No.:	BG060424
Lab Sample ID:	P2589-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG061480.D	2	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	96.2	380	ug/Kg
91-58-7	2-Chloronaphthalene	75	U	75	96.2	380	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	96.2	380	ug/Kg
131-11-3	Dimethylphthalate	68	U	68	96.2	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	45	U	45	96.2	380	ug/Kg
208-96-8	Acenaphthylene	130	JD	66	96.2	380	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	190	750	ug/Kg
83-32-9	Acenaphthene	94	JD	59	96.2	380	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	190	750	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	190	750	ug/Kg
132-64-9	Dibenzofuran	150	JD	61	96.2	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	79	U	79	96.2	380	ug/Kg
84-66-2	Diethylphthalate	75	U	75	96.2	380	ug/Kg
86-73-7	Fluorene	120	JD	61	96.2	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	45	U	45	96.2	380	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	190	750	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	190	750	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	96.2	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	77	96.2	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	96.2	380	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	96.2	380	ug/Kg
1912-24-9	Atrazine	63	U	63	190	750	ug/Kg
87-86-5	Pentachlorophenol	200	U	200	190	750	ug/Kg
85-01-8	Phenanthrene	2100	D	61	96.2	380	ug/Kg
608-93-5	Pentachlorobenzene	84	U	84	96.2	380	ug/Kg
120-12-7	Anthracene	330	JD	57	96.2	380	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	96.2	380	ug/Kg
86-74-8	Carbazole	220	JD	77	190	750	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	96.2	380	ug/Kg
206-44-0	Fluoranthene	3800	D	43	190	380	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:	BH5W7DL	SDG No.:	BG060424
Lab Sample ID:	P2589-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG061480.D	2	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3300	D	41	96.2	380	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	96.2	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	190	750	ug/Kg
56-55-3	Benzo(a)anthracene	1900	D	52	96.2	380	ug/Kg
218-01-9	Chrysene	2200	D	54	96.2	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	U	57	96.2	380	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	190	750	ug/Kg
205-99-2	Benzo(b)fluoranthene	2900	D	84	96.2	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000	D	86	96.2	380	ug/Kg
50-32-8	Benzo(a)pyrene	1900	D	70	96.2	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	D	63	96.2	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	370	JD	59	96.2	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	D	72	96.2	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81	U	81	96.2	380	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.124		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	11.596		20-120		29	SPK: -40
4165-62-2	Phenol-d5	22.41		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.414		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.872		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.998		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	29.316		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.682		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.698		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.436		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.62		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	30.582		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.28		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	29.01		20-140		73	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:	BH5W7DL	SDG No.:	BG060424
Lab Sample ID:	P2589-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG061480.D	2	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.028		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	31.504		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	30.924		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.568		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37316	7.874				
1146-65-2	Naphthalene-d8	139697	10.665				
15067-26-2	Acenaphthene-d10	105546	14.507				
1517-22-2	Phenanthrene-d10	240899	17.263				
1719-03-5	Chrysene-d12	263722	21.522				
1520-96-3	Perylene-d12	301935	24.613				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	9400	JD			3.073	
	unknown-01	180	JD			16.24	
000486-25-9	9H-Fluoren-9-one	200	JD			16.916	
000132-65-0	Dibenzothiophene	160	JD			17.081	
000832-69-9	Phenanthrene, 1-methyl-	510	JD			18.138	
002531-84-2	Phenanthrene, 2-methyl-	610	JD			18.185	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	720	JD			18.332	
004505-48-0	1H-Indene, 2-phenyl-	290	JD			18.373	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	300	JD			18.638	
000084-65-1	9,10-Anthracenedione	380	JD			18.685	
003674-66-6	Phenanthrene, 2,5-dimethyl-	530	JD			19.055	
005737-13-3	Cyclopenta(def)phenanthrenone	450	JD			19.202	
002381-21-7	Pyrene, 1-methyl-	240	JD			20.018	
000243-17-4	11H-Benzo[b]fluorene	220	JD			20.177	
003442-78-2	Pyrene, 2-methyl-	190	JD			20.336	
000479-79-8	11H-Benzo[a]fluoren-11-one	200	JD			20.935	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	190	JD			21.111	

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:	BH5W7DL	SDG No.:	BG060424
Lab Sample ID:	P2589-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG061480.D	2	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000195-19-7	Benzo[c]phenanthrene	150	JD			21.152	
000203-12-3	Benzo[ghi]fluoranthene	220	JD			21.199	
000082-05-3	7H-Benz[de]anthracen-7-one	180	JD			21.258	
003351-32-4	2-Methylchrysene	170	JD			22.222	
	unknown-02	420	JD			23.878	
000198-55-0	Perylene	1600	JD			24.331	
E966796	Total Alkanes	59	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH629DL								
P2549-13DL	BH629DL	Solid	1-Amino-4-(phenylthio)isoquinoli *	400.000	JD			
P2549-13DL	BH629DL	Solid	11H-Benzo[a]fluoren-11-one *	180.000	JD			
P2549-13DL	BH629DL	Solid	11H-Benzo[a]fluorene *	180.000	JD			
P2549-13DL	BH629DL	Solid	11H-Benzo[b]fluorene *	170.000	JD			
P2549-13DL	BH629DL	Solid	4H-Cyclopenta[def]phenanthrene *	480.000	JD			
P2549-13DL	BH629DL	Solid	5,16[1,2]:8,13[1,2]-Dibenzen *	210.000	JD			
P2549-13DL	BH629DL	Solid	9,10-Anthracenedione *	220.000	JD			
P2549-13DL	BH629DL	Solid	Benzo[b]naphtho[2,1-d]thiophene *	190.000	JD			
P2549-13DL	BH629DL	Solid	Benzo[e]pyrene *	800.000	JD			
P2549-13DL	BH629DL	Solid	Benzo[j]fluoranthene *	220.000	JD			
P2549-13DL	BH629DL	Solid	Butane, 2-methoxy-2-methyl- *	9,500.000	JD			
P2549-13DL	BH629DL	Solid	Cyclopenta(def)phenanthrenone *	250.000	JD			
P2549-13DL	BH629DL	Solid	Methacrylamide *	180.000	JD			
P2549-13DL	BH629DL	Solid	Phenanthrene, 1-methyl- *	390.000	JD			
P2549-13DL	BH629DL	Solid	Phenanthrene, 2,5-dimethyl- *	320.000	JD			
P2549-13DL	BH629DL	Solid	Phenanthrene, 2-methyl- *	300.000	JD			
P2549-13DL	BH629DL	Solid	unknown-01 *	210.000	JD			
P2549-13DL	BH629DL	Solid	Total Alkanes *	0.000	D	66	430	ug/Kg
Total Tics :				14,200.00				
P2549-13DL	BH629DL	Solid	Acenaphthene	170.000	JD	66	430	ug/Kg
P2549-13DL	BH629DL	Solid	Anthracene	410.000	JD	63	430	ug/Kg
P2549-13DL	BH629DL	Solid	Benzo(a)anthracene	1,400.000	D	58	430	ug/Kg
P2549-13DL	BH629DL	Solid	Benzo(a)pyrene	1,200.000	D	78	430	ug/Kg
P2549-13DL	BH629DL	Solid	Benzo(b)fluoranthene	1,700.000	D	93	430	ug/Kg
P2549-13DL	BH629DL	Solid	Benzo(g,h,i)perylene	790.000	D	81	430	ug/Kg
P2549-13DL	BH629DL	Solid	Benzo(k)fluoranthene	530.000	D	96	430	ug/Kg
P2549-13DL	BH629DL	Solid	Bis(2-ethylhexyl)phthalate	190.000	JD	63	430	ug/Kg
P2549-13DL	BH629DL	Solid	Butylbenzylphthalate	91.000	JD	56	430	ug/Kg
P2549-13DL	BH629DL	Solid	Carbazole	220.000	JD	86	830	ug/Kg
P2549-13DL	BH629DL	Solid	Chrysene	1,400.000	D	61	430	ug/Kg
P2549-13DL	BH629DL	Solid	Dibenzo(a,h)anthracene	210.000	JD	66	430	ug/Kg
P2549-13DL	BH629DL	Solid	Dibenzofuran	100.000	JD	68	430	ug/Kg
P2549-13DL	BH629DL	Solid	Fluoranthene	2,900.000	D	48	430	ug/Kg
P2549-13DL	BH629DL	Solid	Fluorene	140.000	JD	68	430	ug/Kg
P2549-13DL	BH629DL	Solid	Indeno(1,2,3-cd)pyrene	680.000	D	71	430	ug/Kg
P2549-13DL	BH629DL	Solid	Phenanthrene	2,200.000	D	68	430	ug/Kg
P2549-13DL	BH629DL	Solid	Pyrene	2,500.000	D	45	430	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	16,831.00				
			Total Concentration:	31,031.00				
Client ID : BHBW4DL								
P2577-18DL	BHBW4DL	Solid	1,2-Benzenedicarboxylic acid, din *	3,600.000	JD			
P2577-18DL	BHBW4DL	Solid	Benzo[e]pyrene *	870.000	JD			
P2577-18DL	BHBW4DL	Solid	Butane, 2-methoxy-2-methyl-	*	9,700.000	JD		
P2577-18DL	BHBW4DL	Solid	Pyrene, 1-methyl-	*	1,100.000	JD		
P2577-18DL	BHBW4DL	Solid	Total Alkanes *	0.000	D	310	2000	ug/Kg
			Total Tics :	15,270.00				
P2577-18DL	BHBW4DL	Solid	Benzo(a)anthracene	2,500.000	D	270	2000	ug/Kg
P2577-18DL	BHBW4DL	Solid	Benzo(a)pyrene	1,800.000	JD	370	2000	ug/Kg
P2577-18DL	BHBW4DL	Solid	Benzo(b)fluoranthene	3,900.000	D	440	2000	ug/Kg
P2577-18DL	BHBW4DL	Solid	Benzo(k)fluoranthene	1,500.000	JD	450	2000	ug/Kg
P2577-18DL	BHBW4DL	Solid	Bis(2-ethylhexyl)phthalate	68,000.000	ED	300	2000	ug/Kg
P2577-18DL	BHBW4DL	Solid	Butylbenzylphthalate	2,200.000	D	260	2000	ug/Kg
P2577-18DL	BHBW4DL	Solid	Chrysene	3,100.000	D	280	2000	ug/Kg
P2577-18DL	BHBW4DL	Solid	Dibenzo(a,h)anthracene	530.000	JD	310	2000	ug/Kg
P2577-18DL	BHBW4DL	Solid	Fluoranthene	5,300.000	D	220	2000	ug/Kg
P2577-18DL	BHBW4DL	Solid	Indeno(1,2,3-cd)pyrene	1,400.000	JD	330	2000	ug/Kg
P2577-18DL	BHBW4DL	Solid	Phenanthrene	2,200.000	D	320	2000	ug/Kg
P2577-18DL	BHBW4DL	Solid	Pyrene	4,000.000	D	210	2000	ug/Kg
			Total Svoc :	96,430.00				
			Total Concentration:	111,700.00				
Client ID : BH5W5DL								
P2589-04DL	BH5W5DL	Solid	11H-Benzo[a]fluoren-11-one *	520.000	JD			
P2589-04DL	BH5W5DL	Solid	11H-Benzo[b]fluorene *	640.000	JD			
P2589-04DL	BH5W5DL	Solid	1H-Benz[f]indene, 2-phenyl-	*	560.000	JD		
P2589-04DL	BH5W5DL	Solid	4H-Cyclopenta[def]phenanthrene *	2,200.000	JD			
P2589-04DL	BH5W5DL	Solid	5,16[1,2]:8,13[1,2]-Dibenzen *	950.000	JD			
P2589-04DL	BH5W5DL	Solid	7H-Benz[de]anthracen-7-one *	500.000	JD			
P2589-04DL	BH5W5DL	Solid	9,10-Anthracenedione *	1,100.000	JD			
P2589-04DL	BH5W5DL	Solid	Anthracene, 1-methyl-	*	1,500.000	JD		
P2589-04DL	BH5W5DL	Solid	Anthracene, 2-ethyl-	*	670.000	JD		
P2589-04DL	BH5W5DL	Solid	Benzo[b]naphtho[2,1-d]thiophene *	600.000	JD			
P2589-04DL	BH5W5DL	Solid	Benzo[e]pyrene *	1,100.000	JD			
P2589-04DL	BH5W5DL	Solid	Butane, 2-methoxy-2-methyl-	*	10,000.000	JD		
P2589-04DL	BH5W5DL	Solid	Cyclopenta(def)phenanthrenone *	1,300.000	JD			
P2589-04DL	BH5W5DL	Solid	Cyclopenta[cd]pyrene *	550.000	JD			
P2589-04DL	BH5W5DL	Solid	Dibenzothiophene, 4-methyl-	*	390.000	JD		

Hit Summary Sheet SW-846

SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2589-04DL	BH5W5DL	Solid	Methacrylamide	*	440.000	JD		
P2589-04DL	BH5W5DL	Solid	Phenanthrene, 2,5-dimethyl-	*	1,500.000	JD		
P2589-04DL	BH5W5DL	Solid	Phenanthrene, 2-methyl-	*	1,700.000	JD		
P2589-04DL	BH5W5DL	Solid	Phenanthrene, 4-methyl-	*	900.000	JD		
P2589-04DL	BH5W5DL	Solid	Plumbane, trimethyl[(methylsulfir	*	770.000	JD		
P2589-04DL	BH5W5DL	Solid	Pyrene, 1-methyl-	*	620.000	JD		
P2589-04DL	BH5W5DL	Solid	Pyrene, 2-methyl-	*	480.000	JD		
P2589-04DL	BH5W5DL	Solid	unknown-01	*	410.000	JD		
P2589-04DL	BH5W5DL	Solid	unknown-02	*	3,800.000	JD		
P2589-04DL	BH5W5DL	Solid	unknown-03	*	1,900.000	JD		
P2589-04DL	BH5W5DL	Solid	Total Alkanes	*	0.000	D 150	980	ug/Kg
Total Tics :					35,100.00			
P2589-04DL	BH5W5DL	Solid	Acenaphthylene		290.000	JD 170	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Anthracene		700.000	JD 140	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Benzo(a)anthracene		6,100.000	D 130	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Benzo(a)pyrene		6,300.000	D 180	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Benzo(b)fluoranthene		8,300.000	D 210	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Benzo(g,h,i)perylene		3,500.000	D 180	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Benzo(k)fluoranthene		3,000.000	D 220	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Carbazole		540.000	JD 200	1900	ug/Kg
P2589-04DL	BH5W5DL	Solid	Chrysene		6,600.000	D 140	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Dibenzo(a,h)anthracene		1,100.000	D 150	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Fluoranthene		12,000.000	D 110	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Fluorene		280.000	JD 160	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Indeno(1,2,3-cd)pyrene		3,600.000	D 160	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Phenanthrene		5,800.000	D 160	980	ug/Kg
P2589-04DL	BH5W5DL	Solid	Pyrene		10,000.000	D 100	980	ug/Kg
Total Svoc :					68,110.00			
Total Concentration:					103,210.00			
Client ID : BH5W6DL								
P2589-07DL	BH5W6DL	Solid	11H-Benzo[a]fluoren-11-one	*	450.000	JD		
P2589-07DL	BH5W6DL	Solid	11H-Benzo[b]fluorene	*	520.000	JD		
P2589-07DL	BH5W6DL	Solid	1H-Indene, 2-phenyl-	*	520.000	JD		
P2589-07DL	BH5W6DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,300.000	JD		
P2589-07DL	BH5W6DL	Solid	9,10-Anthracenedione	*	620.000	JD		
P2589-07DL	BH5W6DL	Solid	Anthracene, 9-methyl-	*	970.000	JD		
P2589-07DL	BH5W6DL	Solid	Benzo[b]naphtho[2,3-d]thiophene	*	410.000	JD		
P2589-07DL	BH5W6DL	Solid	Benzo[e]pyrene	*	670.000	JD		
P2589-07DL	BH5W6DL	Solid	Butane, 2-methoxy-2-methyl-	*	9,000.000	JD		
P2589-07DL	BH5W6DL	Solid	Cyclopenta(def)phenanthrenone	*	700.000	JD		

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2589-07DL	BH5W6DL	Solid	Methacrylamide	*	540.000	JD		
P2589-07DL	BH5W6DL	Solid	Naphthalene, 2-phenyl-	*	540.000	JD		
P2589-07DL	BH5W6DL	Solid	Phenanthrene, 1,7-dimethyl-	*	950.000	JD		
P2589-07DL	BH5W6DL	Solid	Phenanthrene, 1-methyl-	*	760.000	JD		
P2589-07DL	BH5W6DL	Solid	Pyrene, 1-methyl-	*	480.000	JD		
P2589-07DL	BH5W6DL	Solid	Pyrene, 2-methyl-	*	390.000	JD		
P2589-07DL	BH5W6DL	Solid	unknown-01	*	420.000	JD		
P2589-07DL	BH5W6DL	Solid	unknown-02	*	590.000	JD		
P2589-07DL	BH5W6DL	Solid	unknown-03	*	2,400.000	JD		
P2589-07DL	BH5W6DL	Solid	Total Alkanes	*	0.000	D 150	970	ug/Kg
Total Tics :				22,230.00				
P2589-07DL	BH5W6DL	Solid	Anthracene		390.000	JD 140	970	ug/Kg
P2589-07DL	BH5W6DL	Solid	Benzo(a)anthracene		3,700.000	D 130	970	ug/Kg
P2589-07DL	BH5W6DL	Solid	Benzo(a)pyrene		3,700.000	D 180	970	ug/Kg
P2589-07DL	BH5W6DL	Solid	Benzo(b)fluoranthene		5,000.000	D 210	970	ug/Kg
P2589-07DL	BH5W6DL	Solid	Benzo(g,h,i)perylene		2,100.000	D 180	970	ug/Kg
P2589-07DL	BH5W6DL	Solid	Benzo(k)fluoranthene		1,700.000	D 220	970	ug/Kg
P2589-07DL	BH5W6DL	Solid	Carbazole		270.000	JD 190	1900	ug/Kg
P2589-07DL	BH5W6DL	Solid	Chrysene		4,000.000	D 140	970	ug/Kg
P2589-07DL	BH5W6DL	Solid	Dibenzo(a,h)anthracene		620.000	JD 150	970	ug/Kg
P2589-07DL	BH5W6DL	Solid	Fluoranthene		6,800.000	D 110	970	ug/Kg
P2589-07DL	BH5W6DL	Solid	Indeno(1,2,3-cd)pyrene		2,100.000	D 160	970	ug/Kg
P2589-07DL	BH5W6DL	Solid	Phenanthrene		3,300.000	D 150	970	ug/Kg
P2589-07DL	BH5W6DL	Solid	Pyrene		6,000.000	D 100	970	ug/Kg
Total Svoc :				39,680.00				
Total Concentration:				61,910.00				
Client ID : BH5W7DL								
P2589-08DL	BH5W7DL	Solid	11H-Benzo[a]fluoren-11-one	*	200.000	JD		
P2589-08DL	BH5W7DL	Solid	11H-Benzo[b]fluorene	*	220.000	JD		
P2589-08DL	BH5W7DL	Solid	1H-Indene, 2-phenyl-	*	290.000	JD		
P2589-08DL	BH5W7DL	Solid	2-Methylchrysene	*	170.000	JD		
P2589-08DL	BH5W7DL	Solid	7H-Benz[de]anthracen-7-one	*	180.000	JD		
P2589-08DL	BH5W7DL	Solid	9,10-Anthracenedione	*	380.000	JD		
P2589-08DL	BH5W7DL	Solid	9H-Fluoren-9-one	*	200.000	JD		
P2589-08DL	BH5W7DL	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	720.000	JD		
P2589-08DL	BH5W7DL	Solid	Benzo[b]naphtho[2,3-d]thiophene	*	190.000	JD		
P2589-08DL	BH5W7DL	Solid	Benzo[c]phenanthrene	*	150.000	JD		
P2589-08DL	BH5W7DL	Solid	Benzo[ghi]fluoranthene	*	220.000	JD		
P2589-08DL	BH5W7DL	Solid	Butane, 2-methoxy-2-methyl-	*	9,400.000	JD		
P2589-08DL	BH5W7DL	Solid	Cyclopenta(def)phenanthrenone	*	450.000	JD		

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2589-08DL	BH5W7DL	Solid	Dibenzothiophene	*	160.000	JD		
P2589-08DL	BH5W7DL	Solid	Perylene	*	1,600.000	JD		
P2589-08DL	BH5W7DL	Solid	Phenanthrene, 1-methyl-	*	510.000	JD		
P2589-08DL	BH5W7DL	Solid	Phenanthrene, 2,5-dimethyl-	*	530.000	JD		
P2589-08DL	BH5W7DL	Solid	Phenanthrene, 2-methyl-	*	610.000	JD		
P2589-08DL	BH5W7DL	Solid	Pyrene, 1-methyl-	*	240.000	JD		
P2589-08DL	BH5W7DL	Solid	Pyrene, 2-methyl-	*	190.000	JD		
P2589-08DL	BH5W7DL	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6-triene	*	300.000	JD		
P2589-08DL	BH5W7DL	Solid	unknown-01	*	180.000	JD		
P2589-08DL	BH5W7DL	Solid	unknown-02	*	420.000	JD		
P2589-08DL	BH5W7DL	Solid	Total Alkanes	*	0.000	D 59	380	ug/Kg
Total Tics :					17,510.00			
P2589-08DL	BH5W7DL	Solid	1-Methylnaphthalene		79.000	JD 54	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	2-Methylnaphthalene		110.000	JD 72	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Acenaphthene		94.000	JD 59	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Acenaphthylene		130.000	JD 66	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Anthracene		330.000	JD 57	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Benzo(a)anthracene		1,900.000	D 52	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Benzo(a)pyrene		1,900.000	D 70	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Benzo(b)fluoranthene		2,900.000	D 84	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Benzo(g,h,i)perylene		1,200.000	D 72	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Benzo(k)fluoranthene		1,000.000	D 86	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Carbazole		220.000	JD 77	750	ug/Kg
P2589-08DL	BH5W7DL	Solid	Chrysene		2,200.000	D 54	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Dibenzo(a,h)anthracene		370.000	JD 59	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Dibenzofuran		150.000	JD 61	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Fluoranthene		3,800.000	D 43	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Fluorene		120.000	JD 61	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Indeno(1,2,3-cd)pyrene		1,100.000	D 63	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Naphthalene		150.000	JD 54	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Phenanthrene		2,100.000	D 61	380	ug/Kg
P2589-08DL	BH5W7DL	Solid	Pyrene		3,300.000	D 41	380	ug/Kg
Total Svoc :					23,153.00			
Total Concentration:					40,663.00			

Client ID : BHBL3

P2590-07	BHBL3	Solid	(DEL) Alkane: Cyclic21.181	*	150.000	J		
P2590-07	BHBL3	Solid	(DEL) Alkane: Straight-Chain22.5	*	89.000	J		
P2590-07	BHBL3	Solid	(DEL) Alkane: Straight-Chain25.6	*	260.000	J		
P2590-07	BHBL3	Solid	11H-Benzo[a]fluoren-11-one	*	81.000	J		
P2590-07	BHBL3	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J		

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-07	BHBL3	Solid	9,10-Dimethylanthracene	*	110.000	J		
P2590-07	BHBL3	Solid	Anthracene, 9-methyl-	*	100.000	J		
P2590-07	BHBL3	Solid	Benz[a]anthracene, 5-methyl-	*	89.000	J		
P2590-07	BHBL3	Solid	Benzo[e]pyrene	*	190.000	J		
P2590-07	BHBL3	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P2590-07	BHBL3	Solid	Cyclopenta(def)phenanthrene	*	90.000	J		
P2590-07	BHBL3	Solid	Total Alkanes	*	500.000	31	200	ug/Kg
Total Tics :					3,379.00			
P2590-07	BHBL3	Solid	Benzo(a)anthracene		310.000	28	200	ug/Kg
P2590-07	BHBL3	Solid	Benzo(a)pyrene		350.000	37	200	ug/Kg
P2590-07	BHBL3	Solid	Benzo(b)fluoranthene		490.000	44	200	ug/Kg
P2590-07	BHBL3	Solid	Benzo(g,h,i)perylene		270.000	38	200	ug/Kg
P2590-07	BHBL3	Solid	Benzo(k)fluoranthene		150.000	J 46	200	ug/Kg
P2590-07	BHBL3	Solid	Bis(2-ethylhexyl)phthalate		49.000	J 30	200	ug/Kg
P2590-07	BHBL3	Solid	Chrysene		390.000	29	200	ug/Kg
P2590-07	BHBL3	Solid	Dibenzo(a,h)anthracene		69.000	J 31	200	ug/Kg
P2590-07	BHBL3	Solid	Fluoranthene		660.000	23	200	ug/Kg
P2590-07	BHBL3	Solid	Indeno(1,2,3-cd)pyrene		210.000	34	200	ug/Kg
P2590-07	BHBL3	Solid	Phenanthrene		320.000	32	200	ug/Kg
P2590-07	BHBL3	Solid	Pyrene		630.000	22	200	ug/Kg
Total Svoc :					3,898.00			
Total Concentration:					7,277.00			
Client ID : BHBL5								
P2590-09	BHBL5	Solid	11H-Benzo[b]fluorene	*	99.000	J		
P2590-09	BHBL5	Solid	4H-Cyclopenta[def]phenanthrene	*	200.000	J		
P2590-09	BHBL5	Solid	7-Nonenamide	*	120.000	J		
P2590-09	BHBL5	Solid	9,10-Anthracenedione	*	100.000	J		
P2590-09	BHBL5	Solid	Anthracene, 2-methyl-	*	200.000	J		
P2590-09	BHBL5	Solid	Anthracene, 9-methyl-	*	140.000	J		
P2590-09	BHBL5	Solid	Benz[a]anthracene, 7-methyl-	*	84.000	J		
P2590-09	BHBL5	Solid	Benzo[e]pyrene	*	250.000	J		
P2590-09	BHBL5	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P2590-09	BHBL5	Solid	Cyclopenta(def)phenanthrene	*	120.000	J		
P2590-09	BHBL5	Solid	di-p-Tolylacetylene	*	180.000	J		
P2590-09	BHBL5	Solid	Naphthalene, 2-phenyl-	*	99.000	J		
P2590-09	BHBL5	Solid	Tetratriacontyl trifluoroacetate	*	170.000	J		
P2590-09	BHBL5	Solid	Total Alkanes	*	0.000	31	210	ug/Kg
Total Tics :					3,562.00			
P2590-09	BHBL5	Solid	Anthracene		56.000	J 30	210	ug/Kg
P2590-09	BHBL5	Solid	Benzo(a)anthracene		440.000	28	210	ug/Kg

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-09	BHBL5	Solid	Benzo(a)pyrene	470.000		38	210	ug/Kg
P2590-09	BHBL5	Solid	Benzo(b)fluoranthene	610.000		45	210	ug/Kg
P2590-09	BHBL5	Solid	Benzo(g,h,i)perylene	330.000		39	210	ug/Kg
P2590-09	BHBL5	Solid	Benzo(k)fluoranthene	240.000		46	210	ug/Kg
P2590-09	BHBL5	Solid	Carbazole	64.000	J	41	400	ug/Kg
P2590-09	BHBL5	Solid	Chrysene	500.000		29	210	ug/Kg
P2590-09	BHBL5	Solid	Dibenzo(a,h)anthracene	91.000	J	31	210	ug/Kg
P2590-09	BHBL5	Solid	Fluoranthene	940.000		23	210	ug/Kg
P2590-09	BHBL5	Solid	Indeno(1,2,3-cd)pyrene	280.000		34	210	ug/Kg
P2590-09	BHBL5	Solid	Phenanthrene	530.000		33	210	ug/Kg
P2590-09	BHBL5	Solid	Pyrene	800.000		22	210	ug/Kg
Total Svoc :				5,351.00				
Total Concentration:				8,913.00				
Client ID : BHBL6								
P2590-10	BHBL6	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P2590-10	BHBL6	Solid	11H-Benzo[a]fluoren-11-one	*	84.000	J		
P2590-10	BHBL6	Solid	11H-Benzo[b]fluorene	*	190.000	J		
P2590-10	BHBL6	Solid	2-Methyldibenzothiophene	*	85.000	J		
P2590-10	BHBL6	Solid	4-Bromothiophene-2-aldehyde	*	350.000	J		
P2590-10	BHBL6	Solid	9,10-Anthracenedione	*	170.000	J		
P2590-10	BHBL6	Solid	9,10-Dimethylantracene	*	250.000	J		
P2590-10	BHBL6	Solid	Anthracene, 9-methyl-	*	170.000	J		
P2590-10	BHBL6	Solid	Benz[a]anthracene, 7-methyl-	*	88.000	J		
P2590-10	BHBL6	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	93.000	J		
P2590-10	BHBL6	Solid	Benzo[e]pyrene	*	330.000	J		
P2590-10	BHBL6	Solid	Butane, 2-methoxy-2-methyl-	*	7,400.000	J		
P2590-10	BHBL6	Solid	Dibenzothiophene	*	94.000	J		
P2590-10	BHBL6	Solid	Naphthalene, 2-phenyl-	*	150.000	J		
P2590-10	BHBL6	Solid	Phenanthrene, 1,7-dimethyl-	*	110.000	J		
P2590-10	BHBL6	Solid	Phenanthrene, 1-methyl-	*	270.000	J		
P2590-10	BHBL6	Solid	Phenanthrene, 2-methyl-	*	310.000	J		
P2590-10	BHBL6	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2590-10	BHBL6	Solid	Pyrene, 2-methyl-	*	89.000	J		
P2590-10	BHBL6	Solid	unknown-01	*	110.000	J		
P2590-10	BHBL6	Solid	unknown-02	*	250.000	J		
P2590-10	BHBL6	Solid	unknown-03	*	140.000	J		
P2590-10	BHBL6	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :				10,973.00				
P2590-10	BHBL6	Solid	1-Methylnaphthalene		49.000	J 29	210	ug/Kg
P2590-10	BHBL6	Solid	2-Methylnaphthalene		60.000	J 39	210	ug/Kg

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-10	BHBL6	Solid	Acenaphthene	75.000	J	32	210	ug/Kg
P2590-10	BHBL6	Solid	Anthracene	120.000	J	31	210	ug/Kg
P2590-10	BHBL6	Solid	Benzo(a)anthracene	490.000		28	210	ug/Kg
P2590-10	BHBL6	Solid	Benzo(a)pyrene	500.000		38	210	ug/Kg
P2590-10	BHBL6	Solid	Benzo(b)fluoranthene	650.000		45	210	ug/Kg
P2590-10	BHBL6	Solid	Benzo(g,h,i)perylene	300.000		39	210	ug/Kg
P2590-10	BHBL6	Solid	Benzo(k)fluoranthene	210.000		47	210	ug/Kg
P2590-10	BHBL6	Solid	Carbazole	62.000	J	42	400	ug/Kg
P2590-10	BHBL6	Solid	Chrysene	610.000		29	210	ug/Kg
P2590-10	BHBL6	Solid	Dibenzo(a,h)anthracene	87.000	J	32	210	ug/Kg
P2590-10	BHBL6	Solid	Fluoranthene	1,100.000		23	210	ug/Kg
P2590-10	BHBL6	Solid	Fluorene	62.000	J	33	210	ug/Kg
P2590-10	BHBL6	Solid	Indeno(1,2,3-cd)pyrene	260.000		34	210	ug/Kg
P2590-10	BHBL6	Solid	Naphthalene	42.000	J	29	210	ug/Kg
P2590-10	BHBL6	Solid	Phenanthrene	940.000		33	210	ug/Kg
P2590-10	BHBL6	Solid	Pyrene	1,100.000		22	210	ug/Kg
Total Svoc :				6,717.00				
Total Concentration:				17,690.00				

Client ID : BHBL7

P2590-11	BHBL7	Solid	(DEL) Alkane: Straight-Chain22.5 *	100.000	J			
P2590-11	BHBL7	Solid	1(2H)-Acenaphthyleneone *	150.000	J			
P2590-11	BHBL7	Solid	1-Phenoxypropan-2-ol *	230.000	J			
P2590-11	BHBL7	Solid	1H-Cyclopropa[1]phenanthrene,1a *	290.000	J			
P2590-11	BHBL7	Solid	2-[2-Phenylethenyl]phenol *	170.000	J			
P2590-11	BHBL7	Solid	3-Methyl-[1,1-biphenyl]-4-carbal *	210.000	J			
P2590-11	BHBL7	Solid	4H-Cyclopenta[def]phenanthrene *	1,100.000	J			
P2590-11	BHBL7	Solid	5,16[1,2]:8,13[1,2]-Dibenzen *	460.000	J			
P2590-11	BHBL7	Solid	9,10-Anthracenedione *	410.000	J			
P2590-11	BHBL7	Solid	9,10-Dimethylanthracene *	590.000	J			
P2590-11	BHBL7	Solid	9H-Fluoren-3-ol *	210.000	J			
P2590-11	BHBL7	Solid	9H-Fluoren-9-one *	270.000	J			
P2590-11	BHBL7	Solid	9H-Fluorene, 1-methyl- *	230.000	J			
P2590-11	BHBL7	Solid	Benzo[e]pyrene *	950.000	J			
P2590-11	BHBL7	Solid	Butane, 2-methoxy-2-methyl- *	9,500.000	J			
P2590-11	BHBL7	Solid	Cyclopenta(def)phenanthrenone *	460.000	J			
P2590-11	BHBL7	Solid	di-p-Tolylacetylene *	150.000	J			
P2590-11	BHBL7	Solid	Dibenzofuran, 4-methyl- *	210.000	J			
P2590-11	BHBL7	Solid	Dibenzothiophene *	270.000	J			
P2590-11	BHBL7	Solid	Dibenzothiophene, 3-methyl- *	200.000	J			
P2590-11	BHBL7	Solid	Naphthalene, 1,4-dimethyl- *	180.000	J			

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-11	BHBL7	Solid	Perylene	*	520.000	J		
P2590-11	BHBL7	Solid	Phenanthrene, 1-methyl-	*	960.000	J		
P2590-11	BHBL7	Solid	Phenanthrene, 2-methyl-	*	790.000	J		
P2590-11	BHBL7	Solid	Phenanthrene, 3,6-dimethyl-	*	200.000	J		
P2590-11	BHBL7	Solid	Phenanthrene, 4,5-dimethyl-	*	200.000	J		
P2590-11	BHBL7	Solid	Phenanthrene, 4-methyl-	*	440.000	J		
P2590-11	BHBL7	Solid	Pyrene, 1-methyl-	*	170.000	J		
P2590-11	BHBL7	Solid	Triphenylene, 2-methyl-	*	130.000	J		
P2590-11	BHBL7	Solid	unknown-01	*	200.000	J		
P2590-11	BHBL7	Solid	unknown-02	*	290.000	J		
P2590-11	BHBL7	Solid	Total Alkanes	*	100.000		32	210 ug/Kg
Total Tics :				20,340.00				
P2590-11	BHBL7	Solid	1,1-Biphenyl		61.000	J	32	210 ug/Kg
P2590-11	BHBL7	Solid	1-Methylnaphthalene		170.000	J	29	210 ug/Kg
P2590-11	BHBL7	Solid	2-Methylnaphthalene		210.000		39	210 ug/Kg
P2590-11	BHBL7	Solid	Acenaphthene		360.000		32	210 ug/Kg
P2590-11	BHBL7	Solid	Acenaphthylene		65.000	J	36	210 ug/Kg
P2590-11	BHBL7	Solid	Anthracene		940.000		31	210 ug/Kg
P2590-11	BHBL7	Solid	Benzo(a)anthracene		2,000.000		28	210 ug/Kg
P2590-11	BHBL7	Solid	Benzo(a)pyrene		1,700.000		38	210 ug/Kg
P2590-11	BHBL7	Solid	Benzo(b)fluoranthene		2,200.000		45	210 ug/Kg
P2590-11	BHBL7	Solid	Benzo(g,h,i)perylene		960.000		39	210 ug/Kg
P2590-11	BHBL7	Solid	Benzo(k)fluoranthene		750.000		47	210 ug/Kg
P2590-11	BHBL7	Solid	Carbazole		370.000	J	42	410 ug/Kg
P2590-11	BHBL7	Solid	Chrysene		2,000.000		29	210 ug/Kg
P2590-11	BHBL7	Solid	Dibenzo(a,h)anthracene		300.000		32	210 ug/Kg
P2590-11	BHBL7	Solid	Dibenzofuran		330.000		33	210 ug/Kg
P2590-11	BHBL7	Solid	Fluoranthene		4,400.000	E	23	210 ug/Kg
P2590-11	BHBL7	Solid	Fluorene		440.000		33	210 ug/Kg
P2590-11	BHBL7	Solid	Indeno(1,2,3-cd)pyrene		930.000		34	210 ug/Kg
P2590-11	BHBL7	Solid	Naphthalene		210.000		29	210 ug/Kg
P2590-11	BHBL7	Solid	Phenanthrene		4,400.000	E	33	210 ug/Kg
P2590-11	BHBL7	Solid	Pyrene		3,800.000	E	22	210 ug/Kg
Total Svoc :				26,596.00				
Total Concentration:				46,936.00				

Client ID : BHBL7DL

P2590-11DL	BHBL7DL	Solid	1H-Indene, 2-phenyl-	*	1,100.000	JD		
P2590-11DL	BHBL7DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,400.000	JD		
P2590-11DL	BHBL7DL	Solid	9,10-Anthracenedione	*	520.000	JD		
P2590-11DL	BHBL7DL	Solid	Benz[a]anthracene, 2-methyl-	*	420.000	JD		

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-11DL	BHBL7DL	Solid	Benzo[e]pyrene	*	1,300.000	JD		
P2590-11DL	BHBL7DL	Solid	Benzo[j]fluoranthene	*	440.000	JD		
P2590-11DL	BHBL7DL	Solid	Butane, 2-methoxy-2-methyl-	*	13,000.000	JD		
P2590-11DL	BHBL7DL	Solid	Cyclopenta(def)phenanthrenone	*	560.000	JD		
P2590-11DL	BHBL7DL	Solid	di-p-Tolylacetylene	*	790.000	JD		
P2590-11DL	BHBL7DL	Solid	Naphthalene, 2-phenyl-	*	590.000	JD		
P2590-11DL	BHBL7DL	Solid	Phenanthrene, 1-methyl-	*	870.000	JD		
P2590-11DL	BHBL7DL	Solid	Phenanthrene, 4-methyl-	*	480.000	JD		
P2590-11DL	BHBL7DL	Solid	Pyrene, 1-methyl-	*	470.000	JD		
P2590-11DL	BHBL7DL	Solid	Total Alkanes	*	0.000	D 160	1000	ug/Kg
Total Tics :				21,940.00				
P2590-11DL	BHBL7DL	Solid	2-Methylnaphthalene		260.000	JD 200	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Acenaphthene		460.000	JD 160	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Anthracene		1,200.000	D 150	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Benzo(a)anthracene		2,600.000	D 140	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Benzo(a)pyrene		2,200.000	D 190	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Benzo(b)fluoranthene		2,900.000	D 230	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Benzo(g,h,i)perylene		1,200.000	D 200	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Benzo(k)fluoranthene		830.000	JD 230	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Carbazole		460.000	JD 210	2000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Chrysene		2,500.000	D 150	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Dibenzo(a,h)anthracene		380.000	JD 160	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Dibenzofuran		440.000	JD 170	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Fluoranthene		5,800.000	D 120	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Fluorene		580.000	JD 170	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Indeno(1,2,3-cd)pyrene		1,100.000	D 170	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Naphthalene		250.000	JD 150	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Phenanthrene		5,900.000	D 170	1000	ug/Kg
P2590-11DL	BHBL7DL	Solid	Pyrene		4,900.000	D 110	1000	ug/Kg
Total Svoc :				33,960.00				
Total Concentration:				55,900.00				

Client ID : BHBL8

P2590-12	BHBL8	Solid	(DEL) Alkane: Straight-Chain21.1	*	170.000	J		
P2590-12	BHBL8	Solid	(DEL) Alkane: Straight-Chain25.6	*	550.000	J		
P2590-12	BHBL8	Solid	(DEL) Alkane: Straight-Chain28.5	*	320.000	J		
P2590-12	BHBL8	Solid	(S)-(+)-1,2-Propanediol	*	230.000	J		
P2590-12	BHBL8	Solid	1-Phenoxypropan-2-ol	*	260.000	J		
P2590-12	BHBL8	Solid	11H-Benzo[a]fluorene	*	94.000	J		
P2590-12	BHBL8	Solid	16-Heptadecenal	*	240.000	J		
P2590-12	BHBL8	Solid	1H-Indene, 2-phenyl-	*	140.000	J		

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-12	BHBL8	Solid	5-Bromo-2-thiophenecarboxaldeh	*	150.000	J		
P2590-12	BHBL8	Solid	9,10-Anthracenedione	*	89.000	J		
P2590-12	BHBL8	Solid	9H-Fluorene, 9-phenyl-	*	110.000	J		
P2590-12	BHBL8	Solid	Benzo[e]pyrene	*	270.000	J		
P2590-12	BHBL8	Solid	Butane, 2-methoxy-2-methyl-	*	7,700.000	J		
P2590-12	BHBL8	Solid	di-p-Tolylacetylene	*	110.000	J		
P2590-12	BHBL8	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	210.000	J		
P2590-12	BHBL8	Solid	Ethanol, 2-butoxy-, phosphate (3:	*	130.000	J		
P2590-12	BHBL8	Solid	Naphthalene, 2-phenyl-	*	82.000	J		
P2590-12	BHBL8	Solid	Octanamide	*	120.000	J		
P2590-12	BHBL8	Solid	Phenanthrene, 1-methyl-	*	83.000	J		
P2590-12	BHBL8	Solid	Tridecanoic acid	*	85.000	J		
P2590-12	BHBL8	Solid	unknown-01	*	94.000	J		
P2590-12	BHBL8	Solid	unknown-02	*	240.000	J		
P2590-12	BHBL8	Solid	unknown-03	*	97.000	J		
P2590-12	BHBL8	Solid	Total Alkanes	*	1,000.000	31	200	ug/Kg
Total Tics :					12,574.00			
P2590-12	BHBL8	Solid	Anthracene		42.000	J	30	200 ug/Kg
P2590-12	BHBL8	Solid	Benzo(a)anthracene		390.000		27	200 ug/Kg
P2590-12	BHBL8	Solid	Benzo(a)pyrene		430.000		37	200 ug/Kg
P2590-12	BHBL8	Solid	Benzo(b)fluoranthene		590.000		44	200 ug/Kg
P2590-12	BHBL8	Solid	Benzo(g,h,i)perylene		290.000		38	200 ug/Kg
P2590-12	BHBL8	Solid	Benzo(k)fluoranthene		190.000	J	45	200 ug/Kg
P2590-12	BHBL8	Solid	Bis(2-ethylhexyl)phthalate		86.000	J	30	200 ug/Kg
P2590-12	BHBL8	Solid	Chrysene		470.000		29	200 ug/Kg
P2590-12	BHBL8	Solid	Dibenzo(a,h)anthracene		79.000	J	31	200 ug/Kg
P2590-12	BHBL8	Solid	Fluoranthene		800.000		23	200 ug/Kg
P2590-12	BHBL8	Solid	Indeno(1,2,3-cd)pyrene		260.000		33	200 ug/Kg
P2590-12	BHBL8	Solid	Phenanthrene		370.000		32	200 ug/Kg
P2590-12	BHBL8	Solid	Pyrene		730.000		21	200 ug/Kg
Total Svoc :					4,727.00			
Total Concentration:					17,301.00			
Client ID : BHBL9								
P2590-13	BHBL9	Solid	(DEL) Alkane: Cyclic21.183	*	130.000	J		
P2590-13	BHBL9	Solid	1-Phenoxypropan-2-ol	*	250.000	J		
P2590-13	BHBL9	Solid	4-Bromothiophene-2-aldehyde	*	110.000	J		
P2590-13	BHBL9	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2590-13	BHBL9	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	180.000	J		
P2590-13	BHBL9	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	130.000	J		
P2590-13	BHBL9	Solid	Phenanthrene, 3-methyl-	*	96.000	J		

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-13	BHBL9	Solid	unknown-01	*	210.000	J		
P2590-13	BHBL9	Solid	Total Alkanes	*	130.000	30	190	ug/Kg
Total Tics :				2,436.00				
P2590-13	BHBL9	Solid	Benzo(a)anthracene		270.000	26	190	ug/Kg
P2590-13	BHBL9	Solid	Benzo(a)pyrene		300.000	35	190	ug/Kg
P2590-13	BHBL9	Solid	Benzo(b)fluoranthene		400.000	42	190	ug/Kg
P2590-13	BHBL9	Solid	Benzo(g,h,i)perylene		220.000	37	190	ug/Kg
P2590-13	BHBL9	Solid	Benzo(k)fluoranthene		140.000	J 43	190	ug/Kg
P2590-13	BHBL9	Solid	Chrysene		320.000	27	190	ug/Kg
P2590-13	BHBL9	Solid	Dibenzo(a,h)anthracene		58.000	J 30	190	ug/Kg
P2590-13	BHBL9	Solid	Fluoranthene		560.000	22	190	ug/Kg
P2590-13	BHBL9	Solid	Indeno(1,2,3-cd)pyrene		180.000	J 32	190	ug/Kg
P2590-13	BHBL9	Solid	Phenanthrene		280.000	31	190	ug/Kg
P2590-13	BHBL9	Solid	Pyrene		500.000	21	190	ug/Kg
Total Svoc :				3,228.00				
Total Concentration:				5,664.00				
Client ID : BHBM0								
P2590-14	BHBM0	Solid	11H-Benzo[b]fluorene	*	110.000	J		
P2590-14	BHBM0	Solid	1H-Indene, 2-phenyl-	*	90.000	J		
P2590-14	BHBM0	Solid	3-Methyl-1-phenyl-1H-indene	*	120.000	J		
P2590-14	BHBM0	Solid	4H-Cyclopenta[def]phenanthrene	*	210.000	J		
P2590-14	BHBM0	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	100.000	J		
P2590-14	BHBM0	Solid	9,10-Anthracenedione	*	120.000	J		
P2590-14	BHBM0	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J		
P2590-14	BHBM0	Solid	Cyclopenta(def)phenanthrenone	*	150.000	J		
P2590-14	BHBM0	Solid	Phenanthrene, 1-methyl-	*	180.000	J		
P2590-14	BHBM0	Solid	Phenanthrene, 2-methyl-	*	210.000	J		
P2590-14	BHBM0	Solid	Pyrene, 1-methyl-	*	88.000	J		
P2590-14	BHBM0	Solid	unknown-01	*	200.000	J		
P2590-14	BHBM0	Solid	unknown-02	*	120.000	J		
P2590-14	BHBM0	Solid	unknown-03	*	240.000	J		
P2590-14	BHBM0	Solid	Total Alkanes	*	0.000	31	210	ug/Kg
Total Tics :				12,938.00				
P2590-14	BHBM0	Solid	Anthracene		100.000	J 30	210	ug/Kg
P2590-14	BHBM0	Solid	Benzo(a)anthracene		510.000	28	210	ug/Kg
P2590-14	BHBM0	Solid	Benzo(a)pyrene		490.000	38	210	ug/Kg
P2590-14	BHBM0	Solid	Benzo(b)fluoranthene		660.000	45	210	ug/Kg
P2590-14	BHBM0	Solid	Benzo(g,h,i)perylene		300.000	39	210	ug/Kg
P2590-14	BHBM0	Solid	Benzo(k)fluoranthene		210.000	46	210	ug/Kg
P2590-14	BHBM0	Solid	Carbazole		69.000	J 41	400	ug/Kg

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-14	BHBM0	Solid	Chrysene	530.000		29	210	ug/Kg
P2590-14	BHBM0	Solid	Dibenzo(a,h)anthracene	83.000	J	31	210	ug/Kg
P2590-14	BHBM0	Solid	Fluoranthene	1,000.000		23	210	ug/Kg
P2590-14	BHBM0	Solid	Fluorene	51.000	J	33	210	ug/Kg
P2590-14	BHBM0	Solid	Indeno(1,2,3-cd)pyrene	260.000		34	210	ug/Kg
P2590-14	BHBM0	Solid	Phenanthrene	660.000		33	210	ug/Kg
P2590-14	BHBM0	Solid	Phenol	45.000	J	36	400	ug/Kg
P2590-14	BHBM0	Solid	Pyrene	900.000		22	210	ug/Kg
Total Svoc :				5,868.00				
Total Concentration:				18,806.00				
Client ID : BHBM1								
P2590-17	BHBM1	Solid	11H-Benzo[b]fluorene	*	130.000	J		
P2590-17	BHBM1	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	270.000	J		
P2590-17	BHBM1	Solid	4H-Cyclopenta[def]phenanthrene	*	340.000	J		
P2590-17	BHBM1	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	150.000	J		
P2590-17	BHBM1	Solid	9,10-Anthracenedione	*	160.000	J		
P2590-17	BHBM1	Solid	Anthracene, 2-methyl-	*	82.000	J		
P2590-17	BHBM1	Solid	Benzene, 1,1-(1,2-propadienylidene)	*	130.000	J		
P2590-17	BHBM1	Solid	Butane, 2-methoxy-2-methyl-	*	8,000.000	J		
P2590-17	BHBM1	Solid	Cyclopenta(def)phenanthrenone	*	180.000	J		
P2590-17	BHBM1	Solid	Methacrylamide	*	120.000	J		
P2590-17	BHBM1	Solid	Phenanthrene, 1-methyl-	*	290.000	J		
P2590-17	BHBM1	Solid	Phenanthrene, 3,6-dimethyl-	*	150.000	J		
P2590-17	BHBM1	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :				10,002.00				
P2590-17	BHBM1	Solid	Acenaphthene		87.000	J	32	210 ug/Kg
P2590-17	BHBM1	Solid	Anthracene		270.000		31	210 ug/Kg
P2590-17	BHBM1	Solid	Benzo(a)anthracene		740.000		28	210 ug/Kg
P2590-17	BHBM1	Solid	Benzo(a)pyrene		610.000		38	210 ug/Kg
P2590-17	BHBM1	Solid	Benzo(b)fluoranthene		750.000		46	210 ug/Kg
P2590-17	BHBM1	Solid	Benzo(g,h,i)perylene		320.000		39	210 ug/Kg
P2590-17	BHBM1	Solid	Benzo(k)fluoranthene		290.000		47	210 ug/Kg
P2590-17	BHBM1	Solid	Carbazole		140.000	J	42	410 ug/Kg
P2590-17	BHBM1	Solid	Chrysene		710.000		30	210 ug/Kg
P2590-17	BHBM1	Solid	Dibenzo(a,h)anthracene		110.000	J	32	210 ug/Kg
P2590-17	BHBM1	Solid	Dibenzofuran		69.000	J	33	210 ug/Kg
P2590-17	BHBM1	Solid	Fluoranthene		1,500.000		23	210 ug/Kg
P2590-17	BHBM1	Solid	Fluorene		120.000	J	33	210 ug/Kg
P2590-17	BHBM1	Solid	Indeno(1,2,3-cd)pyrene		300.000		34	210 ug/Kg
P2590-17	BHBM1	Solid	Phenanthrene		1,300.000		33	210 ug/Kg

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-17	BHBM1	Solid	Pyrene	1,200.000		22	210	ug/Kg
Total Svoc :				8,516.00				
Total Concentration:				18,518.00				
Client ID : BHBM2								
P2590-18	BHBM2	Solid	Butane, 2-methoxy-2-methyl-	*	940.000	J		
P2590-18	BHBM2	Solid	Nonadecane, 1-chloro-	*	120.000	J		
P2590-18	BHBM2	Solid	Tetradecanoic acid	*	86.000	J		
P2590-18	BHBM2	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :				1,146.00				
P2590-18	BHBM2	Solid	Benzo(a)anthracene		92.000	J 27	200	ug/Kg
P2590-18	BHBM2	Solid	Benzo(a)pyrene		96.000	J 37	200	ug/Kg
P2590-18	BHBM2	Solid	Benzo(b)fluoranthene		130.000	J 44	200	ug/Kg
P2590-18	BHBM2	Solid	Benzo(g,h,i)perylene		74.000	J 38	200	ug/Kg
P2590-18	BHBM2	Solid	Benzo(k)fluoranthene		52.000	J 45	200	ug/Kg
P2590-18	BHBM2	Solid	Chrysene		99.000	J 29	200	ug/Kg
P2590-18	BHBM2	Solid	Fluoranthene		190.000	J 23	200	ug/Kg
P2590-18	BHBM2	Solid	Indeno(1,2,3-cd)pyrene		61.000	J 33	200	ug/Kg
P2590-18	BHBM2	Solid	Phenanthrene		110.000	J 32	200	ug/Kg
P2590-18	BHBM2	Solid	Pyrene		170.000	J 21	200	ug/Kg
Total Svoc :				1,074.00				
Total Concentration:				2,220.00				
Client ID : BHBM3								
P2590-19	BHBM3	Solid	(2,3-Diphenylcyclopropyl)methyl	*	130.000	J		
P2590-19	BHBM3	Solid	(DEL) Alkane: Straight-Chain22.2	*	200.000	J		
P2590-19	BHBM3	Solid	(DEL) Alkane: Straight-Chain25.6	*	200.000	J		
P2590-19	BHBM3	Solid	11H-Benzo[a]fluorene	*	93.000	J		
P2590-19	BHBM3	Solid	11H-Benzo[b]fluorene	*	130.000	J		
P2590-19	BHBM3	Solid	4H-Cyclopenta[def]phenanthrene	*	270.000	J		
P2590-19	BHBM3	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	110.000	J		
P2590-19	BHBM3	Solid	9,10-Anthracenedione	*	170.000	J		
P2590-19	BHBM3	Solid	9,10-Dimethylanthracene	*	260.000	J		
P2590-19	BHBM3	Solid	9-Octadecenamide	*	120.000	J		
P2590-19	BHBM3	Solid	Anthracene, 1-methyl-	*	110.000	J		
P2590-19	BHBM3	Solid	Anthracene, 9-methyl-	*	230.000	J		
P2590-19	BHBM3	Solid	Benzene, 1-chloro-4-phenoxy-	*	210.000	J		
P2590-19	BHBM3	Solid	Butane, 2-methoxy-2-methyl-	*	8,500.000	J		
P2590-19	BHBM3	Solid	Naphthalene, 1,2-dihydro-4-phenyl	*	83.000	J		
P2590-19	BHBM3	Solid	Perylene	*	560.000	J		
P2590-19	BHBM3	Solid	Phenanthrene, 1-methyl-	*	190.000	J		

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-19	BHBM3	Solid	Pyrene, 1-methyl-	*	90.000	J		
P2590-19	BHBM3	Solid	unknown-01	*	110.000	J		
P2590-19	BHBM3	Solid	unknown-02	*	110.000	J		
P2590-19	BHBM3	Solid	unknown-03	*	150.000	J		
P2590-19	BHBM3	Solid	Total Alkanes	*	400.000	32	210	ug/Kg
Total Tics :				12,426.00				
P2590-19	BHBM3	Solid	Anthracene		88.000	J 31	210	ug/Kg
P2590-19	BHBM3	Solid	Benzo(a)anthracene		760.000	29	210	ug/Kg
P2590-19	BHBM3	Solid	Benzo(a)pyrene		860.000	38	210	ug/Kg
P2590-19	BHBM3	Solid	Benzo(b)fluoranthene		1,200.000	46	210	ug/Kg
P2590-19	BHBM3	Solid	Benzo(g,h,i)perylene		590.000	40	210	ug/Kg
P2590-19	BHBM3	Solid	Benzo(k)fluoranthene		410.000	47	210	ug/Kg
P2590-19	BHBM3	Solid	Bis(2-ethylhexyl)phthalate		600.000	31	210	ug/Kg
P2590-19	BHBM3	Solid	Butylbenzylphthalate		190.000	J 27	210	ug/Kg
P2590-19	BHBM3	Solid	Carbazole		65.000	J 42	410	ug/Kg
P2590-19	BHBM3	Solid	Chrysene		920.000	30	210	ug/Kg
P2590-19	BHBM3	Solid	Dibenzo(a,h)anthracene		160.000	J 32	210	ug/Kg
P2590-19	BHBM3	Solid	Fluoranthene		1,400.000	24	210	ug/Kg
P2590-19	BHBM3	Solid	Indeno(1,2,3-cd)pyrene		510.000	35	210	ug/Kg
P2590-19	BHBM3	Solid	Phenanthrene		660.000	33	210	ug/Kg
P2590-19	BHBM3	Solid	Pyrene		1,300.000	22	210	ug/Kg
Total Svoc :				9,713.00				
Total Concentration:				22,139.00				
Client ID : BHBM4								
P2590-20	BHBM4	Solid	11H-Benzo[a]fluorene	*	78.000	J		
P2590-20	BHBM4	Solid	5-Bromo-2-thiophenecarboxaldeh	*	140.000	J		
P2590-20	BHBM4	Solid	Anthracene, 2-methyl-	*	100.000	J		
P2590-20	BHBM4	Solid	Benzene, [4-(3-ethynylphenyl)-1,3-	*	110.000	J		
P2590-20	BHBM4	Solid	Benzo[e]pyrene	*	280.000	J		
P2590-20	BHBM4	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2590-20	BHBM4	Solid	Hexadecanamide	*	130.000	J		
P2590-20	BHBM4	Solid	Phenanthrene, 1-methyl-	*	83.000	J		
P2590-20	BHBM4	Solid	Phenanthrene, 2,5-dimethyl-	*	100.000	J		
P2590-20	BHBM4	Solid	unknown-01	*	80.000	J		
P2590-20	BHBM4	Solid	Total Alkanes	*	0.000	30	190	ug/Kg
Total Tics :				2,301.00				
P2590-20	BHBM4	Solid	Anthracene		48.000	J 28	190	ug/Kg
P2590-20	BHBM4	Solid	Benzo(a)anthracene		370.000	26	190	ug/Kg
P2590-20	BHBM4	Solid	Benzo(a)pyrene		400.000	35	190	ug/Kg
P2590-20	BHBM4	Solid	Benzo(b)fluoranthene		570.000	42	190	ug/Kg

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-20	BHBM4	Solid	Benzo(g,h,i)perylene	320.000		36	190	ug/Kg
P2590-20	BHBM4	Solid	Benzo(k)fluoranthene	190.000		43	190	ug/Kg
P2590-20	BHBM4	Solid	Bis(2-ethylhexyl)phthalate	120.000	J	28	190	ug/Kg
P2590-20	BHBM4	Solid	Butylbenzylphthalate	52.000	J	25	190	ug/Kg
P2590-20	BHBM4	Solid	Chrysene	430.000		27	190	ug/Kg
P2590-20	BHBM4	Solid	Dibenzo(a,h)anthracene	82.000	J	30	190	ug/Kg
P2590-20	BHBM4	Solid	Fluoranthene	730.000		22	190	ug/Kg
P2590-20	BHBM4	Solid	Indeno(1,2,3-cd)pyrene	250.000		32	190	ug/Kg
P2590-20	BHBM4	Solid	Phenanthrene	340.000		31	190	ug/Kg
P2590-20	BHBM4	Solid	Pyrene	670.000		20	190	ug/Kg

Total Svoc : 4,572.00

Total Concentration: 6,873.00

Client ID : BHBM5

P2590-21	BHBM5	Solid	11H-Benzo[a]fluoren-11-one	*	140.000	J		
P2590-21	BHBM5	Solid	11H-Benzo[b]fluorene	*	180.000	J		
P2590-21	BHBM5	Solid	1H-Indene, 2-phenyl-	*	440.000	J		
P2590-21	BHBM5	Solid	2-Methyldibenzothiophene	*	210.000	J		
P2590-21	BHBM5	Solid	4-Bromothiophene-2-aldehyde	*	850.000	J		
P2590-21	BHBM5	Solid	4H-Benz[de]anthracene, 5,6-dihy	*	170.000	J		
P2590-21	BHBM5	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	320.000	J		
P2590-21	BHBM5	Solid	7H-Benz[de]anthracen-7-one	*	110.000	J		
P2590-21	BHBM5	Solid	9,10-Anthracenedione	*	470.000	J		
P2590-21	BHBM5	Solid	9,10-Dimethylantracene	*	180.000	J		
P2590-21	BHBM5	Solid	9H-Fluoren-9-one	*	150.000	J		
P2590-21	BHBM5	Solid	9H-Fluorene, 9,9-dimethyl-	*	110.000	J		
P2590-21	BHBM5	Solid	9H-Fluorene, 9-methyl-	*	120.000	J		
P2590-21	BHBM5	Solid	Benz[a]anthracene, 6-methyl-	*	120.000	J		
P2590-21	BHBM5	Solid	Benz[a]anthracene, 8-methyl-	*	130.000	J		
P2590-21	BHBM5	Solid	Benzo[b]naphtho[2,3-d]thiophene	*	170.000	J		
P2590-21	BHBM5	Solid	Benzo[e]pyrene	*	1,400.000	J		
P2590-21	BHBM5	Solid	Butane, 2-methoxy-2-methyl-	*	8,300.000	J		
P2590-21	BHBM5	Solid	Cyclopenta(def)phenanthrenone	*	600.000	J		
P2590-21	BHBM5	Solid	Dibenzothiophene	*	140.000	J		
P2590-21	BHBM5	Solid	Fluoranthene, 2-methyl-	*	110.000	J		
P2590-21	BHBM5	Solid	Naphthalene, 1,2,3,4-tetramethyl-	*	150.000	J		
P2590-21	BHBM5	Solid	Phenanthrene, 1,7-dimethyl-	*	210.000	J		
P2590-21	BHBM5	Solid	Phenanthrene, 1-methyl-	*	860.000	J		
P2590-21	BHBM5	Solid	Phenanthrene, 2,5-dimethyl-	*	840.000	J		
P2590-21	BHBM5	Solid	Phenanthrene, 2,7-dimethyl-	*	200.000	J		
P2590-21	BHBM5	Solid	Phenanthrene, 3,6-dimethyl-	*	280.000	J		

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-21	BHBM5	Solid	Pyrene, 1-methyl-	*	190.000	J		
P2590-21	BHBM5	Solid	Pyrene, 2-methyl-	*	150.000	J		
P2590-21	BHBM5	Solid	unknown-01	*	360.000	J		
P2590-21	BHBM5	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :				17,660.00				
P2590-21	BHBM5	Solid	1-Methylnaphthalene		56.000	J 27	190	ug/Kg
P2590-21	BHBM5	Solid	2-Methylnaphthalene		53.000	J 36	190	ug/Kg
P2590-21	BHBM5	Solid	Acenaphthene		46.000	J 29	190	ug/Kg
P2590-21	BHBM5	Solid	Acenaphthylene		140.000	J 33	190	ug/Kg
P2590-21	BHBM5	Solid	Anthracene		150.000	J 28	190	ug/Kg
P2590-21	BHBM5	Solid	Benzo(a)anthracene		1,500.000	26	190	ug/Kg
P2590-21	BHBM5	Solid	Benzo(a)pyrene		1,600.000	35	190	ug/Kg
P2590-21	BHBM5	Solid	Benzo(b)fluoranthene		2,000.000	42	190	ug/Kg
P2590-21	BHBM5	Solid	Benzo(g,h,i)perylene		1,100.000	36	190	ug/Kg
P2590-21	BHBM5	Solid	Benzo(k)fluoranthene		790.000	43	190	ug/Kg
P2590-21	BHBM5	Solid	Bis(2-ethylhexyl)phthalate		99.000	J 28	190	ug/Kg
P2590-21	BHBM5	Solid	Carbazole		120.000	J 38	370	ug/Kg
P2590-21	BHBM5	Solid	Chrysene		1,900.000	27	190	ug/Kg
P2590-21	BHBM5	Solid	Di-n-butylphthalate		40.000	J 31	190	ug/Kg
P2590-21	BHBM5	Solid	Dibenzo(a,h)anthracene		300.000	29	190	ug/Kg
P2590-21	BHBM5	Solid	Dibenzofuran		39.000	J 31	190	ug/Kg
P2590-21	BHBM5	Solid	Fluoranthene		2,800.000	21	190	ug/Kg
P2590-21	BHBM5	Solid	Fluorene		91.000	J 31	190	ug/Kg
P2590-21	BHBM5	Solid	Indeno(1,2,3-cd)pyrene		930.000	32	190	ug/Kg
P2590-21	BHBM5	Solid	Naphthalene		71.000	J 27	190	ug/Kg
P2590-21	BHBM5	Solid	Phenanthrene		1,800.000	31	190	ug/Kg
P2590-21	BHBM5	Solid	Pyrene		3,000.000	20	190	ug/Kg
Total Svoc :				18,625.00				
Total Concentration:				36,285.00				
Client ID : BHBM6								
P2590-22	BHBM6	Solid	1,4-Diphenyl-1,3-butadiene	*	140.000	J		
P2590-22	BHBM6	Solid	11H-Benzo[a]fluorene	*	160.000	J		
P2590-22	BHBM6	Solid	2,2-Dimethyl-1-acenaphthenone	*	130.000	J		
P2590-22	BHBM6	Solid	3,4-Dihydro-2-bromo-4,4-dimethy	*	170.000	J		
P2590-22	BHBM6	Solid	4-Methylnaphtho[1,2-b]thiophene	*	150.000	J		
P2590-22	BHBM6	Solid	9,10-Anthracenedione	*	480.000	J		
P2590-22	BHBM6	Solid	9,10-Dimethylanthracene	*	560.000	J		
P2590-22	BHBM6	Solid	9H-Fluoren-9-ol	*	100.000	J		
P2590-22	BHBM6	Solid	9H-Fluoren-9-one	*	110.000	J		
P2590-22	BHBM6	Solid	9H-Fluorene, 2-methyl-	*	130.000	J		

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-22	BHBM6	Solid	Anthracene, 2-methyl-	*	410.000	J		
P2590-22	BHBM6	Solid	Anthracene, 9-ethenyl-	*	120.000	J		
P2590-22	BHBM6	Solid	Benz[a]anthracene, 12-methyl-	*	120.000	J		
P2590-22	BHBM6	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	110.000	J		
P2590-22	BHBM6	Solid	Benzo[e]pyrene	*	770.000	J		
P2590-22	BHBM6	Solid	Benzo[j]fluoranthene	*	1,300.000	J		
P2590-22	BHBM6	Solid	Butane, 2-methoxy-2-methyl-	*	8,000.000	J		
P2590-22	BHBM6	Solid	Cyclopenta(def)phenanthrenone	*	590.000	J		
P2590-22	BHBM6	Solid	di-p-Tolylacetylene	*	220.000	J		
P2590-22	BHBM6	Solid	Dibenzothiophene	*	150.000	J		
P2590-22	BHBM6	Solid	Fluorenone oxime	*	140.000	J		
P2590-22	BHBM6	Solid	Methacrylamide	*	120.000	J		
P2590-22	BHBM6	Solid	Naphthalene, 2-phenyl-	*	410.000	J		
P2590-22	BHBM6	Solid	Perylene	*	2,400.000	J		
P2590-22	BHBM6	Solid	Phenanthrene, 1,7-dimethyl-	*	150.000	J		
P2590-22	BHBM6	Solid	Phenanthrene, 2,5-dimethyl-	*	270.000	J		
P2590-22	BHBM6	Solid	Phenanthrene, 4-methyl-	*	620.000	J		
P2590-22	BHBM6	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2590-22	BHBM6	Solid	unknown-01	*	160.000	J		
P2590-22	BHBM6	Solid	unknown-02	*	960.000	J		
P2590-22	BHBM6	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :				19,270.00				
P2590-22	BHBM6	Solid	Acenaphthene	70.000	J	29	190	ug/Kg
P2590-22	BHBM6	Solid	Acenaphthylene	140.000	J	33	190	ug/Kg
P2590-22	BHBM6	Solid	Anthracene	270.000		28	190	ug/Kg
P2590-22	BHBM6	Solid	Benzo(a)anthracene	2,700.000		26	190	ug/Kg
P2590-22	BHBM6	Solid	Benzo(a)pyrene	2,900.000		35	190	ug/Kg
P2590-22	BHBM6	Solid	Benzo(b)fluoranthene	3,800.000	E	42	190	ug/Kg
P2590-22	BHBM6	Solid	Benzo(g,h,i)perylene	1,700.000		36	190	ug/Kg
P2590-22	BHBM6	Solid	Benzo(k)fluoranthene	1,300.000		43	190	ug/Kg
P2590-22	BHBM6	Solid	Carbazole	170.000	J	38	370	ug/Kg
P2590-22	BHBM6	Solid	Chrysene	3,000.000		27	190	ug/Kg
P2590-22	BHBM6	Solid	Di-n-butylphthalate	83.000	J	30	190	ug/Kg
P2590-22	BHBM6	Solid	Dibenzo(a,h)anthracene	550.000		29	190	ug/Kg
P2590-22	BHBM6	Solid	Dibenzofuran	42.000	J	30	190	ug/Kg
P2590-22	BHBM6	Solid	Fluoranthene	4,700.000	E	21	190	ug/Kg
P2590-22	BHBM6	Solid	Fluorene	100.000	J	30	190	ug/Kg
P2590-22	BHBM6	Solid	Indeno(1,2,3-cd)pyrene	1,700.000		32	190	ug/Kg
P2590-22	BHBM6	Solid	Naphthalene	45.000	J	27	190	ug/Kg
P2590-22	BHBM6	Solid	Phenanthrene	2,100.000		30	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2590-22	BHBM6	Solid	Pyrene	4,300.000	E	20	190	ug/Kg
Total Svoc :				29,670.00				
Total Concentration:				48,940.00				
Client ID : BH5T0								
P2591-07	BH5T0	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2591-07	BH5T0	Solid	11H-Benzo[a]fluoren-11-one	*	130.000	J		
P2591-07	BH5T0	Solid	4H-Cyclopenta[def]phenanthrene	*	190.000	J		
P2591-07	BH5T0	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	130.000	J		
P2591-07	BH5T0	Solid	7H-Benz[de]anthracen-7-one	*	120.000	J		
P2591-07	BH5T0	Solid	9,10-Anthracenedione	*	170.000	J		
P2591-07	BH5T0	Solid	9-Octadecenamide, (Z)-	*	96.000	J		
P2591-07	BH5T0	Solid	9H-Fluoren-9-one	*	150.000	J		
P2591-07	BH5T0	Solid	Anthracene, 1-methyl-	*	260.000	J		
P2591-07	BH5T0	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	89.000	J		
P2591-07	BH5T0	Solid	Benzo[e]pyrene	*	370.000	J		
P2591-07	BH5T0	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P2591-07	BH5T0	Solid	Cyclopenta(def)phenanthrenone	*	200.000	J		
P2591-07	BH5T0	Solid	Dibenzothiophene	*	100.000	J		
P2591-07	BH5T0	Solid	Perylene	*	140.000	J		
P2591-07	BH5T0	Solid	Phenanthrene, 1-methyl-	*	200.000	J		
P2591-07	BH5T0	Solid	unknown-01	*	120.000	J		
P2591-07	BH5T0	Solid	unknown-02	*	85.000	J		
P2591-07	BH5T0	Solid	Total Alkanes	*	0.000	30	190	ug/Kg
Total Tics :				4,060.00				
P2591-07	BH5T0	Solid	2-Methylnaphthalene		70.000	J	37	190 ug/Kg
P2591-07	BH5T0	Solid	Acenaphthene		69.000	J	30	190 ug/Kg
P2591-07	BH5T0	Solid	Anthracene		260.000		29	190 ug/Kg
P2591-07	BH5T0	Solid	Benzo(a)anthracene		800.000		26	190 ug/Kg
P2591-07	BH5T0	Solid	Benzo(a)pyrene		640.000		36	190 ug/Kg
P2591-07	BH5T0	Solid	Benzo(b)fluoranthene		970.000		42	190 ug/Kg
P2591-07	BH5T0	Solid	Benzo(g,h,i)perylene		400.000		37	190 ug/Kg
P2591-07	BH5T0	Solid	Benzo(k)fluoranthene		300.000		44	190 ug/Kg
P2591-07	BH5T0	Solid	Carbazole		200.000	J	39	380 ug/Kg
P2591-07	BH5T0	Solid	Chrysene		790.000		28	190 ug/Kg
P2591-07	BH5T0	Solid	Dibenzo(a,h)anthracene		130.000	J	30	190 ug/Kg
P2591-07	BH5T0	Solid	Dibenzofuran		90.000	J	31	190 ug/Kg
P2591-07	BH5T0	Solid	Fluoranthene		1,800.000		22	190 ug/Kg
P2591-07	BH5T0	Solid	Fluorene		63.000	J	31	190 ug/Kg
P2591-07	BH5T0	Solid	Indeno(1,2,3-cd)pyrene		360.000		32	190 ug/Kg
P2591-07	BH5T0	Solid	Naphthalene		72.000	J	28	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-07	BH5T0	Solid	Phenanthrene	1,400.000		31	190	ug/Kg
P2591-07	BH5T0	Solid	Pyrene	1,300.000		21	190	ug/Kg
Total Svoc :				9,714.00				
Total Concentration:				13,774.00				

Client ID : BH5T1

P2591-08	BH5T1	Solid	1-Phenoxypropan-2-ol	*	88.000	J		
P2591-08	BH5T1	Solid	8-Methyl-6-nonenamide	*	90.000	J		
P2591-08	BH5T1	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P2591-08	BH5T1	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :				1,878.00				
P2591-08	BH5T1	Solid	2-Methylnaphthalene		120.000	J	36	190 ug/Kg
P2591-08	BH5T1	Solid	Anthracene		51.000	J	28	190 ug/Kg
P2591-08	BH5T1	Solid	Benzo(a)anthracene		200.000		26	190 ug/Kg
P2591-08	BH5T1	Solid	Benzo(a)pyrene		180.000	J	35	190 ug/Kg
P2591-08	BH5T1	Solid	Benzo(b)fluoranthene		260.000		42	190 ug/Kg
P2591-08	BH5T1	Solid	Benzo(g,h,i)perylene		120.000	J	36	190 ug/Kg
P2591-08	BH5T1	Solid	Benzo(k)fluoranthene		96.000	J	43	190 ug/Kg
P2591-08	BH5T1	Solid	Carbazole		45.000	J	38	370 ug/Kg
P2591-08	BH5T1	Solid	Chrysene		190.000		27	190 ug/Kg
P2591-08	BH5T1	Solid	Dibenzo(a,h)anthracene		43.000	J	29	190 ug/Kg
P2591-08	BH5T1	Solid	Fluoranthene		440.000		21	190 ug/Kg
P2591-08	BH5T1	Solid	Indeno(1,2,3-cd)pyrene		100.000	J	32	190 ug/Kg
P2591-08	BH5T1	Solid	Naphthalene		50.000	J	27	190 ug/Kg
P2591-08	BH5T1	Solid	Phenanthrene		320.000		30	190 ug/Kg
P2591-08	BH5T1	Solid	Pyrene		340.000		20	190 ug/Kg
Total Svoc :				2,555.00				
Total Concentration:				4,433.00				

Client ID : BH5T2

P2591-09	BH5T2	Solid	1-Propanol, 3-phenoxy-	*	98.000	J		
P2591-09	BH5T2	Solid	11H-Benzo[a]fluoren-11-one	*	120.000	J		
P2591-09	BH5T2	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	110.000	J		
P2591-09	BH5T2	Solid	4H-Cyclopenta[def]phenanthrene	*	300.000	J		
P2591-09	BH5T2	Solid	5,12-ethanonaphthacene-6-carbon	*	150.000	J		
P2591-09	BH5T2	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	150.000	J		
P2591-09	BH5T2	Solid	5H-Dibenzo[a,d]cycloheptene	*	210.000	J		
P2591-09	BH5T2	Solid	7H-Benz[de]anthracen-7-one	*	120.000	J		
P2591-09	BH5T2	Solid	9,10-Anthracenedione	*	200.000	J		
P2591-09	BH5T2	Solid	9-Octadecenamide, (Z)-	*	120.000	J		
P2591-09	BH5T2	Solid	9H-Fluoren-9-one	*	150.000	J		

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SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-09	BH5T2	Solid	Anthracene, 1-methyl-	*	81.000	J		
P2591-09	BH5T2	Solid	Anthracene, 2-methyl-	*	310.000	J		
P2591-09	BH5T2	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	100.000	J		
P2591-09	BH5T2	Solid	Benzo[e]pyrene	*	180.000	J		
P2591-09	BH5T2	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J		
P2591-09	BH5T2	Solid	Cyclopenta(def)phenanthrenone	*	230.000	J		
P2591-09	BH5T2	Solid	Dibenzothiophene	*	110.000	J		
P2591-09	BH5T2	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	83.000	J		
P2591-09	BH5T2	Solid	Methacrylamide	*	91.000	J		
P2591-09	BH5T2	Solid	Perylene	*	180.000	J		
P2591-09	BH5T2	Solid	Phenanthrene, 3,6-dimethyl-	*	100.000	J		
P2591-09	BH5T2	Solid	unknown-01	*	100.000	J		
P2591-09	BH5T2	Solid	unknown-02	*	120.000	J		
P2591-09	BH5T2	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :					14,413.00			
P2591-09	BH5T2	Solid	1-Methylnaphthalene		42.000	J 29	210	ug/Kg
P2591-09	BH5T2	Solid	2-Methylnaphthalene		93.000	J 39	210	ug/Kg
P2591-09	BH5T2	Solid	Acenaphthene		110.000	J 32	210	ug/Kg
P2591-09	BH5T2	Solid	Anthracene		360.000	30	210	ug/Kg
P2591-09	BH5T2	Solid	Benzo(a)anthracene		1,100.000	28	210	ug/Kg
P2591-09	BH5T2	Solid	Benzo(a)pyrene		600.000	38	210	ug/Kg
P2591-09	BH5T2	Solid	Benzo(b)fluoranthene		1,400.000	45	210	ug/Kg
P2591-09	BH5T2	Solid	Benzo(g,h,i)perylene	J	81.000	39	210	ug/Kg
P2591-09	BH5T2	Solid	Benzo(k)fluoranthene		450.000	46	210	ug/Kg
P2591-09	BH5T2	Solid	Bis(2-ethylhexyl)phthalate	J	52.000	30	210	ug/Kg
P2591-09	BH5T2	Solid	Carbazole	J	260.000	41	400	ug/Kg
P2591-09	BH5T2	Solid	Chrysene		1,100.000	29	210	ug/Kg
P2591-09	BH5T2	Solid	Dibenzo(a,h)anthracene	J	190.000	32	210	ug/Kg
P2591-09	BH5T2	Solid	Dibenzofuran	J	110.000	33	210	ug/Kg
P2591-09	BH5T2	Solid	Fluoranthene		2,400.000	23	210	ug/Kg
P2591-09	BH5T2	Solid	Fluorene	J	120.000	33	210	ug/Kg
P2591-09	BH5T2	Solid	Indeno(1,2,3-cd)pyrene		410.000	34	210	ug/Kg
P2591-09	BH5T2	Solid	Naphthalene	J	93.000	29	210	ug/Kg
P2591-09	BH5T2	Solid	Phenanthrene		1,800.000	33	210	ug/Kg
P2591-09	BH5T2	Solid	Pyrene		1,600.000	22	210	ug/Kg
Total Svoc :					12,371.00			
Total Concentration:					26,784.00			
Client ID : SVOC-GPC-BLANK								
P2669-05	SVOC-GPC-BLANK	Solid	Total Alkanes	*	0.000	78	510	ug/Kg
Total Tics :					0.00			



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

Hit Summary Sheet
SW-846

SDG No.: BG060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			0.00		
Client ID : SVOC-GPC2-BLANK								
P2669-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	78	510	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		



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.: BG060424 SAS No.: BG060424 SDG NO.: BG060424

EPA Sample No.: SSTD020415 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 12:04

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	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	SBLK141	28254	7.87	125326	10.67	110977	14.52
02	BHBL3	31319	7.87	133553	10.67	108032	14.51
03	BHBL5	28086	7.88	115762	10.67	95147	14.51
04	BHBL7	26731	7.88	114281	10.67	91807	14.51
05	BHBL9	23980	7.88	103824	10.67	82596	14.51
06	BHBW4DL	26982	7.88	114443	10.67	92562	14.52
07	BHBM5	27265	7.87	115849	10.67	88128	14.52
08	BHBM6	30078	7.88	124701	10.67	92291	14.52
09	BHBM1	27134	7.88	109713	10.67	87884	14.52
10	SBLK139	26519	7.87	108071	10.67	84414	14.52
11	SVOC-GPC-BLANK	33471	7.88	139169	10.67	103655	14.51
12	SVOC-GPC2-BLANK	28232	7.88	113232	10.67	89312	14.51
13	BHBM4	30269	7.88	122575	10.67	94144	14.51
14	BHBL6	31828	7.87	121989	10.67	91605	14.51
15	BHBL8	30283	7.88	124501	10.67	90634	14.51
16	BHBM0	25833	7.87	94690	10.67	71688	14.51
17	BHBM2	28905	7.88	120075	10.67	91529	14.51
18	BHBM3	33741	7.88	132441	10.67	91791	14.51
19	BH5T0	32513	7.88	124899	10.67	94465	14.51
20	BH5T1	24257	7.88	99093	10.67	79305	14.51
21	BH5T2	26557	7.87	111234	10.67	80900	14.51
22	SLCS141	25531	7.87	116961	10.67	85659	14.51
23	SBLK200	29951	7.87	117962	10.67	95549	14.51

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG060424 SAS No.: BG060424 SDG NO.: BG060424

EPA Sample No.: SSTD020415 Date Analyzed: Jun 5 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 05:55

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.						
24 BHBL7DL	26741	7.88	104779	10.67	78647	14.51
25 BH629DL	36075	7.88	140548	10.67	105578	14.51
26 BH5W5DL	34436	7.88	138602	10.67	102560	14.51
27 BH5W6DL	32402	7.87	136511	10.67	99983	14.51
28 BH5W7DL	37316	7.87	139697	10.67	105546	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.: BG060424 SAS No.: BG060424 SDG NO.: BG060424

EPA Sample No.: SSTD020513 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BG061450.D Time Analyzed: 12:04

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	17447	7.871	92558	10.67	81109	14.52
UPPER LIMIT	34894	8.371	185116	11.167	162218	15.016
LOWER LIMIT	8723.5	7.371	46279	10.167	40554.5	14.016
EPA SAMPLE NO.						
01 SBLK141	28254	7.87	125326	10.67	110977	14.52
02 BHBL3	31319	7.87	133553	10.67	108032	14.51
03 BHBL5	28086	7.88	115762	10.67	95147	14.51
04 BHBL7	26731	7.88	114281	10.67	91807	14.51
05 BHBL9	23980	7.88	103824	10.67	82596	14.51
06 BHBW4DL	26982	7.88	114443	10.67	92562	14.52
07 BHBM5	27265	7.87	115849	10.67	88128	14.52
08 BHBM6	30078	7.88	124701	10.67	92291	14.52
09 BHBM1	27134	7.88	109713	10.67	87884	14.52

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.: BG060424 SAS No.: BG060424 SDG NO.: BG060424

EPA Sample No.: SSTD020514 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BG061460.D Time Analyzed: 18:58

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	29622	7.875	124593	10.67	97418	14.52
UPPER LIMIT	59244	8.375	249186	11.172	194836	15.015
LOWER LIMIT	14811	7.375	62296.5	10.172	48709	14.015
EPA SAMPLE NO.						
01 SBLK139	26519	7.87	108071	10.67	84414	14.52
02 SVOC-GPC-BLANK	33471	7.88	139169	10.67	103655	14.51
03 SVOC-GPC2-BLANK	28232	7.88	113232	10.67	89312	14.51
04 BHBM4	30269	7.88	122575	10.67	94144	14.51
05 BHBL6	31828	7.87	121989	10.67	91605	14.51
06 BHBL8	30283	7.88	124501	10.67	90634	14.51
07 BHBM0	25833	7.87	94690	10.67	71688	14.51
08 BHBM2	28905	7.88	120075	10.67	91529	14.51
09 BHBM3	33741	7.88	132441	10.67	91791	14.51
10 BH5T0	32513	7.88	124899	10.67	94465	14.51
11 BH5T1	24257	7.88	99093	10.67	79305	14.51
12 BH5T2	26557	7.87	111234	10.67	80900	14.51
13 SLCS141	25531	7.87	116961	10.67	85659	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.: BG060424 SAS No.: BG060424 SDG NO.: BG060424

EPA Sample No.: SSTD020515 Date Analyzed: Jun 5 2024 12:00AM

Lab File ID: BG061474.D Time Analyzed: 05:14

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	35153	7.873	138151	10.67	107288	14.51
UPPER LIMIT	70306	8.373	276302	11.17	214576	15.012
LOWER LIMIT	17576.5	7.373	69075.5	10.17	53644	14.012
EPA SAMPLE NO.						
01 SBLK200	29951	7.87	117962	10.67	95549	14.51
02 BHBL7DL	26741	7.88	104779	10.67	78647	14.51
03 BH629DL	36075	7.88	140548	10.67	105578	14.51
04 BH5W5DL	34436	7.88	138602	10.67	102560	14.51
05 BH5W6DL	32402	7.87	136511	10.67	99983	14.51
06 BH5W7DL	37316	7.87	139697	10.67	105546	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.: BG060424 SAS No.: BG060424 SDG NO.: BG060424

EPA Sample No.: SSTD020415 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 12:04

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	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	SBLK141	302608	17.27	323905	21.52	371922	24.61
02	BHBL3	263395	17.26	274182	21.52	311871	24.61
03	BHBL5	229017	17.26	242231	21.52	273650	24.61
04	BHBL7	222989	17.27	242221	21.53	279424	24.62
05	BHBL9	195988	17.27	211226	21.52	242682	24.61
06	BHBW4DL	217705	17.26	237584	21.52	267928	24.61
07	BHBM5	195934	17.27	209801	21.52	245310	24.63
08	BHBM6	207237	17.27	224770	21.53	259193	24.63
09	BHBM1	208000	17.27	221520	21.53	258451	24.62
10	SBLK139	194272	17.27	212173	21.52	243364	24.62
11	SVOC-GPC-BLANK	241591	17.27	251316	21.52	285170	24.61
12	SVOC-GPC2-BLANK	208569	17.26	227996	21.51	260807	24.61
13	BHBM4	207530	17.26	217475	21.52	241668	24.61
14	BHBL6	213475	17.26	212332	21.52	256414	24.61
15	BHBL8	204928	17.26	216041	21.52	249339	24.62
16	BHBM0	170068	17.26	186598	21.52	215636	24.61
17	BHBM2	209241	17.26	230566	21.52	262019	24.61
18	BHBM3	206082	17.26	231457	21.52	266494	24.61
19	BH5T0	214509	17.27	231803	21.52	272607	24.61
20	BH5T1	196367	17.26	214780	21.51	240065	24.61
21	BH5T2	188699	17.26	197401	21.52	226392	24.61

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG060424 SAS No.: BG060424 SDG NO.: BG060424

EPA Sample No.: SSTD020415 Date Analyzed: Jun 5 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 03:12

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	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 SLCS141	198301	17.26	208703	21.52	232081	24.61
23 SBLK200	208300	17.26	240124	21.51	266253	24.60
24 BHBL7DL	183335	17.26	196562	21.51	225396	24.60
25 BH629DL	245182	17.26	260194	21.52	308389	24.61
26 BH5W5DL	228707	17.27	249164	21.52	290031	24.62
27 BH5W6DL	236936	17.26	254565	21.52	297039	24.61
28 BH5W7DL	240899	17.26	263722	21.52	301935	24.61

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.: BG060424 SAS No.: BG060424 SDG NO.: BG060424

EPA Sample No.: SSTD020513 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BG061450.D Time Analyzed: 12:04

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	214755	17.265	231597	21.519	263369	24.616
UPPER LIMIT	429510	17.765	463194	22.019	526738	25.116
LOWER LIMIT	107377.5	16.765	115798.5	21.019	131684.5	24.116
EPA SAMPLE NO.						
01 SBLK141	302608	17.27	323905	21.52	371922	24.61
02 BHBL3	263395	17.26	274182	21.52	311871	24.61
03 BHBL5	229017	17.26	242231	21.52	273650	24.61
04 BHBL7	222989	17.27	242221	21.53	279424	24.62
05 BHBL9	195988	17.27	211226	21.52	242682	24.61
06 BHBW4DL	217705	17.26	237584	21.52	267928	24.61
07 BHBM5	195934	17.27	209801	21.52	245310	24.63
08 BHBM6	207237	17.27	224770	21.53	259193	24.63
09 BHBM1	208000	17.27	221520	21.53	258451	24.62

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.: BG060424 SAS No.: BG060424 SDG NO.: BG060424

EPA Sample No.: SSTD020514 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BG061460.D Time Analyzed: 18:58

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	235915	17.265	248998	21.524	286871	24.615
UPPER LIMIT	471830	17.765	497996	22.024	573742	25.115
LOWER LIMIT	117957.5	16.765	124499	21.024	143435.5	24.115
EPA SAMPLE NO.						
01 SBLK139	194272	17.27	212173	21.52	243364	24.62
02 SVOC-GPC-BLANK	241591	17.27	251316	21.52	285170	24.61
03 SVOC-GPC2-BLANK	208569	17.26	227996	21.51	260807	24.61
04 BHBM4	207530	17.26	217475	21.52	241668	24.61
05 BHBL6	213475	17.26	212332	21.52	256414	24.61
06 BHBL8	204928	17.26	216041	21.52	249339	24.62
07 BHBM0	170068	17.26	186598	21.52	215636	24.61
08 BHBM2	209241	17.26	230566	21.52	262019	24.61
09 BHBM3	206082	17.26	231457	21.52	266494	24.61
10 BH5T0	214509	17.27	231803	21.52	272607	24.61
11 BH5T1	196367	17.26	214780	21.51	240065	24.61
12 BH5T2	188699	17.26	197401	21.52	226392	24.61
13 SLCS141	198301	17.26	208703	21.52	232081	24.61

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.: BG060424 SAS No.: BG060424 SDG NO.: BG060424

EPA Sample No.: SSTD020515 Date Analyzed: Jun 5 2024 12:00AM

Lab File ID: BG061474.D Time Analyzed: 05:14

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	250049	17.262	276722	21.522	300787	24.606
UPPER LIMIT	500098	17.762	553444	22.022	601574	25.106
LOWER LIMIT	125024.5	16.762	138361	21.022	150393.5	24.106
EPA SAMPLE NO.						
01 SBLK200	208300	17.26	240124	21.51	266253	24.60
02 BHBL7DL	183335	17.26	196562	21.51	225396	24.60
03 BH629DL	245182	17.26	260194	21.52	308389	24.61
04 BH5W5DL	228707	17.27	249164	21.52	290031	24.62
05 BH5W6DL	236936	17.26	254565	21.52	297039	24.61
06 BH5W7DL	240899	17.26	263722	21.52	301935	24.61

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.: BG060424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161141BS	1,4-Dioxane	530	500	ug/Kg	94				0	0		
	Benzaldehyde	1300	1400	ug/Kg	108				0	0		
	Pyridine	1300	1200	ug/Kg	92				0	0		
	Phenol	1300	1200	ug/Kg	92				0	0		
	Bis(2-chloroethyl)ether	1300	1100	ug/Kg	85				0	0		
	2-Chlorophenol	1300	1200	ug/Kg	92				0	0		
	2-Methylphenol	1300	1200	ug/Kg	92				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1000	ug/Kg	77				0	0		
	Acetophenone	1300	1100	ug/Kg	85				0	0		
	4-Methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitroso-di-n-propylamine	1300	1000	ug/Kg	77				0	0		
	Hexachloroethane	1300	1200	ug/Kg	92				0	0		
	Nitrobenzene	1300	1100	ug/Kg	85				0	0		
	Isophorone	1300	1100	ug/Kg	85				0	0		
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	2,4-Dimethylphenol	1300	850	ug/Kg	65				0	0		
	Bis(2-chloroethoxy)methane	1300	1100	ug/Kg	85				0	0		
	2,4-Dichlorophenol	1300	1300	ug/Kg	100				0	0		
	Naphthalene	1300	1200	ug/Kg	92				0	0		
	4-Chloroaniline	1300	1000	ug/Kg	77				0	0		
	Hexachlorobutadiene	1300	1300	ug/Kg	100				0	0		
	Caprolactam	1300	1000	ug/Kg	77				0	0		
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	1-Methylnaphthalene	1300	1100	ug/Kg	85				0	0		
	2-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	Hexachlorocyclopentadiene	1300	180	ug/Kg	14				0	0		
	2,4,6-Trichlorophenol	1300	1400	ug/Kg	108				0	0		
	2,4,5-Trichlorophenol	1300	1400	ug/Kg	108				0	0		
	1,1'-Biphenyl	1300	1300	ug/Kg	100				0	0		
	2-Chloronaphthalene	1300	1300	ug/Kg	100				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	1100	ug/Kg	85				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	1200	ug/Kg	92				0	0		
	3-Nitroaniline	1300	1300	ug/Kg	100				0	0		
	Acenaphthene	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrophenol	1300	950	ug/Kg	73				0	0		
	4-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	Dibenzofuran	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluorene	1300	1200	ug/Kg	92				0	0		
	4-Chlorophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	4-Nitroaniline	1300	1300	ug/Kg	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG060424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161141BS	4,6-Dinitro-2-methylphenol	1300	1100	ug/Kg	85				0	0	
	N-Nitrosodiphenylamine	1300	1300	ug/Kg	100				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	1500	ug/Kg	115				0	0	
	4-Bromophenyl-phenylether	1300	1300	ug/Kg	100				0	0	
	Hexachlorobenzene	1300	1300	ug/Kg	100				0	0	
	Atrazine	1300	1200	ug/Kg	92				0	0	
	Pentachlorophenol	1300	1100	ug/Kg	85				0	0	
	Phenanthrene	1300	1300	ug/Kg	100				0	0	
	Pentachlorobenzene	1300	1400	ug/Kg	108				0	0	
	Anthracene	1300	1200	ug/Kg	92				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1500	ug/Kg	115				0	0	
	Carbazole	1300	1300	ug/Kg	100				0	0	
	Di-n-butylphthalate	1300	1300	ug/Kg	100				0	0	
	Fluoranthene	1300	1200	ug/Kg	92				0	0	
	Pyrene	1300	1200	ug/Kg	92				0	0	
	Butylbenzylphthalate	1300	1200	ug/Kg	92				0	0	
	3,3'-Dichlorobenzidine	1300	1400	ug/Kg	108				0	0	
	Benzo(a)anthracene	1300	1300	ug/Kg	100				0	0	
	Chrysene	1300	1300	ug/Kg	100				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1200	ug/Kg	92				0	0	
	Di-n-octylphthalate	1300	1300	ug/Kg	100				0	0	
	Benzo(b)fluoranthene	1300	1300	ug/Kg	100				0	0	
	Benzo(k)fluoranthene	1300	1200	ug/Kg	92				0	0	
	Benzo(a)pyrene	1300	1200	ug/Kg	92				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1300	ug/Kg	100				0	0	
	Dibenzo(a,h)anthracene	1300	1300	ug/Kg	100				0	0	
	Benzo(g,h,i)perylene	1300	1200	ug/Kg	92				0	0	
	2,3,4,6-Tetrachlorophenol	1300	1300	ug/Kg	100				0	0	



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Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK139

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG060424

SAS No.: BG060424 SDG NO.: BG060424

Lab File ID: BG061461.D

Lab Sample ID: PB161139BL

Instrument ID: BNA_G

Date Extracted: 05/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/04/2024

Level: (low/med) LOW

Time Analyzed: 18:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK141

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG060424

SAS No.: BG060424 SDG NO.: BG060424

Lab File ID: BG061451.D

Lab Sample ID: PB161141BL

Instrument ID: BNA_G

Date Extracted: 05/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/04/2024

Level: (low/med) LOW

Time Analyzed: 12:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHBL3	P2590-07	BG061452.D	06/04/2024
BHBL5	P2590-09	BG061453.D	06/04/2024
BHBL7	P2590-11	BG061454.D	06/04/2024
BHBL9	P2590-13	BG061455.D	06/04/2024
BHBM5	P2590-21	BG061457.D	06/04/2024
BHBM6	P2590-22	BG061458.D	06/04/2024
BHBM1	P2590-17	BG061459.D	06/04/2024
BHBM4	P2590-20	BG061464.D	06/04/2024
BHBL6	P2590-10	BG061465.D	06/04/2024
BHBL8	P2590-12	BG061466.D	06/04/2024
BHBM0	P2590-14	BG061467.D	06/04/2024
BHBM2	P2590-18	BG061468.D	06/04/2024
BHBM3	P2590-19	BG061469.D	06/05/2024
PB161141BS	PB161141BS	BG061473.D	06/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK200

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG060424

SAS No.: BG060424 SDG NO.: BG060424

Lab File ID: BG061475.D

Lab Sample ID: PB161200BL

Instrument ID: BNA_G

Date Extracted: 05/30/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/05/2024

Level: (low/med) LOW

Time Analyzed: 05:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH5T0	P2591-07	BG061470.D	06/05/2024
BH5T1	P2591-08	BG061471.D	06/05/2024
BH5T2	P2591-09	BG061472.D	06/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG060424

SAS No.: BG060424 SDG NO.: BG060424

Lab File ID: BG061462.D

Lab Sample ID: P2669-05

Instrument ID: BNA_G

Date Extracted: 06/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/04/2024

Level: (low/med) LOW

Time Analyzed: 19:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC-BLANK	P2669-05	BG061462.D	06/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG060424

SAS No.: BG060424 SDG NO.: BG060424

Lab File ID: BG061463.D

Lab Sample ID: P2669-10

Instrument ID: BNA_G

Date Extracted: 06/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/04/2024

Level: (low/med) LOW

Time Analyzed: 20:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P2669-10	BG061463.D	06/04/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BG060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-13DL	BH629DL	BG061477.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Pyridine-d5	40	12.75	32		20	120
			Phenol-d5	40	18.49	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.44	46		10	150
			2-Chlorophenol-d4	40	21.03	53		15	120
			4-Methylphenol-d8	40	19.93	50		10	140
			Nitrobenzene-d5	40	23.01	58		10	135
			2-Nitrophenol-d4	40	21.97	55		10	120
			2,4-Dichlorophenol-d3	40	22.91	57		10	140
			4-Chloroaniline-d4	40	13.28	33		1	145
			Dimethylphthalate-d6	40	22.76	57		10	145
			Acenaphthylene-d8	40	24.04	60		15	120
			4-Nitrophenol-d4	40	15.22	38		10	150
			Fluorene-d10	40	22.06	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.71	29		10	130
			Anthracene-d10	40	23.62	59		10	150
			Pyrene-d10	40	23.64	59		10	130
			Benzo(a)pyrene-d12	40	23.62	59		10	140

Surrogate Summary

SW-846

SDG No.: **BG060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2589-04DL	BH5W5DL	BG061478.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	14.92	37		20	120
			Phenol-d5	40	31.81	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.69	77		10	150
			2-Chlorophenol-d4	40	35.96	90		15	120
			4-Methylphenol-d8	40	31.19	78		10	140
			Nitrobenzene-d5	40	37.30	93		10	135
			2-Nitrophenol-d4	40	34.00	85		10	120
			2,4-Dichlorophenol-d3	40	37.18	93		10	140
			4-Chloroaniline-d4	40	10.95	27		1	145
			Dimethylphthalate-d6	40	36.91	92		10	145
			Acenaphthylene-d8	40	38.37	96		15	120
			4-Nitrophenol-d4	40	20.46	51		10	150
			Fluorene-d10	40	36.21	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.17	38		10	130
			Anthracene-d10	40	39.90	100		10	150
			Pyrene-d10	40	38.14	95		10	130
			Benzo(a)pyrene-d12	40	38.48	96		10	140
P2589-07DL	BH5W6DL	BG061479.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	15.05	38		20	120
			Phenol-d5	40	26.46	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.85	62		10	150
			2-Chlorophenol-d4	40	28.39	71		15	120
			4-Methylphenol-d8	40	24.20	60		10	140
			Nitrobenzene-d5	40	30.93	77		10	135
			2-Nitrophenol-d4	40	27.03	68		10	120
			2,4-Dichlorophenol-d3	40	31.31	78		10	140
			4-Chloroaniline-d4	40	8.96	22		1	145
			Dimethylphthalate-d6	40	34.29	86		10	145
			Acenaphthylene-d8	40	32.35	81		15	120
			4-Nitrophenol-d4	40	15.58	39		10	150
			Fluorene-d10	40	32.94	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.52	34		10	130
			Anthracene-d10	40	33.61	84		10	150
			Pyrene-d10	40	34.52	86		10	130
			Benzo(a)pyrene-d12	40	34.13	85		10	140
P2589-08DL	BH5W7DL	BG061480.D	1,4-Dioxane-d8	8	4.12	52		15	120
			Pyridine-d5	40	11.60	29		20	120
			Phenol-d5	40	22.41	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.41	61		10	150
			2-Chlorophenol-d4	40	24.87	62		15	120
			4-Methylphenol-d8	40	23.00	57		10	140
			Nitrobenzene-d5	40	29.32	73		10	135
			2-Nitrophenol-d4	40	27.68	69		10	120
			2,4-Dichlorophenol-d3	40	29.70	74		10	140
			4-Chloroaniline-d4	40	8.44	21		1	145
			Dimethylphthalate-d6	40	32.62	82		10	145
			Acenaphthylene-d8	40	30.58	76		15	120
			4-Nitrophenol-d4	40	21.28	53		10	150



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

Surrogate Summary

SW-846

SDG No.: BG060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2589-08DL	BH5W7DL	BG061480.D	Fluorene-d10	40	29.01	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.03	45		10	130
			Anthracene-d10	40	31.50	79		10	150
			Pyrene-d10	40	30.92	77		10	130
			Benzo(a)pyrene-d12	40	31.57	79		10	140
PB161139BL	PB161139BL	BG061461.D	Pyridine-d5	40	28.95	72		20	120
			1,4-Dioxane-d8	8	6.00	75		15	120
			Phenol-d5	40	31.52	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.64	79		10	150
			2-Chlorophenol-d4	40	34.03	85		15	120
			4-Methylphenol-d8	40	32.83	82		10	140
			Nitrobenzene-d5	40	35.86	90		10	135
			2-Nitrophenol-d4	40	35.47	89		10	120
			2,4-Dichlorophenol-d3	40	35.66	89		10	140
			4-Chloroaniline-d4	40	35.26	88		1	145
			Dimethylphthalate-d6	40	35.03	88		10	145
			Acenaphthylene-d8	40	36.00	90		15	120
			4-Nitrophenol-d4	40	25.91	65		10	150
			Fluorene-d10	40	35.17	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.76	67		10	130
			Anthracene-d10	40	37.80	94		10	150
			Pyrene-d10	40	35.88	90		10	130
			Benzo(a)pyrene-d12	40	37.43	94		10	140

Surrogate Summary

SW-846

SDG No.: **BG060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2590-07	BHBL3	BG061452.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	5.21	13	*	20	120
			Phenol-d5	40	20.28	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.86	50		10	150
			2-Chlorophenol-d4	40	21.36	53		15	120
			4-Methylphenol-d8	40	21.65	54		10	140
			Nitrobenzene-d5	40	24.76	62		10	135
			2-Nitrophenol-d4	40	24.27	61		10	120
			2,4-Dichlorophenol-d3	40	26.04	65		10	140
			4-Chloroaniline-d4	40	11.60	29		1	145
			Dimethylphthalate-d6	40	25.35	63		10	145
			Acenaphthylene-d8	40	26.62	67		15	120
			4-Nitrophenol-d4	40	13.42	34		10	150
			Fluorene-d10	40	26.28	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.22	46		10	130
			Anthracene-d10	40	25.90	65		10	150
			Pyrene-d10	40	26.81	67		10	130
			Benzo(a)pyrene-d12	40	26.96	67		10	140
P2590-09	BHBL5	BG061453.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Pyridine-d5	40	19.40	49		20	120
			Phenol-d5	40	20.60	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.05	55		10	150
			2-Chlorophenol-d4	40	22.75	57		15	120
			4-Methylphenol-d8	40	19.86	50		10	140
			Nitrobenzene-d5	40	26.09	65		10	135
			2-Nitrophenol-d4	40	25.88	65		10	120
			2,4-Dichlorophenol-d3	40	26.60	66		10	140
			4-Chloroaniline-d4	40	17.77	44		1	145
			Dimethylphthalate-d6	40	26.34	66		10	145
			Acenaphthylene-d8	40	27.09	68		15	120
			4-Nitrophenol-d4	40	18.47	46		10	150
			Fluorene-d10	40	27.15	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.88	52		10	130
			Anthracene-d10	40	26.95	67		10	150
			Pyrene-d10	40	27.78	69		10	130
			Benzo(a)pyrene-d12	40	28.28	71		10	140
P2590-10	BHBL6	BG061465.D	1,4-Dioxane-d8	8	1.87	23		15	120
			Pyridine-d5	40	1.74	4	*	20	120
			Phenol-d5	40	13.82	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.28	41		10	150
			2-Chlorophenol-d4	40	16.51	41		15	120
			4-Methylphenol-d8	40	10.55	26		10	140
			Nitrobenzene-d5	40	19.35	48		10	135
			2-Nitrophenol-d4	40	17.08	43		10	120
			2,4-Dichlorophenol-d3	40	18.08	45		10	140
			4-Chloroaniline-d4	40	8.52	21		1	145
			Dimethylphthalate-d6	40	18.59	46		10	145
			Acenaphthylene-d8	40	19.57	49		15	120
			4-Nitrophenol-d4	40	6.74	17		10	150

Surrogate Summary

SW-846

SDG No.: **BG060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2590-10	BHBL6	BG061465.D	Fluorene-d10	40	19.52	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.05	23		10	130
			Anthracene-d10	40	18.59	46		10	150
			Pyrene-d10	40	23.19	58		10	130
			Benzo(a)pyrene-d12	40	21.73	54		10	140
P2590-11	BHBL7	BG061454.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	9.64	24		20	120
			Phenol-d5	40	21.42	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.54	54		10	150
			2-Chlorophenol-d4	40	23.45	59		15	120
			4-Methylphenol-d8	40	21.06	53		10	140
			Nitrobenzene-d5	40	24.94	62		10	135
			2-Nitrophenol-d4	40	24.24	61		10	120
			2,4-Dichlorophenol-d3	40	25.11	63		10	140
			4-Chloroaniline-d4	40	12.57	31		1	145
			Dimethylphthalate-d6	40	23.63	59		10	145
			Acenaphthylene-d8	40	24.39	61		15	120
			4-Nitrophenol-d4	40	16.49	41		10	150
			Fluorene-d10	40	24.06	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.15	45		10	130
			Anthracene-d10	40	25.89	65		10	150
			Pyrene-d10	40	26.06	65		10	130
			Benzo(a)pyrene-d12	40	26.56	66		10	140
P2590-11DL	BHBL7DL	BG061476.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	13.85	35		20	120
			Phenol-d5	40	26.19	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.44	69		10	150
			2-Chlorophenol-d4	40	29.55	74		15	120
			4-Methylphenol-d8	40	25.11	63		10	140
			Nitrobenzene-d5	40	32.86	82		10	135
			2-Nitrophenol-d4	40	30.72	77		10	120
			2,4-Dichlorophenol-d3	40	30.14	75		10	140
			4-Chloroaniline-d4	40	14.13	35		1	145
			Dimethylphthalate-d6	40	30.37	76		10	145
			Acenaphthylene-d8	40	30.74	77		15	120
			4-Nitrophenol-d4	40	11.58	29		10	150
			Fluorene-d10	40	30.15	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	32.82	82		10	150
			Pyrene-d10	40	33.71	84		10	130
			Benzo(a)pyrene-d12	40	34.06	85		10	140
P2590-12	BHBL8	BG061466.D	1,4-Dioxane-d8	8	3.37	42		15	120
			Pyridine-d5	40	8.86	22		20	120
			Phenol-d5	40	24.08	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.16	63		10	150
			2-Chlorophenol-d4	40	27.89	70		15	120
			4-Methylphenol-d8	40	19.04	48		10	140
			Nitrobenzene-d5	40	27.59	69		10	135
			2-Nitrophenol-d4	40	26.61	67		10	120

Surrogate Summary

SW-846

SDG No.: **BG060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2590-12	BHBL8	BG061466.D	2,4-Dichlorophenol-d3	40	26.85	67		10	140
			4-Chloroaniline-d4	40	10.64	27		1	145
			Dimethylphthalate-d6	40	25.03	63		10	145
			Acenaphthylene-d8	40	26.43	66		15	120
			4-Nitrophenol-d4	40	17.17	43		10	150
			Fluorene-d10	40	25.28	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.06	43		10	130
			Anthracene-d10	40	25.16	63		10	150
			Pyrene-d10	40	26.64	67		10	130
			Benzo(a)pyrene-d12	40	26.85	67		10	140
			Pyridine-d5	40	10.27	26		20	120
			1,4-Dioxane-d8	8	3.63	45		15	120
			Phenol-d5	40	23.81	60		10	130
P2590-13	BHBL9	BG061455.D	Bis(2-Chloroethyl)ether-d8	40	23.99	60		10	150
			2-Chlorophenol-d4	40	26.52	66		15	120
			4-Methylphenol-d8	40	24.08	60		10	140
			Nitrobenzene-d5	40	27.91	70		10	135
			2-Nitrophenol-d4	40	27.61	69		10	120
			2,4-Dichlorophenol-d3	40	28.03	70		10	140
			4-Chloroaniline-d4	40	16.92	42		1	145
			Dimethylphthalate-d6	40	27.73	69		10	145
			Acenaphthylene-d8	40	28.88	72		15	120
			4-Nitrophenol-d4	40	18.32	46		10	150
			Fluorene-d10	40	28.34	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.27	53		10	130
			Anthracene-d10	40	28.12	70		10	150
			Pyrene-d10	40	29.03	73		10	130
			Benzo(a)pyrene-d12	40	29.63	74		10	140
			1,4-Dioxane-d8	8	4.51	56		15	120
			Pyridine-d5	40	11.48	29		20	120
P2590-14	BHBM0	BG061467.D	Phenol-d5	40	25.69	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.39	66		10	150
			2-Chlorophenol-d4	40	28.22	71		15	120
			4-Methylphenol-d8	40	18.50	46		10	140
			Nitrobenzene-d5	40	32.94	82		10	135
			2-Nitrophenol-d4	40	29.22	73		10	120
			2,4-Dichlorophenol-d3	40	28.80	72		10	140
			4-Chloroaniline-d4	40	10.33	26		1	145
			Dimethylphthalate-d6	40	29.32	73		10	145
			Acenaphthylene-d8	40	30.67	77		15	120
			4-Nitrophenol-d4	40	16.59	41		10	150
			Fluorene-d10	40	29.33	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.82	45		10	130
			Anthracene-d10	40	27.56	69		10	150
			Pyrene-d10	40	30.22	76		10	130
			Benzo(a)pyrene-d12	40	30.76	77		10	140
			1,4-Dioxane-d8	8	3.43	43		15	120
P2590-17	BHBM1	BG061459.D	Pyridine-d5	40	5.32	13	*	20	120
			Phenol-d5	40	14.53	36		10	130

Surrogate Summary

SW-846

SDG No.: **BG060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2590-17	BHBM1	BG061459.D	Bis(2-Chloroethyl)ether-d8	40	14.96	37		10	150
			2-Chlorophenol-d4	40	16.11	40		15	120
			4-Methylphenol-d8	40	11.45	29		10	140
			Nitrobenzene-d5	40	17.14	43		10	135
			2-Nitrophenol-d4	40	16.41	41		10	120
			2,4-Dichlorophenol-d3	40	16.84	42		10	140
			4-Chloroaniline-d4	40	4.95	12		1	145
			Dimethylphthalate-d6	40	17.18	43		10	145
			Acenaphthylene-d8	40	17.03	43		15	120
			4-Nitrophenol-d4	40	10.41	26		10	150
			Fluorene-d10	40	17.24	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.11	25		10	130
			Anthracene-d10	40	17.88	45		10	150
			Pyrene-d10	40	18.51	46		10	130
			Benzo(a)pyrene-d12	40	18.62	47		10	140
P2590-18	BHBM2	BG061468.D	1,4-Dioxane-d8	8	2.98	37		15	120
			Pyridine-d5	40	11.84	30		20	120
			Phenol-d5	40	21.38	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.83	47		10	150
			2-Chlorophenol-d4	40	21.27	53		15	120
			4-Methylphenol-d8	40	18.95	47		10	140
			Nitrobenzene-d5	40	22.28	56		10	135
			2-Nitrophenol-d4	40	22.85	57		10	120
			2,4-Dichlorophenol-d3	40	23.26	58		10	140
			4-Chloroaniline-d4	40	17.75	44		1	145
			Dimethylphthalate-d6	40	25.33	63		10	145
			Acenaphthylene-d8	40	25.28	63		15	120
			4-Nitrophenol-d4	40	15.92	40		10	150
			Fluorene-d10	40	25.14	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.52	44		10	130
			Anthracene-d10	40	24.22	61		10	150
			Pyrene-d10	40	26.58	66		10	130
P2590-19	BHBM3	BG061469.D	Benzo(a)pyrene-d12	40	27.38	68		10	140
			1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	6.38	16	*	20	120
			Phenol-d5	40	22.01	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.98	57		10	150
			2-Chlorophenol-d4	40	23.26	58		15	120
			4-Methylphenol-d8	40	21.59	54		10	140
			Nitrobenzene-d5	40	26.95	67		10	135
			2-Nitrophenol-d4	40	27.25	68		10	120
			2,4-Dichlorophenol-d3	40	27.22	68		10	140
			4-Chloroaniline-d4	40	7.05	18		1	145
			Dimethylphthalate-d6	40	29.02	73		10	145
			Acenaphthylene-d8	40	28.49	71		15	120
			4-Nitrophenol-d4	40	23.24	58		10	150
			Fluorene-d10	40	29.32	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.25	58		10	130
			Anthracene-d10	40	30.97	77		10	150

Surrogate Summary

SW-846

SDG No.: **BG060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2590-19	BHBM3	BG061469.D	Pyrene-d10	40	32.43	81		10	130
			Benzo(a)pyrene-d12	40	35.78	89		10	140
P2590-20	BHBM4	BG061464.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Pyridine-d5	40	8.47	21		20	120
			Phenol-d5	40	20.81	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.37	51		10	150
			2-Chlorophenol-d4	40	22.05	55		15	120
			4-Methylphenol-d8	40	20.19	50		10	140
			Nitrobenzene-d5	40	23.39	58		10	135
			2-Nitrophenol-d4	40	23.22	58		10	120
			2,4-Dichlorophenol-d3	40	23.91	60		10	140
			4-Chloroaniline-d4	40	15.82	40		1	145
			Dimethylphthalate-d6	40	23.77	59		10	145
			Acenaphthylene-d8	40	25.04	63		15	120
			4-Nitrophenol-d4	40	18.98	47		10	150
			Fluorene-d10	40	22.17	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.29	41		10	130
			Anthracene-d10	40	24.17	60		10	150
			Pyrene-d10	40	24.59	61		10	130
			Benzo(a)pyrene-d12	40	25.70	64		10	140
P2590-21	BHBM5	BG061457.D	1,4-Dioxane-d8	8	3.37	42		15	120
			Pyridine-d5	40	6.63	17	*	20	120
			Phenol-d5	40	25.28	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.53	61		10	150
			2-Chlorophenol-d4	40	27.39	68		15	120
			4-Methylphenol-d8	40	24.09	60		10	140
			Nitrobenzene-d5	40	25.75	64		10	135
			2-Nitrophenol-d4	40	27.11	68		10	120
			2,4-Dichlorophenol-d3	40	27.99	70		10	140
			4-Chloroaniline-d4	40	3.54	9		1	145
			Dimethylphthalate-d6	40	27.11	68		10	145
			Acenaphthylene-d8	40	28.61	72		15	120
			4-Nitrophenol-d4	40	21.77	54		10	150
			Fluorene-d10	40	28.09	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.64	54		10	130
			Anthracene-d10	40	30.97	77		10	150
			Pyrene-d10	40	30.45	76		10	130
			Benzo(a)pyrene-d12	40	30.22	76		10	140
P2590-22	BHBM6	BG061458.D	1,4-Dioxane-d8	8	3.64	45		15	120
			Pyridine-d5	40	7.39	18	*	20	120
			Phenol-d5	40	26.45	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.73	64		10	150
			2-Chlorophenol-d4	40	28.98	72		15	120
			4-Methylphenol-d8	40	24.69	62		10	140
			Nitrobenzene-d5	40	28.34	71		10	135
			2-Nitrophenol-d4	40	28.12	70		10	120
			2,4-Dichlorophenol-d3	40	29.08	73		10	140
			4-Chloroaniline-d4	40	12.89	32		1	145
			Dimethylphthalate-d6	40	27.95	70		10	145

Surrogate Summary

SW-846

SDG No.: **BG060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2590-22	BHBM6	BG061458.D	Acenaphthylene-d8	40	29.62	74		15	120
			4-Nitrophenol-d4	40	17.39	43		10	150
			Fluorene-d10	40	28.53	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.38	48		10	130
			Anthracene-d10	40	30.13	75		10	150
			Pyrene-d10	40	29.21	73		10	130
			Benzo(a)pyrene-d12	40	29.92	75		10	140
PB161141BL	PB161141BL	BG061451.D	Pyridine-d5	40	25.16	63		20	120
			1,4-Dioxane-d8	8	5.57	70		15	120
			Phenol-d5	40	25.32	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.62	67		10	150
			2-Chlorophenol-d4	40	26.72	67		15	120
			4-Methylphenol-d8	40	29.78	74		10	140
			Nitrobenzene-d5	40	31.32	78		10	135
			2-Nitrophenol-d4	40	31.05	78		10	120
			2,4-Dichlorophenol-d3	40	29.65	74		10	140
			4-Chloroaniline-d4	40	31.74	79		1	145
			Dimethylphthalate-d6	40	33.17	83		10	145
			Acenaphthylene-d8	40	31.27	78		15	120
			4-Nitrophenol-d4	40	27.93	70		10	150
			Fluorene-d10	40	31.99	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.61	67		10	130
			Anthracene-d10	40	32.41	81		10	150
			Pyrene-d10	40	32.38	81		10	130
			Benzo(a)pyrene-d12	40	32.32	81		10	140
			1,4-Dioxane-d8	8	7.89	99		15	120
			Pyridine-d5	40	35.36	88		20	120
PB161141BS	PB161141BS	BG061473.D	Phenol-d5	40	36.13	90		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.90	87		10	150
			2-Chlorophenol-d4	40	38.66	97		15	120
			4-Methylphenol-d8	40	36.71	92		10	140
			Nitrobenzene-d5	40	38.01	95		10	135
			2-Nitrophenol-d4	40	38.67	97		10	120
			2,4-Dichlorophenol-d3	40	40.35	101		10	140
			4-Chloroaniline-d4	40	35.10	88		1	145
			Dimethylphthalate-d6	40	37.51	94		10	145
			Acenaphthylene-d8	40	39.25	98		15	120
			4-Nitrophenol-d4	40	33.23	83		10	150
			Fluorene-d10	40	38.41	96		20	140
			4,6-Dinitro-2-methylphenol-d2	40	35.69	89		10	130
			Anthracene-d10	40	39.01	98		10	150
			Pyrene-d10	40	38.62	97		10	130
			Benzo(a)pyrene-d12	40	41.29	103		10	140



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

Surrogate Summary

SW-846

SDG No.: BG060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2577-18DL	BHBW4DL	BG061456.D	Pyridine-d5	40	12.15	30		20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	27.30	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.72	74		10	150
			2-Chlorophenol-d4	40	30.80	77		15	120
			4-Methylphenol-d8	40	28.37	71		10	140
			Nitrobenzene-d5	40	31.11	78		10	135
			2-Nitrophenol-d4	40	31.23	78		10	120
			2,4-Dichlorophenol-d3	40	31.79	79		10	140
			4-Chloroaniline-d4	40	12.92	32		1	145
			Dimethylphthalate-d6	40	33.47	84		10	145
			Acenaphthylene-d8	40	32.68	82		15	120
			4-Nitrophenol-d4	40	22.39	56		10	150
			Fluorene-d10	40	33.91	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.50	26		10	130
			Anthracene-d10	40	38.05	95		10	150
			Pyrene-d10	40	32.53	81		10	130
			Benzo(a)pyrene-d12	40	27.66	69		10	140

Surrogate Summary

SW-846

SDG No.: **BG060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2591-07	BH5T0	BG061470.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Pyridine-d5	40	15.84	40		20	120
			Phenol-d5	40	20.61	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.61	49		10	150
			2-Chlorophenol-d4	40	22.18	55		15	120
			4-Methylphenol-d8	40	20.88	52		10	140
			Nitrobenzene-d5	40	24.04	60		10	135
			2-Nitrophenol-d4	40	23.60	59		10	120
			2,4-Dichlorophenol-d3	40	24.44	61		10	140
			4-Chloroaniline-d4	40	20.32	51		1	145
			Dimethylphthalate-d6	40	23.70	59		10	145
			Acenaphthylene-d8	40	24.77	62		15	120
			4-Nitrophenol-d4	40	18.14	45		10	150
			Fluorene-d10	40	23.84	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.03	40		10	130
			Anthracene-d10	40	25.29	63		10	150
			Pyrene-d10	40	24.15	60		10	130
			Benzo(a)pyrene-d12	40	25.37	63		10	140
P2591-08	BH5T1	BG061471.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Pyridine-d5	40	11.96	30		20	120
			Phenol-d5	40	20.27	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.14	50		10	150
			2-Chlorophenol-d4	40	22.10	55		15	120
			4-Methylphenol-d8	40	20.29	51		10	140
			Nitrobenzene-d5	40	22.88	57		10	135
			2-Nitrophenol-d4	40	22.98	57		10	120
			2,4-Dichlorophenol-d3	40	22.88	57		10	140
			4-Chloroaniline-d4	40	19.55	49		1	145
			Dimethylphthalate-d6	40	22.70	57		10	145
			Acenaphthylene-d8	40	23.24	58		15	120
			4-Nitrophenol-d4	40	18.35	46		10	150
			Fluorene-d10	40	24.12	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.70	37		10	130
			Anthracene-d10	40	23.88	60		10	150
			Pyrene-d10	40	23.17	58		10	130
			Benzo(a)pyrene-d12	40	24.49	61		10	140
P2591-09	BH5T2	BG061472.D	1,4-Dioxane-d8	8	3.87	48		15	120
			Pyridine-d5	40	6.97	17	*	20	120
			Phenol-d5	40	20.57	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.13	50		10	150
			2-Chlorophenol-d4	40	23.17	58		15	120
			4-Methylphenol-d8	40	18.16	45		10	140
			Nitrobenzene-d5	40	21.29	53		10	135
			2-Nitrophenol-d4	40	21.84	55		10	120
			2,4-Dichlorophenol-d3	40	22.26	56		10	140
			4-Chloroaniline-d4	40	14.27	36		1	145
			Dimethylphthalate-d6	40	22.60	56		10	145
			Acenaphthylene-d8	40	23.58	59		15	120
			4-Nitrophenol-d4	40	18.70	47		10	150

Surrogate Summary

SW-846

SDG No.: BG060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2591-09	BH5T2	BG061472.D	Fluorene-d10	40	22.89	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.38	36		10	130
			Anthracene-d10	40	23.98	60		10	150
			Pyrene-d10	40	21.34	53		10	130
			Benzo(a)pyrene-d12	40	17.47	44		10	140
PB161200BL	PB161200BL	BG061475.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Pyridine-d5	40	24.23	61		20	120
			Phenol-d5	40	27.55	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.34	68		10	150
			2-Chlorophenol-d4	40	29.91	75		15	120
			4-Methylphenol-d8	40	27.12	68		10	140
			Nitrobenzene-d5	40	30.79	77		10	135
			2-Nitrophenol-d4	40	31.34	78		10	120
			2,4-Dichlorophenol-d3	40	30.28	76		10	140
			4-Chloroaniline-d4	40	30.19	75		1	145
			Dimethylphthalate-d6	40	30.46	76		10	145
			Acenaphthylene-d8	40	31.63	79		15	120
			4-Nitrophenol-d4	40	24.28	61		10	150
			Fluorene-d10	40	28.33	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.95	55		10	130
			Anthracene-d10	40	33.56	84		10	150
			Pyrene-d10	40	31.38	78		10	130
			Benzo(a)pyrene-d12	40	33.74	84		10	140

Surrogate Summary

SW-846

SDG No.: BG060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2669-05	SVOC-GPC-BLANBG061462.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140



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

Surrogate Summary

SW-846

SDG No.: BG060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2669-10	SVOC-GPC2-BLA1BG061463.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG060424

Lab Code: CHEM

SAS No.: BG060424

SDG NO.: BG060424

Lab File ID: BG061449.D

DFTPP Injection Date: 06/04/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.3
68	Less than 2.0% of mass 69	0.3 (1.1) 1
69	Mass 69 relative abundance	30.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	36.8
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	34
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	95.9
443	15.0 - 24.0% of mass 442	18.7 (19.5) 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
SSTD020513	SSTDCCC020	BG061450.D	06/04/2024	11:23
SBLK141	PB161141BL	BG061451.D	06/04/2024	12:04
BHBL3	P2590-07	BG061452.D	06/04/2024	12:44
BHBL5	P2590-09	BG061453.D	06/04/2024	13:26
BHBL7	P2590-11	BG061454.D	06/04/2024	14:07
BHBL9	P2590-13	BG061455.D	06/04/2024	14:49
BHBW4DL	P2577-18DL	BG061456.D	06/04/2024	15:30
BHBM5	P2590-21	BG061457.D	06/04/2024	16:12
BHBM6	P2590-22	BG061458.D	06/04/2024	16:53
BHBM1	P2590-17	BG061459.D	06/04/2024	17:34
SSTD020514	SSTDCCC020	BG061460.D	06/04/2024	18:15
SBLK139	PB161139BL	BG061461.D	06/04/2024	18:58
SVOC-GPC-BLANK	P2669-05	BG061462.D	06/04/2024	19:40
SVOC-GPC2-BLANK	P2669-10	BG061463.D	06/04/2024	20:21
BHBM4	P2590-20	BG061464.D	06/04/2024	21:02
BHBL6	P2590-10	BG061465.D	06/04/2024	21:43
BHBL8	P2590-12	BG061466.D	06/04/2024	22:25
BHBM0	P2590-14	BG061467.D	06/04/2024	23:06

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG060424

Lab Code: CHEM

SAS No.: BG060424

SDG NO.: BG060424

Lab File ID: BG061449.D

DFTPP Injection Date: 06/04/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.3
68	Less than 2.0% of mass 69	0.3 (1.1) 1
69	Mass 69 relative abundance	30.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	36.8
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	34
365	Greater than 1% of mass 198	5.2
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	95.9
443	15.0 - 24.0% of mass 442	18.7 (19.5) 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
BHBM2	P2590-18	BG061468.D	06/04/2024	23:47
BHBM3	P2590-19	BG061469.D	06/05/2024	00:28
BH5T0	P2591-07	BG061470.D	06/05/2024	01:09
BH5T1	P2591-08	BG061471.D	06/05/2024	01:50
BH5T2	P2591-09	BG061472.D	06/05/2024	02:31
SLCS141	PB161141BS	BG061473.D	06/05/2024	03:12
SSTD020515	SSTDCCC020	BG061474.D	06/05/2024	04:33
SBLK200	PB161200BL	BG061475.D	06/05/2024	05:14
BHBL7DL	P2590-11DL	BG061476.D	06/05/2024	05:55
BH629DL	P2549-13DL	BG061477.D	06/05/2024	06:36
BH5W5DL	P2589-04DL	BG061478.D	06/05/2024	07:17
BH5W6DL	P2589-07DL	BG061479.D	06/05/2024	07:58
BH5W7DL	P2589-08DL	BG061480.D	06/05/2024	08:39