

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG060624 SAS No.: BG060624 SDG No.: BG060624
Instrument ID: BNA_G Calibration Date/Time: 6/6/2024 12:10:36
Lab File ID: BG061504.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020519 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	0.391	0.010	-8.8349	40.0
Benzaldehyde	0.859	0.655	0.010	-23.7322	40.0
Pyridine	1.258	1.005	0.010	-20.0889	40.0
Phenol	1.673	1.388	0.080	-17.0696	20.0
Bis(2-Chloroethyl)ether	1.224	1.067	0.100	-12.8587	20.0
2-Chlorophenol	1.285	1.184	0.200	-7.8658	20.0
2-Methylphenol	1.297	1.081	0.010	-16.6796	20.0
2,2-oxybis(1-Chloropropane)	3.306	2.506	0.010	-24.1944	40.0
Acetophenone	2.390	1.886	0.060	-21.071	20.0
4-Methylphenol	1.437	1.163	0.010	-19.0506	20.0
N-Nitroso-di-n-propylamine	1.314	0.957	0.050	-27.2005	30.0
Hexachloroethane	0.572	0.562	0.100	-1.6926	20.0
Nitrobenzene	0.422	0.429	0.050	1.4985	25.0
Isophorone	0.859	0.734	0.050	-14.6187	25.0
2-Nitrophenol	0.196	0.201	0.050	2.9052	25.0
2,4-Dimethylphenol	0.388	0.376	0.050	-2.8901	25.0
Bis(2-Chloroethoxy)methane	0.431	0.418	0.050	-3.0273	20.0
2,4-Dichlorophenol	0.324	0.343	0.060	6.1467	20.0
Naphthalene	1.056	1.088	0.200	3.0209	20.0
4-Chloroaniline	0.457	0.414	0.010	-9.3494	40.0
Hexachlorobutadiene	0.316	0.383	0.040	21.0476	30.0
Caprolactam	0.124	0.099	0.010	-20.4107	40.0
4-Chloro-3-methylphenol	0.418	0.352	0.040	-15.7466	25.0
1-Methylnaphthalene	0.786	0.724	0.100	-7.8308	20.0
2-Methylnaphthalene	0.766	0.730	0.100	-4.6929	20.0
Hexachlorocyclopentadiene	0.298	0.304	0.010	1.9965	40.0
2,4,6-Trichlorophenol	0.372	0.432	0.090	16.219	25.0
2,4,5-Trichlorophenol	0.392	0.432	0.100	10.347	25.0
1,1-Biphenyl	1.293	1.420	0.200	9.8016	20.0
2-Chloronaphthalene	1.018	1.157	0.300	13.7064	20.0
2-Nitroaniline	0.420	0.385	0.050	-8.2348	40.0
Dimethylphthalate	1.617	1.532	0.300	-5.212	20.0
2,6-Dinitrotoluene	0.317	0.316	0.080	-0.379	30.0
Acenaphthylene	1.788	1.871	0.400	4.6288	20.0
3-Nitroaniline	0.275	0.250	0.010	-8.9595	40.0
Acenaphthene	1.173	1.249	0.200	6.4447	20.0
2,4-Dinitrophenol	0.168	0.134	0.010	-20.5881	40.0
4-Nitrophenol	0.225	0.178	0.010	-21.1692	40.0
Dibenzofuran	1.677	1.707	0.300	1.7941	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG060624 SAS No.: BG060624 SDG No.: BG060624

Instrument ID: BNA_G Calibration Date/Time: 6/6/2024 12:10:36

Lab File ID: BG061504.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020519 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	0.450	0.070	-6.7992	30.0
Diethylphthalate	1.597	1.457	0.300	-8.7556	20.0
Fluorene	1.451	1.456	0.200	0.3445	20.0
4-Chlorophenyl-phenylether	0.851	0.879	0.100	3.319	20.0
4-Nitroaniline	0.287	0.253	0.010	-11.6891	40.0
4,6-Dinitro-2-methylphenol	0.127	0.113	0.010	-10.8086	40.0
N-Nitrosodiphenylamine	0.503	0.538	0.050	6.9804	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.833	0.100	26.1956	20.0
4-Bromophenyl-phenylether	0.237	0.262	0.070	10.7395	20.0
Hexachlorobenzene	0.263	0.289	0.050	9.5948	25.0
Atrazine	0.199	0.188	0.010	-5.3829	25.0
Pentachlorophenol	0.092	0.079	0.010	-14.0851	40.0
Phenanthrene	0.971	0.995	0.200	2.4831	20.0
Pentachlorobenzene	0.292	0.351	0.050	20.0676	20.0
Anthracene	1.004	1.035	0.200	3.0885	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.345	0.050	30.6021	20.0
Carbazole	0.816	0.829	0.050	1.552	40.0
Di-n-butylphthalate	1.023	1.037	0.500	1.3749	25.0
Fluoranthene	1.232	1.228	0.400	-0.3527	25.0
Pyrene	1.279	1.253	0.400	-2.0271	25.0
Butylbenzylphthalate	0.439	0.435	0.100	-1.0373	40.0
3,3-Dichlorobenzidine	0.425	0.457	0.010	7.59	40.0
Benzo (a) anthracene	1.380	1.403	0.300	1.6418	30.0
Chrysene	1.271	1.299	0.200	2.2389	30.0
Bis(2-ethylhexyl)phthalate	0.650	0.636	0.200	-2.203	40.0
Di-n-octyl phthalate	1.001	0.967	0.010	-3.4018	40.0
Benzo (b) fluoranthene	1.191	1.225	0.200	2.8593	25.0
Benzo (k) fluoranthene	1.209	1.213	0.200	0.317	25.0
Benzo (a) pyrene	1.131	1.153	0.200	1.9861	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.395	0.200	2.0499	25.0
Dibenzo (a,h) anthracene	1.128	1.144	0.200	1.4967	30.0
Benzo (g,h,i) perylene	1.088	1.087	0.200	-0.1183	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.352	0.040	-1.4321	20.0
1,4-Dioxane-d8	0.357	0.377	0.010	5.4	25.0
Pyridine-d5	1.271	1.049	0.010	-17.4923	40.0
Phenol-d5	1.642	1.374	0.010	-16.3592	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.846	0.050	-18.0717	25.0
2-Chlorophenol-d4	1.216	1.142	0.200	-6.0712	20.0
4-Methylphenol-d8	1.400	1.145	0.010	-18.2217	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG060624 SAS No.: BG060624 SDG No.: BG060624

Instrument ID: BNA_G Calibration Date/Time: 6/6/2024 12:10:36

Lab File ID: BG061504.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020519 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	5.65	20.0
2-Nitrophenol-d4	0.180	0.193	0.050	6.9233	30.0
2,4-Dichlorophenol-d3	0.351	0.373	0.060	6.2673	20.0
4-Chloroaniline-d4	0.460	0.419	0.010	-8.7792	40.0
Dimethylphthalate-d6	1.551	1.515	0.300	-2.3281	20.0
Acenaphthylene-d8	1.613	1.666	0.400	3.3225	20.0
4-Nitrophenol-d4	0.192	0.137	0.010	-28.4845	40.0
Fluorene-d10	1.339	1.356	0.100	1.2347	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.108	0.010	-10.7394	40.0
Anthracene-d10	0.882	0.922	0.300	4.5209	20.0
Pyrene-d10	1.027	1.027	0.300	-0.0088	25.0
Benzo(a)pyrene-d12	0.962	0.994	0.010	3.3377	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.: BG060624 SAS No.: BG060624 SDG No.: BG060624

Instrument ID: BNA_G Calibration Date/Time: 6/6/2024 12:17:42

Lab File ID: BG061514.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020520 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	-0.7675	40.0
Benzaldehyde	0.859	0.707	0.010	-17.635	40.0
Pyridine	1.258	1.010	0.010	-19.653	40.0
Phenol	1.673	1.470	0.080	-12.1619	20.0
Bis(2-Chloroethyl)ether	1.224	1.110	0.100	-9.3243	20.0
2-Chlorophenol	1.285	1.229	0.200	-4.3217	20.0
2-Methylphenol	1.297	1.099	0.010	-15.2424	20.0
2,2-oxybis(1-Chloropropane)	3.306	2.431	0.010	-26.4617	40.0
Acetophenone	2.390	1.994	0.060	-16.57	20.0
4-Methylphenol	1.437	1.204	0.010	-16.2045	20.0
N-Nitroso-di-n-propylamine	1.314	0.974	0.050	-25.8763	30.0
Hexachloroethane	0.572	0.567	0.100	-0.8475	20.0
Nitrobenzene	0.422	0.413	0.050	-2.2373	25.0
Isophorone	0.859	0.718	0.050	-16.4011	25.0
2-Nitrophenol	0.196	0.200	0.050	2.2051	25.0
2,4-Dimethylphenol	0.388	0.377	0.050	-2.8157	25.0
Bis(2-Chloroethoxy)methane	0.431	0.415	0.050	-3.6225	20.0
2,4-Dichlorophenol	0.324	0.347	0.060	7.1492	20.0
Naphthalene	1.056	1.077	0.200	1.9781	20.0
4-Chloroaniline	0.457	0.406	0.010	-11.116	40.0
Hexachlorobutadiene	0.316	0.377	0.040	19.081	30.0
Caprolactam	0.124	0.105	0.010	-14.8566	40.0
4-Chloro-3-methylphenol	0.418	0.360	0.040	-14.0265	25.0
1-Methylnaphthalene	0.786	0.736	0.100	-6.2713	20.0
2-Methylnaphthalene	0.766	0.721	0.100	-5.8382	20.0
Hexachlorocyclopentadiene	0.298	0.279	0.010	-6.238	40.0
2,4,6-Trichlorophenol	0.372	0.439	0.090	18.0579	25.0
2,4,5-Trichlorophenol	0.392	0.446	0.100	13.9026	25.0
1,1-Biphenyl	1.293	1.426	0.200	10.2991	20.0
2-Chloronaphthalene	1.018	1.124	0.300	10.4421	20.0
2-Nitroaniline	0.420	0.387	0.050	-7.7654	40.0
Dimethylphthalate	1.617	1.545	0.300	-4.4633	20.0
2,6-Dinitrotoluene	0.317	0.316	0.080	-0.3638	30.0
Acenaphthylene	1.788	1.829	0.400	2.277	20.0
3-Nitroaniline	0.275	0.263	0.010	-4.4857	40.0
Acenaphthene	1.173	1.229	0.200	4.7909	20.0
2,4-Dinitrophenol	0.168	0.158	0.010	-6.1152	40.0
4-Nitrophenol	0.225	0.212	0.010	-5.8588	40.0
Dibenzofuran	1.677	1.689	0.300	0.6784	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG060624 SAS No.: BG060624 SDG No.: BG060624

Instrument ID: BNA_G Calibration Date/Time: 6/6/2024 12:17:42

Lab File ID: BG061514.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020520 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	0.452	0.070	-6.3048	30.0
Diethylphthalate	1.597	1.422	0.300	-10.9067	20.0
Fluorene	1.451	1.418	0.200	-2.3043	20.0
4-Chlorophenyl-phenylether	0.851	0.863	0.100	1.3657	20.0
4-Nitroaniline	0.287	0.272	0.010	-5.0581	40.0
4,6-Dinitro-2-methylphenol	0.127	0.113	0.010	-11.1275	40.0
N-Nitrosodiphenylamine	0.503	0.532	0.050	5.8578	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.828	0.100	25.3349	20.0
4-Bromophenyl-phenylether	0.237	0.269	0.070	13.6529	20.0
Hexachlorobenzene	0.263	0.298	0.050	12.9835	25.0
Atrazine	0.199	0.193	0.010	-2.8025	25.0
Pentachlorophenol	0.092	0.096	0.010	4.4464	40.0
Phenanthrene	0.971	1.004	0.200	3.4343	20.0
Pentachlorobenzene	0.292	0.352	0.050	20.505	20.0
Anthracene	1.004	1.030	0.200	2.6696	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.355	0.050	34.2116	20.0
Carbazole	0.816	0.846	0.050	3.5734	40.0
Di-n-butylphthalate	1.023	1.038	0.500	1.4891	25.0
Fluoranthene	1.232	1.216	0.400	-1.3232	25.0
Pyrene	1.279	1.260	0.400	-1.4344	25.0
Butylbenzylphthalate	0.439	0.432	0.100	-1.7072	40.0
3,3-Dichlorobenzidine	0.425	0.411	0.010	-3.2218	40.0
Benzo (a) anthracene	1.380	1.408	0.300	2.0465	30.0
Chrysene	1.271	1.305	0.200	2.7328	30.0
Bis (2-ethylhexyl) phthalate	0.650	0.634	0.200	-2.5661	40.0
Di-n-octyl phthalate	1.001	0.970	0.010	-3.0807	40.0
Benzo (b) fluoranthene	1.191	1.238	0.200	3.9551	25.0
Benzo (k) fluoranthene	1.209	1.206	0.200	-0.2535	25.0
Benzo (a) pyrene	1.131	1.158	0.200	2.4121	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.386	0.200	1.3904	25.0
Dibenzo (a,h) anthracene	1.128	1.165	0.200	3.2861	30.0
Benzo (g,h,i) perylene	1.088	1.072	0.200	-1.4717	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.365	0.040	2.0814	20.0
1,4-Dioxane-d8	0.357	0.372	0.010	3.9854	25.0
Pyridine-d5	1.271	1.098	0.010	-13.6496	40.0
Phenol-d5	1.642	1.421	0.010	-13.4596	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.906	0.050	-12.2329	25.0
2-Chlorophenol-d4	1.216	1.185	0.200	-2.4876	20.0
4-Methylphenol-d8	1.400	1.184	0.010	-15.4886	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG060624 SAS No.: BG060624 SDG No.: BG060624

Instrument ID: BNA_G Calibration Date/Time: 6/6/2024 12:17:42

Lab File ID: BG061514.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020520 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.160	0.050	3.8123	20.0
2-Nitrophenol-d4	0.180	0.189	0.050	4.9873	30.0
2,4-Dichlorophenol-d3	0.351	0.376	0.060	6.8875	20.0
4-Chloroaniline-d4	0.460	0.412	0.010	-10.2746	40.0
Dimethylphthalate-d6	1.551	1.491	0.300	-3.8984	20.0
Acenaphthylene-d8	1.613	1.646	0.400	2.053	20.0
4-Nitrophenol-d4	0.192	0.149	0.010	-22.2584	40.0
Fluorene-d10	1.339	1.337	0.100	-0.1356	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.107	0.010	-11.3871	40.0
Anthracene-d10	0.882	0.925	0.300	4.8721	20.0
Pyrene-d10	1.027	1.030	0.300	0.2802	25.0
Benzo(a)pyrene-d12	0.962	0.990	0.010	2.9169	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.: BG060624 SAS No.: BG060624 SDG No.: BG060624

Instrument ID: BNA_G Calibration Date/Time: 6/7/2024 12:04:42

Lab File ID: BG061529.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020521 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	0.397	0.010	-7.4703	50.0
Benzaldehyde	0.859	0.700	0.010	-18.4915	50.0
Pyridine	1.258	0.990	0.010	-21.2943	50.0
Phenol	1.673	1.436	0.080	-14.2035	50.0
Bis(2-Chloroethyl)ether	1.224	1.073	0.100	-12.3044	50.0
2-Chlorophenol	1.285	1.226	0.200	-4.532	50.0
2-Methylphenol	1.297	1.090	0.010	-15.9595	50.0
2,2-oxybis(1-Chloropropane)	3.306	2.388	0.010	-27.7753	50.0
Acetophenone	2.390	1.882	0.060	-21.2425	50.0
4-Methylphenol	1.437	1.168	0.010	-18.745	50.0
N-Nitroso-di-n-propylamine	1.314	0.946	0.050	-27.9915	50.0
Hexachloroethane	0.572	0.571	0.100	-0.0776	50.0
Nitrobenzene	0.422	0.423	0.050	0.1803	50.0
Isophorone	0.859	0.729	0.050	-15.1339	50.0
2-Nitrophenol	0.196	0.197	0.050	0.6518	50.0
2,4-Dimethylphenol	0.388	0.372	0.050	-4.0188	50.0
Bis(2-Chloroethoxy)methane	0.431	0.413	0.050	-4.1185	50.0
2,4-Dichlorophenol	0.324	0.347	0.060	7.2481	50.0
Naphthalene	1.056	1.077	0.200	2.0587	50.0
4-Chloroaniline	0.457	0.409	0.010	-10.5543	50.0
Hexachlorobutadiene	0.316	0.393	0.040	24.3274	50.0
Caprolactam	0.124	0.101	0.010	-18.4379	50.0
4-Chloro-3-methylphenol	0.418	0.353	0.040	-15.5974	50.0
1-Methylnaphthalene	0.786	0.742	0.100	-5.5162	50.0
2-Methylnaphthalene	0.766	0.735	0.100	-4.0296	50.0
Hexachlorocyclopentadiene	0.298	0.170	0.010	-42.9181	50.0
2,4,6-Trichlorophenol	0.372	0.460	0.090	23.6784	50.0
2,4,5-Trichlorophenol	0.392	0.479	0.100	22.4044	50.0
1,1-Biphenyl	1.293	1.421	0.200	9.8406	50.0
2-Chloronaphthalene	1.018	1.140	0.300	11.9992	50.0
2-Nitroaniline	0.420	0.381	0.050	-9.2118	50.0
Dimethylphthalate	1.617	1.520	0.300	-5.9927	50.0
2,6-Dinitrotoluene	0.317	0.319	0.080	0.5144	50.0
Acenaphthylene	1.788	1.845	0.400	3.1887	50.0
3-Nitroaniline	0.275	0.289	0.010	5.2047	50.0
Acenaphthene	1.173	1.218	0.200	3.8168	50.0
2,4-Dinitrophenol	0.168	0.083	0.010	-50.5442	50.0
4-Nitrophenol	0.225	0.232	0.010	3.0101	50.0
Dibenzofuran	1.677	1.693	0.300	0.9478	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG060624 SAS No.: BG060624 SDG No.: BG060624

Instrument ID: BNA_G Calibration Date/Time: 6/7/2024 12:04:42

Lab File ID: BG061529.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020521 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	0.445	0.070	-7.6976	50.0
Diethylphthalate	1.597	1.453	0.300	-8.9921	50.0
Fluorene	1.451	1.423	0.200	-1.9529	50.0
4-Chlorophenyl-phenylether	0.851	0.866	0.100	1.6968	50.0
4-Nitroaniline	0.287	0.315	0.010	9.8684	50.0
4,6-Dinitro-2-methylphenol	0.127	0.070	0.010	-44.4299	50.0
N-Nitrosodiphenylamine	0.503	0.530	0.050	5.4645	50.0
1,2,4,5-Tetrachlorobenzene	0.660	0.852	0.100	29.1051	50.0
4-Bromophenyl-phenylether	0.237	0.263	0.070	10.7748	50.0
Hexachlorobenzene	0.263	0.302	0.050	14.7793	50.0
Atrazine	0.199	0.193	0.010	-2.8334	50.0
Pentachlorophenol	0.092	0.122	0.010	33.1461	50.0
Phenanthrene	0.971	1.009	0.200	3.8968	50.0
Pentachlorobenzene	0.292	0.352	0.050	20.4841	50.0
Anthracene	1.004	1.051	0.200	4.7635	50.0
1,2,3,4-Tetrachlorobenzene	0.264	0.348	0.050	31.5576	50.0
Carbazole	0.816	0.844	0.050	3.44	50.0
Di-n-butylphthalate	1.023	1.039	0.500	1.6146	50.0
Fluoranthene	1.232	1.222	0.400	-0.7888	50.0
Pyrene	1.279	1.267	0.400	-0.9417	50.0
Butylbenzylphthalate	0.439	0.434	0.100	-1.2718	50.0
3,3-Dichlorobenzidine	0.425	0.318	0.010	-25.039	50.0
Benzo (a) anthracene	1.380	1.396	0.300	1.1404	50.0
Chrysene	1.271	1.295	0.200	1.8806	50.0
Bis(2-ethylhexyl)phthalate	0.650	0.630	0.200	-3.0711	50.0
Di-n-octyl phthalate	1.001	0.958	0.010	-4.2901	50.0
Benzo (b) fluoranthene	1.191	1.224	0.200	2.751	50.0
Benzo (k) fluoranthene	1.209	1.210	0.200	0.0612	50.0
Benzo (a) pyrene	1.131	1.149	0.200	1.5825	50.0
Indeno (1,2,3-cd) pyrene	1.367	1.236	0.200	-9.6102	50.0
Dibenzo (a,h) anthracene	1.128	1.048	0.200	-7.0657	50.0
Benzo (g,h,i) perylene	1.088	0.912	0.200	-16.1709	50.0
2,3,4,6-Tetrachlorophenol	0.357	0.401	0.040	12.1178	50.0
1,4-Dioxane-d8	0.357	0.362	0.010	1.1816	50.0
Pyridine-d5	1.271	0.992	0.010	-22.0085	50.0
Phenol-d5	1.642	1.387	0.010	-15.5566	50.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.861	0.050	-16.6049	50.0
2-Chlorophenol-d4	1.216	1.155	0.200	-4.943	50.0
4-Methylphenol-d8	1.400	1.168	0.010	-16.5808	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG060624 SAS No.: BG060624 SDG No.: BG060624

Instrument ID: BNA_G Calibration Date/Time: 6/7/2024 12:04:42

Lab File ID: BG061529.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020521 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.167	0.050	8.5663	50.0
2-Nitrophenol-d4	0.180	0.190	0.050	5.214	50.0
2,4-Dichlorophenol-d3	0.351	0.379	0.060	7.9698	50.0
4-Chloroaniline-d4	0.460	0.411	0.010	-10.5371	50.0
Dimethylphthalate-d6	1.551	1.522	0.300	-1.8863	50.0
Acenaphthylene-d8	1.613	1.666	0.400	3.3013	50.0
4-Nitrophenol-d4	0.192	0.169	0.010	-11.8549	50.0
Fluorene-d10	1.339	1.331	0.100	-0.5939	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.070	0.010	-42.2447	50.0
Anthracene-d10	0.882	0.945	0.300	7.2286	50.0
Pyrene-d10	1.027	1.029	0.300	0.2173	50.0
Benzo(a)pyrene-d12	0.962	0.991	0.010	3.0913	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SBLK271	SDG No.:	BG060624
Lab Sample ID:	PB161271BL	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
BG061505.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SBLK271	SDG No.:	BG060624
Lab Sample ID:	PB161271BL	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
BG061505.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

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

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SBLK271	SDG No.:	BG060624
Lab Sample ID:	PB161271BL	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
BG061505.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.241		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	26.743		20-120		67	SPK: -40
4165-62-2	Phenol-d5	24.721		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.017		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.315		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	26.37		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	33.349		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.568		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.988		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.923		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.167		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	32.455		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.017		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	30.796		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SBLK271	SDG No.:	BG060624
Lab Sample ID:	PB161271BL	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
BG061505.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.017		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	34.386		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	31.888		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.653		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30678	7.873				
1146-65-2	Naphthalene-d8	114193	10.664				
15067-26-2	Acenaphthene-d10	82180	14.507				
1517-22-2	Phenanthrene-d10	185259	17.262				
1719-03-5	Chrysene-d12	203036	21.516				
1520-96-3	Perylene-d12	227874	24.607				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	170	J			3.091	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY7	SDG No.:	BG060624
Lab Sample ID:	P2635-01	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
BG061506.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.3	84	ug/Kg
100-52-7	Benzaldehyde	73	U	73	100	420	ug/Kg
110-86-1	Pyridine	97	U	97	210	420	ug/Kg
108-95-2	Phenol	38	U	38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.7	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	100	420	ug/Kg
98-86-2	Acetophenone	85	J	83	100	420	ug/Kg
106-44-5	4-Methylphenol	67	U	67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	53.7	210	ug/Kg
67-72-1	Hexachloroethane	77	U	77	53.7	210	ug/Kg
98-95-3	Nitrobenzene	81	U	81	53.7	210	ug/Kg
78-59-1	Isophorone	83	U	83	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.7	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.7	210	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	53.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY7	SDG No.:	BG060624
Lab Sample ID:	P2635-01	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
BG061506.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.7	210	ug/Kg
208-96-8	Acenaphthylene	52	J	37	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	420	ug/Kg
83-32-9	Acenaphthene	62	J	33	53.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.7	210	ug/Kg
84-66-2	Diethylphthalate	42	U	42	53.7	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.7	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.7	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	880		34	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	53.7	210	ug/Kg
120-12-7	Anthracene	120	J	32	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.7	210	ug/Kg
86-74-8	Carbazole	84	J	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.7	210	ug/Kg
206-44-0	Fluoranthene	2200		24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY7	SDG No.:	BG060624
Lab Sample ID:	P2635-01	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
BG061506.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		23	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	J	28	53.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1000		29	53.7	210	ug/Kg
218-01-9	Chrysene	1300		30	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360		32	53.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		47	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	580		48	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	680		39	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	530		35	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210		33	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	40	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.111		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	2.467	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	18.508		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.779		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.157		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	19.616		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	26.614		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.87		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.346		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.952		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.814		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.474		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.451		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	26.554		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY7	SDG No.:	BG060624
Lab Sample ID:	P2635-01	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
BG061506.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.785		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	28.637		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	23.911		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.089		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26992	7.876				
1146-65-2	Naphthalene-d8	97676	10.673				
15067-26-2	Acenaphthene-d10	67197	14.515				
1517-22-2	Phenanthrene-d10	153200	17.265				
1719-03-5	Chrysene-d12	163320	21.519				
1520-96-3	Perylene-d12	188465	24.615				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	10000	J			3.093	
000057-10-3	n-Hexadecanoic acid	520	J			18.164	
000203-64-5	4H-Cyclopenta[def]phenanthrene	340	J			18.334	
002531-84-2	Phenanthrene, 2-methyl-	140	J			18.369	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	140	J			18.64	
000084-65-1	9,10-Anthracenedione	200	J			18.687	
003674-66-6	Phenanthrene, 2,5-dimethyl-	260	J			19.057	
005737-13-3	Cyclopenta(def)phenanthrenone	210	J			19.204	
000057-11-4	Octadecanoic acid	140	J			19.439	
002381-21-7	Pyrene, 1-methyl-	130	J			20.179	
003442-78-2	Pyrene, 2-methyl-	89	J			20.338	
000082-05-3	7H-Benz[de]anthracen-7-one	93	J			20.937	
1010484-31-0	3-Chloro-6-methyl-1-benzothiophene	150	J			21.196	
003029-19-4	1-Pyrenecarboxaldehyde	89	J			21.266	
002541-69-7	Benz[a]anthracene, 7-methyl-	110	J			22.294	
014811-95-1	1,19-Eicosadiene	390	J			23.281	
056221-91-1	13-Tetradecen-1-ol acetate	290	J			23.798	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY7	SDG No.:	BG060624
Lab Sample ID:	P2635-01	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
BG061506.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	290	J			24.327	
	(DEL) Alkane: Straight-Chain	25.684	J			25.684	
	unknown-01	120	J			28.522	
	unknown-02	170	J			28.998	
E966796	Total Alkanes	310				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ3	SDG No.:	BG060624
Lab Sample ID:	P2635-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061507.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

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	99.3	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.3	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.3	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.1	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	99.3	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.3	400	ug/Kg
98-86-2	Acetophenone	81	J	79	99.3	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.3	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	51.1	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	51.1	200	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51.1	200	ug/Kg
78-59-1	Isophorone	79	U	79	51.1	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	51.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.1	200	ug/Kg
91-20-3	Naphthalene	40	J	29	51.1	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	51.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.1	200	ug/Kg
105-60-2	Caprolactam	77	U	77	99.3	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	51.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.3	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ3	SDG No.:	BG060624
Lab Sample ID:	P2635-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061507.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.1	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.1	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.1	200	ug/Kg
208-96-8	Acenaphthylene	49	J	35	51.1	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	99.3	400	ug/Kg
83-32-9	Acenaphthene	48	J	31	51.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.3	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.3	400	ug/Kg
132-64-9	Dibenzofuran	32	U	32	51.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.1	200	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.1	200	ug/Kg
86-73-7	Fluorene	32	U	32	51.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.1	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.3	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.3	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.1	200	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.1	200	ug/Kg
1912-24-9	Atrazine	34	U	34	99.3	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.3	400	ug/Kg
85-01-8	Phenanthrene	770		32	51.1	200	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.1	200	ug/Kg
120-12-7	Anthracene	110	J	30	51.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	51.1	200	ug/Kg
86-74-8	Carbazole	75	J	41	99.3	400	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	51.1	200	ug/Kg
206-44-0	Fluoranthene	2000		23	99.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ3	SDG No.:	BG060624
Lab Sample ID:	P2635-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061507.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		22	51.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	26	51.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.3	400	ug/Kg
56-55-3	Benzo(a)anthracene	940		28	51.1	200	ug/Kg
218-01-9	Chrysene	1200		29	51.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280		30	51.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.3	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		45	51.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	560		46	51.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	670		37	51.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	530		34	51.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	J	31	51.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	39	51.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	51.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.555		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	4.577	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	23.29		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.194		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.555		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	22.175		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	28.279		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.044		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.243		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.062		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.998		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	27.582		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.97		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.624		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ3	SDG No.:	BG060624
Lab Sample ID:	P2635-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061507.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.479		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	29.215		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	25.424		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.509		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29106	7.877				
1146-65-2	Naphthalene-d8	109103	10.668				
15067-26-2	Acenaphthene-d10	76961	14.51				
1517-22-2	Phenanthrene-d10	172006	17.26				
1719-03-5	Chrysene-d12	186403	21.52				
1520-96-3	Perylene-d12	214105	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.1	
	unknown-01	260	J			3.629	
1000186-02-3	Acetic acid, 3-[1,3]dioxolan-2-ylp	91	J			4.998	
000112-50-5	Ethanol, 2-[2-(2-ethoxyethoxy)etho	190	J			7.471	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.408	
000832-69-9	Phenanthrene, 1-methyl-	170	J			18.141	
000057-10-3	n-Hexadecanoic acid	140	J			18.159	
000779-02-2	Anthracene, 9-methyl-	240	J			18.188	
000203-64-5	4H-Cyclopenta[def]phenanthrene	320	J			18.329	
000832-64-4	Phenanthrene, 4-methyl-	130	J			18.37	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	140	J			18.641	
000084-65-1	9,10-Anthracenedione	190	J			18.688	
000781-43-1	9,10-Dimethylantracene	220	J			19.058	
005737-13-3	Cyclopenta(def)phenanthrenone	220	J			19.205	
000243-17-4	11H-Benzo[b]fluorene	110	J			20.18	
000479-79-8	11H-Benzo[a]fluoren-11-one	83	J			20.938	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	99	J			21.108	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ3	SDG No.:	BG060624
Lab Sample ID:	P2635-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061507.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	170	J			21.202	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			21.261	
001705-84-6	Triphenylene, 2-methyl-	80	J			22.289	
000638-58-4	Tetradecanamide	150	J			22.924	
1000319-48-4	2-Propen-1-one, 3-(4-aminophenyl)-	210	J			23.276	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	140	J			23.805	
000192-97-2	Benzo[e]pyrene	230	J			23.876	
000198-55-0	Perylene	330	J			24.322	
	(DEL) Alkane: Straight-Chain25.674	180	J			25.674	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY8	SDG No.:	BG060624
Lab Sample ID:	P2635-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BG061508.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

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	99.7	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.7	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.7	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.3	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	99.7	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.7	400	ug/Kg
98-86-2	Acetophenone	87	J	80	99.7	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.7	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	51.3	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.3	210	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51.3	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.3	210	ug/Kg
91-20-3	Naphthalene	43	J	29	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.3	210	ug/Kg
105-60-2	Caprolactam	77	U	77	99.7	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.7	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY8	SDG No.:	BG060624
Lab Sample ID:	P2635-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BG061508.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.3	210	ug/Kg
208-96-8	Acenaphthylene	48	J	35	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.7	400	ug/Kg
83-32-9	Acenaphthene	53	J	31	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.7	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.7	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.3	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.3	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.7	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.7	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.3	210	ug/Kg
1912-24-9	Atrazine	34	U	34	99.7	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.7	400	ug/Kg
85-01-8	Phenanthrene	780		33	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.3	210	ug/Kg
120-12-7	Anthracene	120	J	30	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.3	210	ug/Kg
86-74-8	Carbazole	84	J	41	99.7	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.3	210	ug/Kg
206-44-0	Fluoranthene	2000		23	99.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY8	SDG No.:	BG060624
Lab Sample ID:	P2635-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BG061508.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		22	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	92	J	27	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.7	400	ug/Kg
56-55-3	Benzo(a)anthracene	920		28	51.3	210	ug/Kg
218-01-9	Chrysene	1100		29	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240		30	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.7	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		45	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	490		46	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	640		37	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510		34	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	J	31	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91	J	39	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.386		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	4.424	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	21.305		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.051		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.15		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	18.557		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	26.859		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.392		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.909		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.387		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.908		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.986		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.809		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	25.685		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY8	SDG No.:	BG060624
Lab Sample ID:	P2635-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BG061508.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.892		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	27.851		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	23.796		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.167		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31695	7.877				
1146-65-2	Naphthalene-d8	115443	10.668				
15067-26-2	Acenaphthene-d10	79519	14.511				
1517-22-2	Phenanthrene-d10	180536	17.26				
1719-03-5	Chrysene-d12	197267	21.52				
1520-96-3	Perylene-d12	223715	24.616				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.1	
000079-39-0	Methacrylamide	240	J			3.882	
	unknown-01	85	J			4.998	
000832-69-9	Phenanthrene, 1-methyl-	130	J			18.136	
000057-10-3	n-Hexadecanoic acid	150	J			18.159	
004505-48-0	1H-Indene, 2-phenyl-	210	J			18.183	
027410-55-5	8,9-Dihydrocyclopenta[def]phenanth	300	J			18.33	
000610-48-0	Anthracene, 1-methyl-	91	J			18.371	
000612-94-2	Naphthalene, 2-phenyl-	130	J			18.635	
000084-65-1	9,10-Anthracenedione	180	J			18.688	
001576-67-6	Phenanthrene, 3,6-dimethyl-	110	J			18.882	
000483-87-4	Phenanthrene, 1,7-dimethyl-	150	J			19.058	
005737-13-3	Cyclopenta(def)phenanthrenone	210	J			19.205	
002381-21-7	Pyrene, 1-methyl-	93	J			20.004	
000238-84-6	11H-Benzo[a]fluorene	130	J			20.18	
000479-79-8	11H-Benzo[a]fluoren-11-one	83	J			20.938	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	87	J			21.109	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY8	SDG No.:	BG060624
Lab Sample ID:	P2635-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.5
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
BG061508.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000082-05-3	7H-Benz[de]anthracen-7-one	91	J			21.261	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	91	J			21.708	
002541-69-7	Benz[a]anthracene, 7-methyl-	97	J			22.29	
1000302-85-2	Benzo[5,6][1,4]dioxino[2,3-c]pyrid	230	J			23.283	
	(DEL) Alkane: Straight-Chain23.788	200	J			23.788	
000192-97-2	Benzo[e]pyrene	220	J			23.882	
000198-55-0	Perylene	330	J			24.328	
	(DEL) Alkane: Straight-Chain25.680	140	J			25.68	
E966796	Total Alkanes	340				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY9	SDG No.:	BG060624
Lab Sample ID:	P2635-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BG061509.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.5	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.2	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.5	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.5	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.2	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.2	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.2	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.2	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.2	190	ug/Kg
105-60-2	Caprolactam	73	U	73	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY9	SDG No.:	BG060624
Lab Sample ID:	P2635-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BG061509.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.2	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.5	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.5	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.2	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.2	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.2	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.5	370	ug/Kg
85-01-8	Phenanthrene	230		31	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.2	190	ug/Kg
120-12-7	Anthracene	39	J	28	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.2	190	ug/Kg
86-74-8	Carbazole	39	U	39	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.2	190	ug/Kg
206-44-0	Fluoranthene	570		22	93.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY9	SDG No.:	BG060624
Lab Sample ID:	P2635-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BG061509.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	440		20	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	270		26	48.2	190	ug/Kg
218-01-9	Chrysene	350		27	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66	J	28	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	430		42	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	43	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	200		35	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	32	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68	J	29	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.743		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	2.834	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	15.853		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.032		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.981		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	14.391		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	22.333		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.964		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.43		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.019		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.047		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.936		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.423		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	21.785		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY9	SDG No.:	BG060624
Lab Sample ID:	P2635-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BG061509.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.901		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	22.946		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	20.99		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.452		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32201	7.882				
1146-65-2	Naphthalene-d8	115028	10.673				
15067-26-2	Acenaphthene-d10	80391	14.509				
1517-22-2	Phenanthrene-d10	183166	17.265				
1719-03-5	Chrysene-d12	197087	21.519				
1520-96-3	Perylene-d12	227909	24.615				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	8900	J			3.099	
	unknown-01	99	J			18.158	
000610-48-0	Anthracene, 1-methyl-	92	J			18.188	
004701-17-1	5-Bromo-2-thiophenecarboxaldehyde	93	J			18.334	
000781-43-1	9,10-Dimethylanthracene	77	J			19.063	
005737-13-3	Cyclopenta(def)phenanthrenone	88	J			19.204	
1000406-40-8	Butyl docosyl ether	140	J			21.184	
	(DEL) Alkane: Straight-Chain	25.679	J			25.679	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ0	SDG No.:	BG060624
Lab Sample ID:	P2635-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30	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
BG061510.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

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

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ0	SDG No.:	BG060624
Lab Sample ID:	P2635-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061510.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.5	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.2	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.2	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.5	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.5	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.2	380	ug/Kg
85-01-8	Phenanthrene	160	J	31	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.5	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.5	200	ug/Kg
206-44-0	Fluoranthene	400		22	96.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ0	SDG No.:	BG060624
Lab Sample ID:	P2635-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG061510.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	300		21	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	27	49.5	200	ug/Kg
218-01-9	Chrysene	230		28	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	46	J	29	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		43	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	36	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	33	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	J	30	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.422		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	2.855	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	16.323		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.037		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.072		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	14.417		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	22.707		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.56		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.806		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.673		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.716		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.467		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.367		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	22.981		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ0	SDG No.:	BG060624
Lab Sample ID:	P2635-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061510.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.176		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	23.53		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	20.844		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.366		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34454	7.877				
1146-65-2	Naphthalene-d8	123098	10.667				
15067-26-2	Acenaphthene-d10	85816	14.51				
1517-22-2	Phenanthrene-d10	198121	17.26				
1719-03-5	Chrysene-d12	215374	21.519				
1520-96-3	Perylene-d12	243782	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	8800	J			3.1	
	unknown-01	84	J			18.165	
	unknown-02	82	J			19.204	
	(DEL) Alkane: Cyclic	100	J			21.179	
000124-26-5	Octadecanamide	120	J			22.924	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ1	SDG No.:	BG060624
Lab Sample ID:	P2635-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BG061511.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

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	93.9	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	93.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.9	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.4	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	93.9	380	ug/Kg
98-86-2	Acetophenone	75	U	75	93.9	380	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.4	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.4	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.4	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.4	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.4	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.4	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.4	190	ug/Kg
105-60-2	Caprolactam	73	U	73	93.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ1	SDG No.:	BG060624
Lab Sample ID:	P2635-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BG061511.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.4	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.4	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.4	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.4	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.9	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.9	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.9	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.4	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.4	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.4	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.4	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.4	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.9	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.9	380	ug/Kg
85-01-8	Phenanthrene	110	J	31	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.4	190	ug/Kg
86-74-8	Carbazole	39	U	39	93.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.4	190	ug/Kg
206-44-0	Fluoranthene	220		22	93.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ1	SDG No.:	BG060624
Lab Sample ID:	P2635-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BG061511.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	20	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	26	48.4	190	ug/Kg
218-01-9	Chrysene	120	J	27	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	93.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	42	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	J	43	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	74	J	35	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	J	32	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.075		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	20.816		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.352		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.421		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	16.454		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	27.688		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.106		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.882		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.788		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.704		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	28.176		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.141		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	26.611		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ1	SDG No.:	BG060624
Lab Sample ID:	P2635-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BG061511.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.936		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	27.515		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	23.347		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.53		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32577	7.877				
1146-65-2	Naphthalene-d8	115409	10.667				
15067-26-2	Acenaphthene-d10	81471	14.51				
1517-22-2	Phenanthrene-d10	185231	17.26				
1719-03-5	Chrysene-d12	204340	21.514				
1520-96-3	Perylene-d12	230115	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	9100	J			3.1	
	unknown-01	80	J			4.998	
959085-66-6	Heptadecyl heptafluorobutyrate	150	J			21.179	
000112-84-5	13-Docosenamide, (Z)-	110	J			22.924	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ2	SDG No.:	BG060624
Lab Sample ID:	P2635-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061512.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	76	ug/Kg
100-52-7	Benzaldehyde	67	U	67	94.6	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.6	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.7	190	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.6	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.6	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	48.7	190	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.7	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.7	190	ug/Kg
78-59-1	Isophorone	76	U	76	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.7	190	ug/Kg
91-20-3	Naphthalene	28	U	28	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.7	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ2	SDG No.:	BG060624
Lab Sample ID:	P2635-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061512.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

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	46	J	33	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.6	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.6	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.6	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.7	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.7	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	94.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.7	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.6	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.6	380	ug/Kg
85-01-8	Phenanthrene	470		31	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.7	190	ug/Kg
120-12-7	Anthracene	60	J	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	45	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	870		22	94.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ2	SDG No.:	BG060624
Lab Sample ID:	P2635-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061512.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	690		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	440		26	48.7	190	ug/Kg
218-01-9	Chrysene	520		28	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78	J	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	600		42	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		44	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	270		36	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190		32	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83	J	30	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.243		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	2.167	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	17.749		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.026		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.311		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	15.452		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	22.301		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.452		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.331		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.576		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.468		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.958		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.848		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	21.06		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBZ2	SDG No.:	BG060624
Lab Sample ID:	P2635-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061512.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.16		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	22.755		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	19.971		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.735		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33201	7.882				
1146-65-2	Naphthalene-d8	121444	10.667				
15067-26-2	Acenaphthene-d10	84614	14.509				
1517-22-2	Phenanthrene-d10	190501	17.265				
1719-03-5	Chrysene-d12	207522	21.519				
1520-96-3	Perylene-d12	239966	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	9000	J			3.099	
000832-69-9	Phenanthrene, 1-methyl-	190	J			18.14	
002531-84-2	Phenanthrene, 2-methyl-	180	J			18.187	
004701-17-1	5-Bromo-2-thiophenecarboxaldehyde	180	J			18.328	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	100	J			18.369	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	92	J			18.64	
000084-65-1	9,10-Anthracenedione	90	J			18.687	
000781-43-1	9,10-Dimethylantracene	180	J			19.057	
006452-49-9	Benzene, 1-chloro-3-phenoxy-	130	J			19.204	
002381-21-7	Pyrene, 1-methyl-	97	J			20.009	
000243-17-4	11H-Benzo[b]fluorene	93	J			20.179	
000203-12-3	Benzo[ghi]fluoranthene	140	J			21.195	
001705-84-6	Triphenylene, 2-methyl-	110	J			22.224	
	unknown-01	120	J			23.428	
000192-97-2	Benzo[e]pyrene	120	J			24.321	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SLCS271	SDG No.:	BG060624
Lab Sample ID:	PB161271BS	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
BG061513.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1000		58	82.5	330	ug/Kg
110-86-1	Pyridine	780		77	170	330	ug/Kg
108-95-2	Phenol	850		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	860		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	890		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	810		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	680		40	82.5	330	ug/Kg
98-86-2	Acetophenone	780		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	820		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	710		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	940		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	950		64	42.5	170	ug/Kg
78-59-1	Isophorone	840		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1100		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	860		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	910		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	990		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	770		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		35	42.5	170	ug/Kg
105-60-2	Caprolactam	770		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	870		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	930		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	970		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	J	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SLCS271	SDG No.:	BG060624
Lab Sample ID:	PB161271BS	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
BG061513.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1100		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	900		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	950		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1000		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	720		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	830		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	950		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	900		33	42.5	170	ug/Kg
86-73-7	Fluorene	990		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	930		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		28	42.5	170	ug/Kg
1912-24-9	Atrazine	1000		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	950		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1200		37	42.5	170	ug/Kg
120-12-7	Anthracene	1000		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		17	42.5	170	ug/Kg
86-74-8	Carbazole	1100		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SLCS271	SDG No.:	BG060624
Lab Sample ID:	PB161271BS	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
BG061513.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		23	42.5	170	ug/Kg
218-01-9	Chrysene	1100		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	960		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.28		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	23.903		20-120		60	SPK: -40
4165-62-2	Phenol-d5	25.686		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.082		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.96		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	24.348		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	31.668		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.164		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.598		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.799		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.15		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	31.65		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.478		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	30.342		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SLCS271	SDG No.:	BG060624
Lab Sample ID:	PB161271BS	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
BG061513.D	1	6/3/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161271

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.228		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	33.487		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	31.854		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.407		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36998	7.884				
1146-65-2	Naphthalene-d8	129685	10.669				
15067-26-2	Acenaphthene-d10	93558	14.512				
1517-22-2	Phenanthrene-d10	212320	17.262				
1719-03-5	Chrysene-d12	227548	21.521				
1520-96-3	Perylene-d12	258548	24.612				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG060624
Lab Sample ID:	PB161173BL	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
BG061515.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

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:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG060624
Lab Sample ID:	PB161173BL	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
BG061515.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

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:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG060624
Lab Sample ID:	PB161173BL	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
BG061515.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

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	4.918		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	19.82		20-120		50	SPK: -40
4165-62-2	Phenol-d5	22.486		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.662		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.241		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	21.346		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	27.29		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.229		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.775		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.561		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.461		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.886		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.04		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	23.904		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG060624
Lab Sample ID:	PB161173BL	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
BG061515.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.423		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	26.915		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	25.989		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.139		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39635	7.879				
1146-65-2	Naphthalene-d8	143139	10.67				
15067-26-2	Acenaphthene-d10	103762	14.512				
1517-22-2	Phenanthrene-d10	236173	17.262				
1719-03-5	Chrysene-d12	255174	21.516				
1520-96-3	Perylene-d12	291695	24.606				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	SBLK346	SDG No.:	BG060624
Lab Sample ID:	PB161346BL	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
BG061516.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

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

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	SBLK346	SDG No.:	BG060624
Lab Sample ID:	PB161346BL	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
BG061516.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

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

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	SBLK346	SDG No.:	BG060624
Lab Sample ID:	PB161346BL	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
BG061516.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

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	4.826		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	20.566		20-120		51	SPK: -40
4165-62-2	Phenol-d5	21.743		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.886		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.801		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	21.49		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	27.845		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.011		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.909		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.073		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.73		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	27.014		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.144		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	25.274		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	SBLK346	SDG No.:	BG060624
Lab Sample ID:	PB161346BL	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
BG061516.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.304		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	28.556		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	26.808		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.86		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36970	7.876				
1146-65-2	Naphthalene-d8	130608	10.667				
15067-26-2	Acenaphthene-d10	94244	14.509				
1517-22-2	Phenanthrene-d10	213199	17.259				
1719-03-5	Chrysene-d12	235447	21.519				
1520-96-3	Perylene-d12	265059	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			3.099	
E966796	Total Alkanes	26	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:	BHBR6DL	SDG No.:	BG060624
Lab Sample ID:	P2623-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
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
BG061517.D	5	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	190	U	190	46.3	470	ug/Kg
100-52-7	Benzaldehyde	410	U	410	580	2300	ug/Kg
110-86-1	Pyridine	540	U	540	1200	2300	ug/Kg
108-95-2	Phenol	210	U	210	580	2300	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	200	U	200	580	2300	ug/Kg
95-57-8	2-Chlorophenol	200	U	200	300	1200	ug/Kg
95-48-7	2-Methylphenol	220	U	220	580	2300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280	U	280	580	2300	ug/Kg
98-86-2	Acetophenone	460	U	460	580	2300	ug/Kg
106-44-5	4-Methylphenol	370	U	370	580	2300	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	550	U	550	300	1200	ug/Kg
67-72-1	Hexachloroethane	430	U	430	300	1200	ug/Kg
98-95-3	Nitrobenzene	450	U	450	300	1200	ug/Kg
78-59-1	Isophorone	460	U	460	300	1200	ug/Kg
88-75-5	2-Nitrophenol	420	U	420	300	1200	ug/Kg
105-67-9	2,4-Dimethylphenol	220	U	220	300	1200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	320	U	320	300	1200	ug/Kg
120-83-2	2,4-Dichlorophenol	270	U	270	300	1200	ug/Kg
91-20-3	Naphthalene	350	JD	170	300	1200	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	300	2300	ug/Kg
87-68-3	Hexachlorobutadiene	250	U	250	300	1200	ug/Kg
105-60-2	Caprolactam	450	U	450	580	2300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	290	U	290	300	1200	ug/Kg
90-12-0	1-Methylnaphthalene	170	U	170	300	1200	ug/Kg
91-57-6	2-Methylnaphthalene	220	U	220	300	1200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	680	U	680	580	2300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	170	300	1200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	230	U	230	300	1200	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:	BHBR6DL	SDG No.:	BG060624
Lab Sample ID:	P2623-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
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
BG061517.D	5	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	180	U	180	300	1200	ug/Kg
91-58-7	2-Chloronaphthalene	230	U	230	300	1200	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	300	1200	ug/Kg
131-11-3	Dimethylphthalate	210	U	210	300	1200	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	300	1200	ug/Kg
208-96-8	Acenaphthylene	200	U	200	300	1200	ug/Kg
99-09-2	3-Nitroaniline	460	U	460	580	2300	ug/Kg
83-32-9	Acenaphthene	550	JD	180	300	1200	ug/Kg
51-28-5	2,4-Dinitrophenol	910	U	910	580	2300	ug/Kg
100-02-7	4-Nitrophenol	310	U	310	580	2300	ug/Kg
132-64-9	Dibenzofuran	550	JD	190	300	1200	ug/Kg
121-14-2	2,4-Dinitrotoluene	250	U	250	300	1200	ug/Kg
84-66-2	Diethylphthalate	230	U	230	300	1200	ug/Kg
86-73-7	Fluorene	590	JD	190	300	1200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	300	1200	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	580	2300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270	U	270	580	2300	ug/Kg
86-30-6	N-Nitrosodiphenylamine	170	U	170	300	1200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	240	U	240	300	1200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	300	1200	ug/Kg
118-74-1	Hexachlorobenzene	200	U	200	300	1200	ug/Kg
1912-24-9	Atrazine	200	U	200	580	2300	ug/Kg
87-86-5	Pentachlorophenol	620	U	620	580	2300	ug/Kg
85-01-8	Phenanthrene	7500	D	190	300	1200	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	300	1200	ug/Kg
120-12-7	Anthracene	1600	D	180	300	1200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	300	1200	ug/Kg
86-74-8	Carbazole	820	JD	240	580	2300	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	300	1200	ug/Kg
206-44-0	Fluoranthene	8200	D	130	580	1200	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:	BHBR6DL	SDG No.:	BG060624
Lab Sample ID:	P2623-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
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
BG061517.D	5	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5300	D	130	300	1200	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	300	1200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	360	U	360	580	2300	ug/Kg
56-55-3	Benzo(a)anthracene	3600	D	160	300	1200	ug/Kg
218-01-9	Chrysene	3400	D	170	300	1200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	480	JD	180	300	1200	ug/Kg
117-84-0	Di-n-octyl phthalate	340	U	340	580	2300	ug/Kg
205-99-2	Benzo(b)fluoranthene	4000	D	260	300	1200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	D	270	300	1200	ug/Kg
50-32-8	Benzo(a)pyrene	1700	D	220	300	1200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	JD	200	300	1200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	510	JD	180	300	1200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220	U	220	300	1200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	300	1200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	8.055		20-120		20	SPK: -40
4165-62-2	Phenol-d5	23.61		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.985		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.265		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	19.26		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	31.045		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.02		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.91		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.69		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.7		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.965		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.05		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	30.795		20-140		77	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:	BHBR6DL	SDG No.:	BG060624
Lab Sample ID:	P2623-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.7
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
BG061517.D	5	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.21		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	32.87		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	29.345		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.085		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37198	7.876				
1146-65-2	Naphthalene-d8	130542	10.667				
15067-26-2	Acenaphthene-d10	91427	14.509				
1517-22-2	Phenanthrene-d10	209177	17.259				
1719-03-5	Chrysene-d12	229453	21.519				
1520-96-3	Perylene-d12	265285	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	17000	JD			3.099	
	unknown-01	830	JD			14.709	
000486-25-9	9H-Fluoren-9-one	540	JD			16.918	
000832-69-9	Phenanthrene, 1-methyl-	800	JD			18.135	
000613-12-7	Anthracene, 2-methyl-	1100	JD			18.187	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1200	JD			18.334	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	600	JD			18.634	
000084-65-1	9,10-Anthracenedione	660	JD			18.687	
005737-13-3	Cyclopenta(def)phenanthrenone	740	JD			19.204	
080252-14-8	6H-Benz[de]anthracen-6-one	490	JD			20.937	
000479-79-8	11H-Benzo[a]fluoren-11-one	550	JD			21.26	
003558-24-5	1H-Indole, 1-methyl-2-phenyl-	560	JD			21.783	
000192-97-2	Benzo[e]pyrene	570	JD			23.875	
000198-55-0	Perylene	660	JD			24.321	
E966796	Total Alkanes	180	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0002	SDG No.:	BG060624
Lab Sample ID:	P2739-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061518.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

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

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0002	SDG No.:	BG060624
Lab Sample ID:	P2739-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061518.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	45.9	180	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	45.9	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.9	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.9	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	89.2	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	89.2	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.2	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	45.9	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	45.9	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	45.9	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	89.2	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	89.2	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	45.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.9	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.9	180	ug/Kg
1912-24-9	Atrazine	30	U	30	89.2	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	89.2	360	ug/Kg
85-01-8	Phenanthrene	59	J	29	45.9	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.9	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.9	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.9	180	ug/Kg
86-74-8	Carbazole	37	U	37	89.2	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.9	180	ug/Kg
206-44-0	Fluoranthene	180		21	89.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0002	SDG No.:	BG060624
Lab Sample ID:	P2739-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061518.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	19	45.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	89.2	360	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	25	45.9	180	ug/Kg
218-01-9	Chrysene	120	J	26	45.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	89.2	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	40	45.9	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	J	41	45.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	70	J	34	45.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	J	30	45.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	45.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.9	180	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	3.623	*	20-120		9	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.124		15-120		64	SPK: -8
4165-62-2	Phenol-d5	25.325		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.219		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.9		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	22.125		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	31.835		10-135		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.754		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.178		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.016		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.838		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	33.076		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.667		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	31.878		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0002	SDG No.:	BG060624
Lab Sample ID:	P2739-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061518.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.563		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	33.84		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	28.84		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.976		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29749	7.882				
1146-65-2	Naphthalene-d8	105411	10.667				
15067-26-2	Acenaphthene-d10	72744	14.509				
1517-22-2	Phenanthrene-d10	166096	17.259				
1719-03-5	Chrysene-d12	186382	21.519				
1520-96-3	Perylene-d12	208747	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	9700	J			3.099	
	unknown-01	84	J			4.997	
001002-84-2	Pentadecanoic acid	95	J			18.158	
	(DEL) Alkane: Cyclic21.178	140	J			21.178	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0005	SDG No.:	BG060624
Lab Sample ID:	P2739-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061519.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.1	72	ug/Kg
100-52-7	Benzaldehyde	62	U	62	88.8	360	ug/Kg
110-86-1	Pyridine	83	U	83	180	360	ug/Kg
108-95-2	Phenol	32	U	32	88.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	88.8	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.7	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	88.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	88.8	360	ug/Kg
98-86-2	Acetophenone	71	U	71	88.8	360	ug/Kg
106-44-5	4-Methylphenol	57	U	57	88.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	45.7	180	ug/Kg
67-72-1	Hexachloroethane	66	U	66	45.7	180	ug/Kg
98-95-3	Nitrobenzene	69	U	69	45.7	180	ug/Kg
78-59-1	Isophorone	71	U	71	45.7	180	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	45.7	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.7	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.7	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.7	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	45.7	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	45.7	180	ug/Kg
105-60-2	Caprolactam	69	U	69	88.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.7	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.7	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	45.7	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0005	SDG No.:	BG060624
Lab Sample ID:	P2739-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061519.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	45.7	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.7	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.7	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.7	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	88.8	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	88.8	360	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.8	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	45.7	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	45.7	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	45.7	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	88.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	88.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	45.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.7	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.7	180	ug/Kg
1912-24-9	Atrazine	30	U	30	88.8	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	88.8	360	ug/Kg
85-01-8	Phenanthrene	140	J	29	45.7	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.7	180	ug/Kg
120-12-7	Anthracene	37	J	27	45.7	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.7	180	ug/Kg
86-74-8	Carbazole	37	U	37	88.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.7	180	ug/Kg
206-44-0	Fluoranthene	350		20	88.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0005	SDG No.:	BG060624
Lab Sample ID:	P2739-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061519.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260		19	45.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.7	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	88.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	180		25	45.7	180	ug/Kg
218-01-9	Chrysene	200		26	45.7	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	88.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		40	45.7	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	86	J	41	45.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	33	45.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98	J	30	45.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	J	28	45.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.7	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.7	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.972		15-120		87	SPK: -8
7291-22-7	Pyridine-d5	9.029		20-120		23	SPK: -40
4165-62-2	Phenol-d5	34.232		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.289		10-150		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	39.2		15-120		98	SPK: -40
190780-66-6	4-Methylphenol-d8	29.739		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	42.281		10-135		106	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.828		10-120		107	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	42.011		10-140		105	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.478		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.443		10-145		106	SPK: -40
93951-97-4	Acenaphthylene-d8	43.821		15-120		110	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.633		10-150		89	SPK: -40
81103-79-9	Fluorene-d10	43.504		20-140		109	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0005	SDG No.:	BG060624
Lab Sample ID:	P2739-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061519.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.896		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	47.693		10-150		119	SPK: -40
1718-52-1	Pyrene-d10	40.1		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.322		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29820	7.879				
1146-65-2	Naphthalene-d8	106962	10.67				
15067-26-2	Acenaphthene-d10	75090	14.506				
1517-22-2	Phenanthrene-d10	168548	17.262				
1719-03-5	Chrysene-d12	186330	21.516				
1520-96-3	Perylene-d12	208463	24.612				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	10000	J			3.102	
	unknown-01	90	J			4.994	
000057-10-3	n-Hexadecanoic acid	120	J			18.161	
000301-02-0	9-Octadecenamide, (Z)-	310	J			20.57	
	(DEL) Alkane: Straight-Chain	150	J			21.187	
E966796	Total Alkanes	150				99	ug/Kg



Client:			Date Collected:	6/4/2024 12:00:00 AM	
Project:			Date Received:	6/4/2024 12:00:00 AM	
Client Sample ID:	E0005MS		SDG No.:	BG060624	
Lab Sample ID:	P2739-03MS		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	7.4	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	500	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061520.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	490		29	7.1	72	ug/Kg
100-52-7	Benzaldehyde	1400		63	89	360	ug/Kg
110-86-1	Pyridine	680		83	180	360	ug/Kg
108-95-2	Phenol	1200		32	89	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		31	89	360	ug/Kg
95-57-8	2-Chlorophenol	1300		30	45.8	180	ug/Kg
95-48-7	2-Methylphenol	1100		33	89	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990		43	89	360	ug/Kg
98-86-2	Acetophenone	1100		71	89	360	ug/Kg
106-44-5	4-Methylphenol	1100		57	89	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	990		85	45.8	180	ug/Kg
67-72-1	Hexachloroethane	1100		66	45.8	180	ug/Kg
98-95-3	Nitrobenzene	1400		69	45.8	180	ug/Kg
78-59-1	Isophorone	1200		71	45.8	180	ug/Kg
88-75-5	2-Nitrophenol	1500		65	45.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	560		35	45.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		49	45.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		41	45.8	180	ug/Kg
91-20-3	Naphthalene	1500		26	45.8	180	ug/Kg
106-47-8	4-Chloroaniline	1100		39	45.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	1700		38	45.8	180	ug/Kg
105-60-2	Caprolactam	1100		69	89	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		44	45.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	1400		26	45.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	1400		35	45.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	320	J	100	89	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		26	45.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		36	45.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0005MS	SDG No.:	BG060624
Lab Sample ID:	P2739-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061520.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700		28	45.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	1700		36	45.8	180	ug/Kg
88-74-4	2-Nitroaniline	1400		49	45.8	180	ug/Kg
131-11-3	Dimethylphthalate	1400		32	45.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		22	45.8	180	ug/Kg
208-96-8	Acenaphthylene	1500		31	45.8	180	ug/Kg
99-09-2	3-Nitroaniline	1500		71	89	360	ug/Kg
83-32-9	Acenaphthene	1500		28	45.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	1000		140	89	360	ug/Kg
100-02-7	4-Nitrophenol	1300		47	89	360	ug/Kg
132-64-9	Dibenzofuran	1500		29	45.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		38	45.8	180	ug/Kg
84-66-2	Diethylphthalate	1300		36	45.8	180	ug/Kg
86-73-7	Fluorene	1400		29	45.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		22	45.8	180	ug/Kg
100-01-6	4-Nitroaniline	1600		26	89	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		41	89	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		26	45.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		37	45.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		28	45.8	180	ug/Kg
118-74-1	Hexachlorobenzene	1300		30	45.8	180	ug/Kg
1912-24-9	Atrazine	1400		30	89	360	ug/Kg
87-86-5	Pentachlorophenol	1400		95	89	360	ug/Kg
85-01-8	Phenanthrene	1600		29	45.8	180	ug/Kg
608-93-5	Pentachlorobenzene	1700		40	45.8	180	ug/Kg
120-12-7	Anthracene	1500		27	45.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1900		18	45.8	180	ug/Kg
86-74-8	Carbazole	1400		37	89	360	ug/Kg
84-74-2	Di-n-butylphthalate	1500		29	45.8	180	ug/Kg
206-44-0	Fluoranthene	1700		20	89	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0005MS	SDG No.:	BG060624
Lab Sample ID:	P2739-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061520.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		19	45.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	1500		24	45.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		56	89	360	ug/Kg
56-55-3	Benzo(a)anthracene	1600		25	45.8	180	ug/Kg
218-01-9	Chrysene	1700		26	45.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		27	45.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		52	89	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		40	45.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		41	45.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	860		33	45.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		30	45.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		28	45.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	35	45.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		39	45.8	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.847		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	11.511		20-120		29	SPK: -40
4165-62-2	Phenol-d5	28.022		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.397		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.224		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	25.234		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	35.852		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.326		10-120		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.301		10-140		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.926		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.472		10-145		86	SPK: -40
93951-97-4	Acenaphthylene-d8	36.333		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.064		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	34.528		20-140		86	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0005MS	SDG No.:	BG060624
Lab Sample ID:	P2739-03MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061520.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.83		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	37.015		10-150		93	SPK: -40
1718-52-1	Pyrene-d10	31.364		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.7		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31575	7.877				
1146-65-2	Naphthalene-d8	108826	10.667				
15067-26-2	Acenaphthene-d10	75541	14.51				
1517-22-2	Phenanthrene-d10	173623	17.26				
1719-03-5	Chrysene-d12	187611	21.519				
1520-96-3	Perylene-d12	210811	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0005MSD	SDG No.:	BG060624
Lab Sample ID:	P2739-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061521.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	510		29	7.1	72	ug/Kg
100-52-7	Benzaldehyde	1500		63	89	360	ug/Kg
110-86-1	Pyridine	750		83	180	360	ug/Kg
108-95-2	Phenol	1300		32	89	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		31	89	360	ug/Kg
95-57-8	2-Chlorophenol	1400		30	45.9	180	ug/Kg
95-48-7	2-Methylphenol	1100		33	89	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		43	89	360	ug/Kg
98-86-2	Acetophenone	1200		71	89	360	ug/Kg
106-44-5	4-Methylphenol	1200		57	89	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		85	45.9	180	ug/Kg
67-72-1	Hexachloroethane	1100		66	45.9	180	ug/Kg
98-95-3	Nitrobenzene	1500		69	45.9	180	ug/Kg
78-59-1	Isophorone	1300		71	45.9	180	ug/Kg
88-75-5	2-Nitrophenol	1600		65	45.9	180	ug/Kg
105-67-9	2,4-Dimethylphenol	590		35	45.9	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		49	45.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		41	45.9	180	ug/Kg
91-20-3	Naphthalene	1500		26	45.9	180	ug/Kg
106-47-8	4-Chloroaniline	1100		39	45.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	1800		38	45.9	180	ug/Kg
105-60-2	Caprolactam	1200		69	89	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		44	45.9	180	ug/Kg
90-12-0	1-Methylnaphthalene	1400		26	45.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	1400		35	45.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	J	100	89	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		26	45.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		36	45.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0005MSD	SDG No.:	BG060624
Lab Sample ID:	P2739-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061521.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700		28	45.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	1700		36	45.9	180	ug/Kg
88-74-4	2-Nitroaniline	1400		49	45.9	180	ug/Kg
131-11-3	Dimethylphthalate	1400		32	45.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		22	45.9	180	ug/Kg
208-96-8	Acenaphthylene	1500		31	45.9	180	ug/Kg
99-09-2	3-Nitroaniline	1500		71	89	360	ug/Kg
83-32-9	Acenaphthene	1600		28	45.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	970		140	89	360	ug/Kg
100-02-7	4-Nitrophenol	1300		47	89	360	ug/Kg
132-64-9	Dibenzofuran	1600		29	45.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		38	45.9	180	ug/Kg
84-66-2	Diethylphthalate	1400		36	45.9	180	ug/Kg
86-73-7	Fluorene	1500		29	45.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		22	45.9	180	ug/Kg
100-01-6	4-Nitroaniline	1600		26	89	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		41	89	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1700		26	45.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		37	45.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		28	45.9	180	ug/Kg
118-74-1	Hexachlorobenzene	1400		30	45.9	180	ug/Kg
1912-24-9	Atrazine	1500		30	89	360	ug/Kg
87-86-5	Pentachlorophenol	1500		95	89	360	ug/Kg
85-01-8	Phenanthrene	1700		29	45.9	180	ug/Kg
608-93-5	Pentachlorobenzene	1800		40	45.9	180	ug/Kg
120-12-7	Anthracene	1600		27	45.9	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2000		18	45.9	180	ug/Kg
86-74-8	Carbazole	1500		37	89	360	ug/Kg
84-74-2	Di-n-butylphthalate	1600		29	45.9	180	ug/Kg
206-44-0	Fluoranthene	1900		21	89	180	ug/Kg



Client:			Date Collected:	6/4/2024 12:00:00 AM	
Project:			Date Received:	6/4/2024 12:00:00 AM	
Client Sample ID:	E0005MSD		SDG No.:	BG060624	
Lab Sample ID:	P2739-04MSD		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	7.4	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	500	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061521.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		19	45.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	1600		24	45.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		56	89	360	ug/Kg
56-55-3	Benzo(a)anthracene	1800		25	45.9	180	ug/Kg
218-01-9	Chrysene	1800		26	45.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		27	45.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		52	89	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		40	45.9	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		41	45.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	940		33	45.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		30	45.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		28	45.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	35	45.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		39	45.9	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.74		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	12.761		20-120		32	SPK: -40
4165-62-2	Phenol-d5	28.987		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.388		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.97		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	26.584		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	37.909		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.028		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.698		10-140		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.344		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.385		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	37.271		15-120		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.279		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	36.34		20-140		91	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	E0005MSD	SDG No.:	BG060624
Lab Sample ID:	P2739-04MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061521.D	1	6/5/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.411		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	38.825		10-150		97	SPK: -40
1718-52-1	Pyrene-d10	33.447		10-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.772		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28819	7.879				
1146-65-2	Naphthalene-d8	100473	10.67				
15067-26-2	Acenaphthene-d10	70280	14.512				
1517-22-2	Phenanthrene-d10	161746	17.262				
1719-03-5	Chrysene-d12	171506	21.522				
1520-96-3	Perylene-d12	192304	24.612				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW9	SDG No.:	BG060624
Lab Sample ID:	P2634-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BG061522.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	97.6	390	ug/Kg
110-86-1	Pyridine	91	U	91	200	390	ug/Kg
108-95-2	Phenol	36	U	36	97.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.6	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.3	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.6	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.6	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	97.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	50.3	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.3	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.3	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.3	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.3	200	ug/Kg
91-20-3	Naphthalene	28	U	28	50.3	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.3	200	ug/Kg
105-60-2	Caprolactam	76	U	76	97.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW9	SDG No.:	BG060624
Lab Sample ID:	P2634-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BG061522.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.3	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.3	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.3	200	ug/Kg
208-96-8	Acenaphthylene	79	J	34	50.3	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.6	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.6	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.6	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.3	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.3	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.3	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.6	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.3	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.3	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.6	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.6	390	ug/Kg
85-01-8	Phenanthrene	540		32	50.3	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.3	200	ug/Kg
120-12-7	Anthracene	70	J	30	50.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.3	200	ug/Kg
86-74-8	Carbazole	57	J	40	97.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.3	200	ug/Kg
206-44-0	Fluoranthene	1100		22	97.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW9	SDG No.:	BG060624
Lab Sample ID:	P2634-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BG061522.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		21	50.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	4000	E	26	50.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	97.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	620		27	50.3	200	ug/Kg
218-01-9	Chrysene	720		28	50.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310		30	50.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	910		44	50.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	320		45	50.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	680		37	50.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390		33	50.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	31	50.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	440		38	50.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.802		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	14.675		20-120		37	SPK: -40
4165-62-2	Phenol-d5	21.355		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.626		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.429		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	20.062		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	29.19		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.728		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.314		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.508		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.241		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	29.903		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.671		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	28.738		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW9	SDG No.:	BG060624
Lab Sample ID:	P2634-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BG061522.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.096		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	30.761		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	29.714		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.079		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35575	7.882				
1146-65-2	Naphthalene-d8	122254	10.667				
15067-26-2	Acenaphthene-d10	85190	14.51				
1517-22-2	Phenanthrene-d10	191072	17.259				
1719-03-5	Chrysene-d12	205968	21.519				
1520-96-3	Perylene-d12	235884	24.615				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			3.111	
016626-39-4	5,5-Dimethyl-1-vinylbicyclo[2.1.1]	89	J			7.318	
001119-40-0	Pentanedioic acid, dimethyl ester	81	J			9.586	
000770-35-4	1-Phenoxypropan-2-ol	99	J			11.413	
002531-84-2	Phenanthrene, 2-methyl-	200	J			18.135	
000832-69-9	Phenanthrene, 1-methyl-	220	J			18.188	
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J			18.329	
000832-71-3	Phenanthrene, 3-methyl-	100	J			18.37	
010387-13-0	9,10-di(Chloromethyl)anthracene	110	J			18.634	
000084-65-1	9,10-Anthracenedione	140	J			18.687	
001576-67-6	Phenanthrene, 3,6-dimethyl-	190	J			19.057	
000483-87-4	Phenanthrene, 1,7-dimethyl-	81	J			19.116	
005737-13-3	Cyclopenta(def)phenanthrenone	130	J			19.204	
003442-78-2	Pyrene, 2-methyl-	110	J			20.179	
001705-84-6	Triphenylene, 2-methyl-	130	J			22.224	
	unknown-01	98	J			22.383	
	unknown-02	110	J			22.488	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW9	SDG No.:	BG060624
Lab Sample ID:	P2634-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BG061522.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000638-58-4	Tetradecanamide	98	J			22.923	
	unknown-03	170	J			23.282	
	unknown-04	310	J			23.434	
012260-67-2	(1-Cyclopentenyl)ferrocene	180	J			23.881	
000198-55-0	Perylene	480	J			24.328	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX8	SDG No.:	BG060624
Lab Sample ID:	P2634-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061523.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	80	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99.4	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.4	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.4	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.2	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	99.4	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.4	400	ug/Kg
98-86-2	Acetophenone	80	U	80	99.4	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.4	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	51.2	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	51.2	200	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51.2	200	ug/Kg
78-59-1	Isophorone	80	U	80	51.2	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	51.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.2	200	ug/Kg
91-20-3	Naphthalene	49	J	29	51.2	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	51.2	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.2	200	ug/Kg
105-60-2	Caprolactam	77	U	77	99.4	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	51.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	51	J	39	51.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.4	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX8	SDG No.:	BG060624
Lab Sample ID:	P2634-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061523.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.2	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.2	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.2	200	ug/Kg
208-96-8	Acenaphthylene	80	J	35	51.2	200	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.4	400	ug/Kg
83-32-9	Acenaphthene	69	J	31	51.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.4	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.4	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.2	200	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.2	200	ug/Kg
86-73-7	Fluorene	54	J	33	51.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.2	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.4	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.4	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.2	200	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.2	200	ug/Kg
1912-24-9	Atrazine	34	U	34	99.4	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.4	400	ug/Kg
85-01-8	Phenanthrene	990		33	51.2	200	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.2	200	ug/Kg
120-12-7	Anthracene	150	J	30	51.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	51.2	200	ug/Kg
86-74-8	Carbazole	110	J	41	99.4	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.2	200	ug/Kg
206-44-0	Fluoranthene	2200		23	99.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX8	SDG No.:	BG060624
Lab Sample ID:	P2634-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061523.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800		22	51.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	150	J	27	51.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.4	400	ug/Kg
56-55-3	Benzo(a)anthracene	1000		28	51.2	200	ug/Kg
218-01-9	Chrysene	1300		29	51.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	380		30	51.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.4	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		45	51.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	550		46	51.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	770		37	51.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	520		34	51.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200		31	51.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	39	51.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	51.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.646		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	10.845		20-120		27	SPK: -40
4165-62-2	Phenol-d5	24.503		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.932		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.793		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	23.502		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	31.077		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.615		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.365		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.44		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.746		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	31.311		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.07		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	30.307		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX8	SDG No.:	BG060624
Lab Sample ID:	P2634-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061523.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.28		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	33.054		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	29.817		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.141		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30388	7.882				
1146-65-2	Naphthalene-d8	109346	10.667				
15067-26-2	Acenaphthene-d10	75014	14.509				
1517-22-2	Phenanthrene-d10	169431	17.259				
1719-03-5	Chrysene-d12	184602	21.519				
1520-96-3	Perylene-d12	209889	24.615				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.111	
000079-39-0	Methacrylamide	91	J			3.887	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.407	
000486-25-9	9H-Fluoren-9-one	96	J			16.918	
007372-88-5	Dibenzothiophene, 4-methyl-	100	J			17.841	
000610-48-0	Anthracene, 1-methyl-	310	J			18.14	
000613-12-7	Anthracene, 2-methyl-	370	J			18.188	
000203-64-5	4H-Cyclopenta[def]phenanthrene	390	J			18.328	
000832-69-9	Phenanthrene, 1-methyl-	170	J			18.37	
034373-96-1	9,10-Bis(bromomethyl)anthracene	190	J			18.634	
000084-65-1	9,10-Anthracenedione	260	J			18.687	
001576-69-8	Phenanthrene, 2,7-dimethyl-	120	J			18.887	
002789-88-0	di-p-Tolylacetylene	130	J			18.934	
000483-87-4	Phenanthrene, 1,7-dimethyl-	88	J			18.975	
000781-43-1	9,10-Dimethylanthracene	320	J			19.057	
005737-13-3	Cyclopenta(def)phenanthrenone	240	J			19.204	
000723-98-8	1H-Cyclopenta[l]phenanthrene, 2,3-	82	J			19.38	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX8	SDG No.:	BG060624
Lab Sample ID:	P2634-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BG061523.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002381-21-7	Pyrene, 1-methyl-	120	J			20.009	
000243-17-4	11H-Benzo[b]fluorene	130	J			20.179	
000479-79-8	11H-Benzo[a]fluoren-11-one	96	J			20.937	
000082-05-3	7H-Benz[de]anthracen-7-one	90	J			21.26	
071949-03-6	4b,10b-Dihydro-4b,10b-methanochrys	82	J			22.224	
002498-76-2	Benz[a]anthracene, 2-methyl-	110	J			22.294	
000112-84-5	13-Docosenamide, (Z)-	150	J			22.929	
000192-97-2	Benzo[e]pyrene	460	J			24.327	
E966796	Total Alkanes	31	U			99	ug/Kg



Client:				Date Collected:	5/24/2024 12:00:00 AM	
Project:				Date Received:	5/24/2024 12:00:00 AM	
Client Sample ID:	BHBY6			SDG No.:	BG060624	
Lab Sample ID:	P2634-22			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	12	
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
BG061524.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

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
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.4	370	ug/Kg
108-95-2	Phenol	34	U	34	93.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.4	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.1	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.4	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.4	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	48.1	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.1	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	48.1	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.1	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.1	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.1	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.1	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.4	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:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY6	SDG No.:	BG060624
Lab Sample ID:	P2634-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12
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
BG061524.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.1	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.1	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.1	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.1	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.4	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.4	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.4	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.1	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.1	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.1	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	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	93.4	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.4	370	ug/Kg
85-01-8	Phenanthrene	140	J	31	48.1	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.1	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.1	190	ug/Kg
86-74-8	Carbazole	39	U	39	93.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.1	190	ug/Kg
206-44-0	Fluoranthene	320		22	93.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY6	SDG No.:	BG060624
Lab Sample ID:	P2634-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12
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
BG061524.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	280		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	93.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	26	48.1	190	ug/Kg
218-01-9	Chrysene	170	J	27	48.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	210		42	48.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	J	43	48.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	35	48.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93	J	32	48.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	36	48.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.1	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	18.011		20-120		45	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.458		15-120		56	SPK: -8
4165-62-2	Phenol-d5	20.071		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.558		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.403		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	19.307		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	26.479		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.039		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.965		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.716		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.791		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.858		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.993		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	24.84		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY6	SDG No.:	BG060624
Lab Sample ID:	P2634-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12
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
BG061524.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.19		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	25.164		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	25.324		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.159		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37837	7.882				
1146-65-2	Naphthalene-d8	131785	10.667				
15067-26-2	Acenaphthene-d10	91529	14.509				
1517-22-2	Phenanthrene-d10	212832	17.259				
1719-03-5	Chrysene-d12	227291	21.519				
1520-96-3	Perylene-d12	261239	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			3.105	
000057-10-3	n-Hexadecanoic acid	130	J			18.158	
	(DEL) Alkane: Straight-Chain	120	J			21.178	
000124-26-5	Octadecanamide	310	J			22.923	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX7	SDG No.:	BG060624
Lab Sample ID:	P2634-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061525.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.6	87	ug/Kg
100-52-7	Benzaldehyde	76	U	76	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	220	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.6	220	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	86	U	86	110	430	ug/Kg
106-44-5	4-Methylphenol	69	U	69	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.6	220	ug/Kg
67-72-1	Hexachloroethane	80	U	80	55.6	220	ug/Kg
98-95-3	Nitrobenzene	84	U	84	55.6	220	ug/Kg
78-59-1	Isophorone	86	U	86	55.6	220	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	55.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	55.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	55.6	220	ug/Kg
91-20-3	Naphthalene	62	J	31	55.6	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.6	430	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	55.6	220	ug/Kg
105-60-2	Caprolactam	84	U	84	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	55.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	46	J	31	55.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	66	J	42	55.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.6	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX7	SDG No.:	BG060624
Lab Sample ID:	P2634-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061525.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.6	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	55.6	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.6	220	ug/Kg
208-96-8	Acenaphthylene	100	J	38	55.6	220	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	110	430	ug/Kg
83-32-9	Acenaphthene	92	J	34	55.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	430	ug/Kg
132-64-9	Dibenzofuran	53	J	35	55.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	55.6	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.6	220	ug/Kg
86-73-7	Fluorene	68	J	35	55.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.6	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	55.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	55.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.6	220	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	55.6	220	ug/Kg
1912-24-9	Atrazine	37	U	37	110	430	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	430	ug/Kg
85-01-8	Phenanthrene	1300		35	55.6	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55.6	220	ug/Kg
120-12-7	Anthracene	180	J	33	55.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.6	220	ug/Kg
86-74-8	Carbazole	130	J	45	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.6	220	ug/Kg
206-44-0	Fluoranthene	2900		25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX7	SDG No.:	BG060624
Lab Sample ID:	P2634-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061525.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2300		24	55.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	190	J	29	55.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	1400		30	55.6	220	ug/Kg
218-01-9	Chrysene	1700		31	55.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	710		33	55.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		48	55.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	730		50	55.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	970		41	55.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	660		37	55.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	290		34	55.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	42	55.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.24		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	13.288		20-120		33	SPK: -40
4165-62-2	Phenol-d5	26.319		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.208		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.858		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	24.7		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	33.841		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.626		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.113		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.141		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.413		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	34.743		15-120		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.861		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	33.375		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX7	SDG No.:	BG060624
Lab Sample ID:	P2634-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061525.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.368		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	36.439		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	32.016		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.473		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32379	7.883				
1146-65-2	Naphthalene-d8	116024	10.668				
15067-26-2	Acenaphthene-d10	78951	14.51				
1517-22-2	Phenanthrene-d10	179820	17.26				
1719-03-5	Chrysene-d12	197498	21.52				
1520-96-3	Perylene-d12	235699	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.112	
	unknown-01	150	J			3.641	
	unknown-02	110	J			3.887	
001119-40-0	Pentanedioic acid, dimethyl ester	95	J			9.587	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.408	
	unknown-03	96	J			16.238	
000486-25-9	9H-Fluoren-9-one	110	J			16.919	
	unknown-04	100	J			17.166	
1000383-55-1	2-Methyldibenzothiophene	110	J			17.848	
091077-10-0	Phenanthrene, 1,2,3,3a-tetrahydro-	100	J			18.059	
000610-48-0	Anthracene, 1-methyl-	390	J			18.141	
000638-53-9	Tridecanoic acid	210	J			18.165	
000832-69-9	Phenanthrene, 1-methyl-	410	J			18.188	
000203-64-5	4H-Cyclopenta[def]phenanthrene	480	J			18.329	
000779-02-2	Anthracene, 9-methyl-	170	J			18.37	
004627-17-2	9H-Fluoren-9-one, 2,3-dimethyl-	100	J			18.453	
000612-94-2	Naphthalene, 2-phenyl-	210	J			18.635	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX7	SDG No.:	BG060624
Lab Sample ID:	P2634-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061525.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000084-65-1	9,10-Anthracenedione	330	J			18.688	
001576-69-8	Phenanthrene, 2,7-dimethyl-	120	J			18.882	
001576-67-6	Phenanthrene, 3,6-dimethyl-	150	J			18.934	
000781-43-1	9,10-Dimethylanthracene	91	J			18.976	
002789-88-0	di-p-Tolylacetylene	390	J			19.058	
005737-13-3	Cyclopenta(def)phenanthrenone	320	J			19.205	
000243-17-4	11H-Benzo[b]fluorene	130	J			20.004	
002381-21-7	Pyrene, 1-methyl-	150	J			20.18	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			20.938	
003351-28-8	Chrysene, 1-methyl-	190	J			22.289	
000301-02-0	9-Octadecenamide, (Z)-	180	J			22.93	
	(DEL) Alkane: Cyclic23.782	730	J			23.782	
000198-55-0	Perylene	270	J			23.887	
000192-97-2	Benzo[e]pyrene	390	J			24.334	
	(DEL) Alkane: Straight-Chain25.680	550	J			25.68	
	(DEL) Alkane: Straight-Chain28.511	260	J			28.511	
E966796	Total Alkanes	1500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY3	SDG No.:	BG060624
Lab Sample ID:	P2634-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BG061526.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	94.8	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.8	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.9	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.8	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.8	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	48.9	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.9	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	48.9	200	ug/Kg
78-59-1	Isophorone	76	U	76	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.9	200	ug/Kg
91-20-3	Naphthalene	53	J	28	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.9	200	ug/Kg
105-60-2	Caprolactam	74	U	74	94.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	51	J	37	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY3	SDG No.:	BG060624
Lab Sample ID:	P2634-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BG061526.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.9	200	ug/Kg
208-96-8	Acenaphthylene	97	J	33	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.8	380	ug/Kg
83-32-9	Acenaphthene	69	J	30	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.8	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	94.8	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.9	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.9	200	ug/Kg
86-73-7	Fluorene	69	J	31	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	94.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.9	200	ug/Kg
1912-24-9	Atrazine	32	U	32	94.8	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.8	380	ug/Kg
85-01-8	Phenanthrene	1200		31	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	48.9	200	ug/Kg
120-12-7	Anthracene	170	J	29	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	48.9	200	ug/Kg
86-74-8	Carbazole	130	J	39	94.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.9	200	ug/Kg
206-44-0	Fluoranthene	2600		22	94.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY3	SDG No.:	BG060624
Lab Sample ID:	P2634-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BG061526.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2100		21	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	1300		26	48.9	200	ug/Kg
218-01-9	Chrysene	1500		28	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	89	J	29	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		43	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	580		44	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	850		36	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	560		32	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	220		30	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	37	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.716		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	11.358		20-120		28	SPK: -40
4165-62-2	Phenol-d5	21.341		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.174		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.467		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	17.753		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	27.755		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.372		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.244		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.232		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.292		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.237		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.896		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	25.83		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY3	SDG No.:	BG060624
Lab Sample ID:	P2634-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BG061526.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.37		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	28.398		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	26.333		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.899		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	35139	7.878				
1146-65-2	Naphthalene-d8	125809	10.669				
15067-26-2	Acenaphthene-d10	87246	14.512				
1517-22-2	Phenanthrene-d10	196776	17.262				
1719-03-5	Chrysene-d12	209814	21.521				
1520-96-3	Perylene-d12	245462	24.612				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	10000	J			3.108	
000079-39-0	Methacrylamide	260	J			3.889	
	unknown-01	96	J			16.239	
000230-31-9	Benzo[h]cinnoline	100	J			16.921	
000132-65-0	Dibenzothiophene	92	J			17.079	
1000383-55-1	2-Methyldibenzothiophene	120	J			17.843	
000832-69-9	Phenanthrene, 1-methyl-	440	J			18.137	
004505-48-0	1H-Indene, 2-phenyl-	420	J			18.184	
000203-64-5	4H-Cyclopenta[def]phenanthrene	490	J			18.331	
000779-02-2	Anthracene, 9-methyl-	190	J			18.372	
	unknown-02	84	J			18.454	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	200	J			18.637	
000084-65-1	9,10-Anthracenedione	320	J			18.683	
003674-69-9	Phenanthrene, 4,5-dimethyl-	170	J			18.883	
001576-67-6	Phenanthrene, 3,6-dimethyl-	95	J			18.936	
002789-88-0	di-p-Tolylacetylene	85	J			18.977	
003674-66-6	Phenanthrene, 2,5-dimethyl-	360	J			19.06	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY3	SDG No.:	BG060624
Lab Sample ID:	P2634-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13
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
BG061526.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005737-13-3	Cyclopenta(def)phenanthrenone	290	J			19.201	
000613-59-2	Naphthalene, 2-(phenylmethyl)-	110	J			19.383	
000243-17-4	11H-Benzo[b]fluorene	130	J			20.176	
003442-78-2	Pyrene, 2-methyl-	88	J			20.34	
000479-79-8	11H-Benzo[a]fluoren-11-one	98	J			20.934	
000082-05-3	7H-Benz[de]anthracen-7-one	93	J			21.263	
001705-84-6	Triphenylene, 2-methyl-	85	J			22.226	
001705-85-7	Chrysene, 6-methyl-	93	J			22.291	
000301-02-0	9-Octadecenamide, (Z)-	160	J			22.926	
000198-55-0	Perylene	260	J			23.883	
000192-97-2	Benzo[e]pyrene	510	J			24.33	
001616-93-9	Olean-12-en-3-ol, acetate, (3.beta	1300	J			30.158	
000638-97-1	.beta.-Amyrone	11000	J			31.116	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY2	SDG No.:	BG060624
Lab Sample ID:	P2634-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061527.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	71	U	71	100	400	ug/Kg
110-86-1	Pyridine	94	U	94	200	400	ug/Kg
108-95-2	Phenol	37	U	37	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	81	U	81	100	400	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	52	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	52	210	ug/Kg
78-59-1	Isophorone	81	U	81	52	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	52	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52	210	ug/Kg
91-20-3	Naphthalene	57	J	29	52	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	52	210	ug/Kg
90-12-0	1-Methylnaphthalene	49	J	29	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	J	39	52	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	52	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	52	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY2	SDG No.:	BG060624
Lab Sample ID:	P2634-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061527.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	52	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	52	210	ug/Kg
208-96-8	Acenaphthylene	150	J	36	52	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	400	ug/Kg
83-32-9	Acenaphthene	220		32	52	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	64	J	33	52	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	52	210	ug/Kg
86-73-7	Fluorene	160	J	33	52	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	52	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	52	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	2800		33	52	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52	210	ug/Kg
120-12-7	Anthracene	410		31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52	210	ug/Kg
86-74-8	Carbazole	300	J	42	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52	210	ug/Kg
206-44-0	Fluoranthene	6000	E	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY2	SDG No.:	BG060624
Lab Sample ID:	P2634-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061527.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4800	E	22	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	150	J	27	52	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	2800		28	52	210	ug/Kg
218-01-9	Chrysene	3200		29	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550		31	52	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	4100	E	45	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		47	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	1900		38	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		34	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	450		32	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	J	39	52	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.713		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	8.689		20-120		22	SPK: -40
4165-62-2	Phenol-d5	18.942		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.788		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.358		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	18.202		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	23.197		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.811		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.755		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.369		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.11		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	24.091		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.887		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	22.881		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY2	SDG No.:	BG060624
Lab Sample ID:	P2634-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061527.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.872		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	26.013		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	22.506		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.446		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32492	7.882				
1146-65-2	Naphthalene-d8	116387	10.667				
15067-26-2	Acenaphthene-d10	80943	14.509				
1517-22-2	Phenanthrene-d10	180051	17.259				
1719-03-5	Chrysene-d12	200997	21.524				
1520-96-3	Perylene-d12	231503	24.621				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	10000	J			3.111	
002235-15-6	1(2H)-Acenaphthylenone	130	J			16.236	
001430-97-3	9H-Fluorene, 2-methyl-	100	J			16.566	
000486-25-9	9H-Fluoren-9-one	140	J			16.918	
000132-65-0	Dibenzothiophene	150	J			17.077	
017057-98-6	9H-Fluorene, 1,9-dimethyl-	120	J			17.453	
006574-36-3	Cyclobuta[1,2:3,4:3,4:3,4	110	J			17.776	
1000383-55-1	2-Methyldibenzothiophene	180	J			17.84	
002531-84-2	Phenanthrene, 2-methyl-	620	J			18.14	
000832-69-9	Phenanthrene, 1-methyl-	640	J			18.187	
000203-64-5	4H-Cyclopenta[def]phenanthrene	950	J			18.334	
000610-48-0	Anthracene, 1-methyl-	300	J			18.369	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	360	J			18.64	
000084-65-1	9,10-Anthracenedione	630	J			18.687	
003674-66-6	Phenanthrene, 2,5-dimethyl-	210	J			18.886	
001576-67-6	Phenanthrene, 3,6-dimethyl-	220	J			18.933	
002789-88-0	di-p-Tolylacetylene	140	J			18.974	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBY2	SDG No.:	BG060624
Lab Sample ID:	P2634-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061527.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000781-43-1	9,10-Dimethylanthracene	550	J			19.057	
005737-13-3	Cyclopenta(def)phenanthrenone	530	J			19.204	
029304-63-0	Naphthalene, 2-methyl-1-phenyl-	200	J			19.386	
002381-21-7	Pyrene, 1-methyl-	120	J			20.02	
000243-17-4	11H-Benzo[b]fluorene	150	J			20.179	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	130	J			21.113	
027208-37-3	Cyclopenta[cd]pyrene	130	J			21.201	
001705-84-6	Triphenylene, 2-methyl-	100	J			22.23	
002381-31-9	Benz[a]anthracene, 8-methyl-	100	J			22.294	
1010396-70-2	9(10H)-anthracenone, 1,4-dimethoxy	510	J			23.287	
007773-83-3	1-Docosanethiol	710	J			23.787	
000192-97-2	Benzo[e]pyrene	710	J			23.892	
000205-82-3	Benzo[j]fluoranthene	1200	J			24.339	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	SLCS346	SDG No.:	BG060624
Lab Sample ID:	PB161346BS	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
BG061528.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	370		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1000		58	82.5	330	ug/Kg
110-86-1	Pyridine	790		77	170	330	ug/Kg
108-95-2	Phenol	850		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	860		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	940		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	860		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	690		40	82.5	330	ug/Kg
98-86-2	Acetophenone	790		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	830		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	730		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	970		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	980		64	42.5	170	ug/Kg
78-59-1	Isophorone	840		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	860		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	920		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	860		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		35	42.5	170	ug/Kg
105-60-2	Caprolactam	810		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	910		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	950		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	950		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98	J	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	SLCS346	SDG No.:	BG060624
Lab Sample ID:	PB161346BS	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
BG061528.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1200		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	970		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1100		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	380		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	960		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	970		33	42.5	170	ug/Kg
86-73-7	Fluorene	1100		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	640		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1200		28	42.5	170	ug/Kg
1912-24-9	Atrazine	1100		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1200		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1300		37	42.5	170	ug/Kg
120-12-7	Anthracene	1100		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		17	42.5	170	ug/Kg
86-74-8	Carbazole	1200		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	SLCS346	SDG No.:	BG060624
Lab Sample ID:	PB161346BS	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
BG061528.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		23	42.5	170	ug/Kg
218-01-9	Chrysene	1200		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1000		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.476		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	23.78		20-120		59	SPK: -40
4165-62-2	Phenol-d5	25.698		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.065		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.755		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	25.535		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	32.753		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.944		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.403		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.83		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.012		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	33.297		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.83		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	32.029		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	6/5/2024 12:00:00 AM
Project:		Date Received:	6/5/2024 12:00:00 AM
Client Sample ID:	SLCS346	SDG No.:	BG060624
Lab Sample ID:	PB161346BS	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
BG061528.D	1	6/5/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161346

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.599		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	35.892		10-150		90	SPK: -40
1718-52-1	Pyrene-d10	34.285		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.238		10-140		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30934	7.881				
1146-65-2	Naphthalene-d8	110195	10.672				
15067-26-2	Acenaphthene-d10	77377	14.509				
1517-22-2	Phenanthrene-d10	176734	17.259				
1719-03-5	Chrysene-d12	190888	21.518				
1520-96-3	Perylene-d12	212713	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BHBR6DL								
P2623-11DL	BHBR6DL	Solid	11H-Benzo[a]fluoren-11-one	*	550.000	JD		
P2623-11DL	BHBR6DL	Solid	1H-Indole, 1-methyl-2-phenyl-	*	560.000	JD		
P2623-11DL	BHBR6DL	Solid	4H-Cyclopenta[def]phenanthrene	*	1,200.000	JD		
P2623-11DL	BHBR6DL	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	600.000	JD		
P2623-11DL	BHBR6DL	Solid	6H-Benz[de]anthracen-6-one	*	490.000	JD		
P2623-11DL	BHBR6DL	Solid	9,10-Anthracenedione	*	660.000	JD		
P2623-11DL	BHBR6DL	Solid	9H-Fluoren-9-one	*	540.000	JD		
P2623-11DL	BHBR6DL	Solid	Anthracene, 2-methyl-	*	1,100.000	JD		
P2623-11DL	BHBR6DL	Solid	Benzo[e]pyrene	*	570.000	JD		
P2623-11DL	BHBR6DL	Solid	Butane, 2-methoxy-2-methyl-	*	17,000.000	JD		
P2623-11DL	BHBR6DL	Solid	Cyclopenta(def)phenanthrenone	*	740.000	JD		
P2623-11DL	BHBR6DL	Solid	Perylene	*	660.000	JD		
P2623-11DL	BHBR6DL	Solid	Phenanthrene, 1-methyl-	*	800.000	JD		
P2623-11DL	BHBR6DL	Solid	unknown-01	*	830.000	JD		
P2623-11DL	BHBR6DL	Solid	Total Alkanes	*	0.000	D 180	1200	ug/Kg
Total Tics :					26,300.00			
P2623-11DL	BHBR6DL	Solid	Acenaphthene		550.000	JD 180	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Anthracene		1,600.000	D 180	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Benzo(a)anthracene		3,600.000	D 160	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Benzo(a)pyrene		1,700.000	D 220	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Benzo(b)fluoranthene		4,000.000	D 260	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Benzo(k)fluoranthene		1,400.000	D 270	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Bis(2-ethylhexyl)phthalate		480.000	JD 180	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Carbazole		820.000	JD 240	2300	ug/Kg
P2623-11DL	BHBR6DL	Solid	Chrysene		3,400.000	D 170	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Dibenzo(a,h)anthracene		510.000	JD 180	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Dibenzofuran		550.000	JD 190	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Fluoranthene		8,200.000	D 130	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Fluorene		590.000	JD 190	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Indeno(1,2,3-cd)pyrene		1,100.000	JD 200	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Naphthalene		350.000	JD 170	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Phenanthrene		7,500.000	D 190	1200	ug/Kg
P2623-11DL	BHBR6DL	Solid	Pyrene		5,300.000	D 130	1200	ug/Kg
Total Svoc :					41,650.00			
Total Concentration:					67,950.00			

Client ID : BHBW9

P2634-03	BHBW9	Solid	(1-Cyclopentenyl)ferrocene	*	180.000	J		
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Hit Summary Sheet SW-846

SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-03	BHBW9	Solid	1-Phenoxypropan-2-ol	*	99.000	J		
P2634-03	BHBW9	Solid	4H-Cyclopenta[def]phenanthrene	*	230.000	J		
P2634-03	BHBW9	Solid	5,5-Dimethyl-1-vinylbicyclo[2.1.1]	*	89.000	J		
P2634-03	BHBW9	Solid	9,10-Anthracenedione	*	140.000	J		
P2634-03	BHBW9	Solid	9,10-di(Chloromethyl)anthracene	*	110.000	J		
P2634-03	BHBW9	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2634-03	BHBW9	Solid	Cyclopenta(def)phenanthrenone	*	130.000	J		
P2634-03	BHBW9	Solid	Pentanedioic acid, dimethyl ester	*	81.000	J		
P2634-03	BHBW9	Solid	Perylene	*	480.000	J		
P2634-03	BHBW9	Solid	Phenanthrene, 1,7-dimethyl-	*	81.000	J		
P2634-03	BHBW9	Solid	Phenanthrene, 1-methyl-	*	220.000	J		
P2634-03	BHBW9	Solid	Phenanthrene, 2-methyl-	*	200.000	J		
P2634-03	BHBW9	Solid	Phenanthrene, 3,6-dimethyl-	*	190.000	J		
P2634-03	BHBW9	Solid	Phenanthrene, 3-methyl-	*	100.000	J		
P2634-03	BHBW9	Solid	Pyrene, 2-methyl-	*	110.000	J		
P2634-03	BHBW9	Solid	Tetradecanamide	*	98.000	J		
P2634-03	BHBW9	Solid	Triphenylene, 2-methyl-	*	130.000	J		
P2634-03	BHBW9	Solid	unknown-01	*	98.000	J		
P2634-03	BHBW9	Solid	unknown-02	*	110.000	J		
P2634-03	BHBW9	Solid	unknown-03	*	170.000	J		
P2634-03	BHBW9	Solid	unknown-04	*	310.000	J		
P2634-03	BHBW9	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :				4,856.00				
P2634-03	BHBW9	Solid	Acenaphthylene		79.000	J 34	200	ug/Kg
P2634-03	BHBW9	Solid	Anthracene		70.000	J 30	200	ug/Kg
P2634-03	BHBW9	Solid	Benzo(a)anthracene		620.000	27	200	ug/Kg
P2634-03	BHBW9	Solid	Benzo(a)pyrene		680.000	37	200	ug/Kg
P2634-03	BHBW9	Solid	Benzo(b)fluoranthene		910.000	44	200	ug/Kg
P2634-03	BHBW9	Solid	Benzo(g,h,i)perylene		440.000	38	200	ug/Kg
P2634-03	BHBW9	Solid	Benzo(k)fluoranthene		320.000	45	200	ug/Kg
P2634-03	BHBW9	Solid	Bis(2-ethylhexyl)phthalate		310.000	30	200	ug/Kg
P2634-03	BHBW9	Solid	Butylbenzylphthalate		4,000.000	E 26	200	ug/Kg
P2634-03	BHBW9	Solid	Carbazole		57.000	J 40	390	ug/Kg
P2634-03	BHBW9	Solid	Chrysene		720.000	28	200	ug/Kg
P2634-03	BHBW9	Solid	Dibenzo(a,h)anthracene		130.000	J 31	200	ug/Kg
P2634-03	BHBW9	Solid	Fluoranthene		1,100.000	22	200	ug/Kg
P2634-03	BHBW9	Solid	Indeno(1,2,3-cd)pyrene		390.000	33	200	ug/Kg
P2634-03	BHBW9	Solid	Phenanthrene		540.000	32	200	ug/Kg
P2634-03	BHBW9	Solid	Pyrene		1,100.000	21	200	ug/Kg
Total Svoc :				11,466.00				

Hit Summary Sheet SW-846

SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				16,322.00				
Client ID :	BHBX7							
P2634-13	BHBX7	Solid	(DEL) Alkane: Cyclic23.782	*	730.000	J		
P2634-13	BHBX7	Solid	(DEL) Alkane: Straight-Chain25.6	*	550.000	J		
P2634-13	BHBX7	Solid	(DEL) Alkane: Straight-Chain28.4	*	260.000	J		
P2634-13	BHBX7	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P2634-13	BHBX7	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		
P2634-13	BHBX7	Solid	11H-Benzo[b]fluorene	*	130.000	J		
P2634-13	BHBX7	Solid	2-Methyldibenzothiophene	*	110.000	J		
P2634-13	BHBX7	Solid	4H-Cyclopenta[def]phenanthrene	*	480.000	J		
P2634-13	BHBX7	Solid	9,10-Anthracenedione	*	330.000	J		
P2634-13	BHBX7	Solid	9,10-Dimethylanthracene	*	91.000	J		
P2634-13	BHBX7	Solid	9-Octadecenamide, (Z)-	*	180.000	J		
P2634-13	BHBX7	Solid	9H-Fluoren-9-one	*	110.000	J		
P2634-13	BHBX7	Solid	9H-Fluoren-9-one, 2,3-dimethyl-	*	100.000	J		
P2634-13	BHBX7	Solid	Anthracene, 1-methyl-	*	390.000	J		
P2634-13	BHBX7	Solid	Anthracene, 9-methyl-	*	170.000	J		
P2634-13	BHBX7	Solid	Benzo[e]pyrene	*	390.000	J		
P2634-13	BHBX7	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J		
P2634-13	BHBX7	Solid	Chrysene, 1-methyl-	*	190.000	J		
P2634-13	BHBX7	Solid	Cyclopenta(def)phenanthrenone	*	320.000	J		
P2634-13	BHBX7	Solid	di-p-Tolylacetylene	*	390.000	J		
P2634-13	BHBX7	Solid	Naphthalene, 2-phenyl-	*	210.000	J		
P2634-13	BHBX7	Solid	Pentanedioic acid, dimethyl ester	*	95.000	J		
P2634-13	BHBX7	Solid	Perylene	*	270.000	J		
P2634-13	BHBX7	Solid	Phenanthrene, 1,2,3,3a-tetrahydro	*	100.000	J		
P2634-13	BHBX7	Solid	Phenanthrene, 1-methyl-	*	410.000	J		
P2634-13	BHBX7	Solid	Phenanthrene, 2,7-dimethyl-	*	120.000	J		
P2634-13	BHBX7	Solid	Phenanthrene, 3,6-dimethyl-	*	150.000	J		
P2634-13	BHBX7	Solid	Pyrene, 1-methyl-	*	150.000	J		
P2634-13	BHBX7	Solid	Tridecanoic acid	*	210.000	J		
P2634-13	BHBX7	Solid	unknown-01	*	150.000	J		
P2634-13	BHBX7	Solid	unknown-02	*	110.000	J		
P2634-13	BHBX7	Solid	unknown-03	*	96.000	J		
P2634-13	BHBX7	Solid	unknown-04	*	100.000	J		
P2634-13	BHBX7	Solid	Total Alkanes	*	1,500.000	34	220	ug/Kg
Total Tics :				19,842.00				
P2634-13	BHBX7	Solid	1-Methylnaphthalene		46.000	J	31	220 ug/Kg
P2634-13	BHBX7	Solid	2-Methylnaphthalene		66.000	J	42	220 ug/Kg
P2634-13	BHBX7	Solid	Acenaphthene		92.000	J	34	220 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-13	BHBX7	Solid	Acenaphthylene	100.000	J	38	220	ug/Kg
P2634-13	BHBX7	Solid	Anthracene	180.000	J	33	220	ug/Kg
P2634-13	BHBX7	Solid	Benzo(a)anthracene	1,400.000		30	220	ug/Kg
P2634-13	BHBX7	Solid	Benzo(a)pyrene	970.000		41	220	ug/Kg
P2634-13	BHBX7	Solid	Benzo(b)fluoranthene	2,100.000		48	220	ug/Kg
P2634-13	BHBX7	Solid	Benzo(g,h,i)perylene	170.000	J	42	220	ug/Kg
P2634-13	BHBX7	Solid	Benzo(k)fluoranthene	730.000		50	220	ug/Kg
P2634-13	BHBX7	Solid	Bis(2-ethylhexyl)phthalate	710.000		33	220	ug/Kg
P2634-13	BHBX7	Solid	Butylbenzylphthalate	190.000	J	29	220	ug/Kg
P2634-13	BHBX7	Solid	Carbazole	130.000	J	45	430	ug/Kg
P2634-13	BHBX7	Solid	Chrysene	1,700.000		31	220	ug/Kg
P2634-13	BHBX7	Solid	Dibenzo(a,h)anthracene	290.000		34	220	ug/Kg
P2634-13	BHBX7	Solid	Dibenzofuran	53.000	J	35	220	ug/Kg
P2634-13	BHBX7	Solid	Fluoranthene	2,900.000		25	220	ug/Kg
P2634-13	BHBX7	Solid	Fluorene	68.000	J	35	220	ug/Kg
P2634-13	BHBX7	Solid	Indeno(1,2,3-cd)pyrene	660.000		37	220	ug/Kg
P2634-13	BHBX7	Solid	Naphthalene	62.000	J	31	220	ug/Kg
P2634-13	BHBX7	Solid	Phenanthrene	1,300.000		35	220	ug/Kg
P2634-13	BHBX7	Solid	Pyrene	2,300.000		24	220	ug/Kg
Total Svoc :				16,217.00				
Total Concentration:				36,059.00				

Client ID : BHBX8

P2634-14	BHBX8	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2634-14	BHBX8	Solid	11H-Benzo[a]fluoren-11-one	*	96.000	J		
P2634-14	BHBX8	Solid	11H-Benzo[b]fluorene	*	130.000	J		
P2634-14	BHBX8	Solid	13-Docosenamide, (Z)-	*	150.000	J		
P2634-14	BHBX8	Solid	1H-Cyclopenta[l]phenanthrene, 2,	*	82.000	J		
P2634-14	BHBX8	Solid	4b,10b-Dihydro-4b,10b-methanoc	*	82.000	J		
P2634-14	BHBX8	Solid	4H-Cyclopenta[def]phenanthrene	*	390.000	J		
P2634-14	BHBX8	Solid	7H-Benz[de]anthracen-7-one	*	90.000	J		
P2634-14	BHBX8	Solid	9,10-Anthracenedione	*	260.000	J		
P2634-14	BHBX8	Solid	9,10-Bis(bromomethyl)anthracene	*	190.000	J		
P2634-14	BHBX8	Solid	9,10-Dimethylanthracene	*	320.000	J		
P2634-14	BHBX8	Solid	9H-Fluoren-9-one	*	96.000	J		
P2634-14	BHBX8	Solid	Anthracene, 1-methyl-	*	310.000	J		
P2634-14	BHBX8	Solid	Anthracene, 2-methyl-	*	370.000	J		
P2634-14	BHBX8	Solid	Benz[a]anthracene, 2-methyl-	*	110.000	J		
P2634-14	BHBX8	Solid	Benzo[e]pyrene	*	460.000	J		
P2634-14	BHBX8	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J		
P2634-14	BHBX8	Solid	Cyclopenta(def)phenanthrenone	*	240.000	J		

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SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-14	BHBX8	Solid	di-p-Tolylacetylene	*	130.000	J		
P2634-14	BHBX8	Solid	Dibenzothiophene, 4-methyl-	*	100.000	J		
P2634-14	BHBX8	Solid	Methacrylamide	*	91.000	J		
P2634-14	BHBX8	Solid	Phenanthrene, 1,7-dimethyl-	*	88.000	J		
P2634-14	BHBX8	Solid	Phenanthrene, 1-methyl-	*	170.000	J		
P2634-14	BHBX8	Solid	Phenanthrene, 2,7-dimethyl-	*	120.000	J		
P2634-14	BHBX8	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2634-14	BHBX8	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :				15,305.00				
P2634-14	BHBX8	Solid	2-Methylnaphthalene		51.000	J 39	200	ug/Kg
P2634-14	BHBX8	Solid	Acenaphthene		69.000	J 31	200	ug/Kg
P2634-14	BHBX8	Solid	Acenaphthylene		80.000	J 35	200	ug/Kg
P2634-14	BHBX8	Solid	Anthracene		150.000	J 30	200	ug/Kg
P2634-14	BHBX8	Solid	Benzo(a)anthracene		1,000.000	28	200	ug/Kg
P2634-14	BHBX8	Solid	Benzo(a)pyrene		770.000	37	200	ug/Kg
P2634-14	BHBX8	Solid	Benzo(b)fluoranthene		1,700.000	45	200	ug/Kg
P2634-14	BHBX8	Solid	Benzo(g,h,i)perylene		100.000	J 39	200	ug/Kg
P2634-14	BHBX8	Solid	Benzo(k)fluoranthene		550.000	46	200	ug/Kg
P2634-14	BHBX8	Solid	Bis(2-ethylhexyl)phthalate		380.000	30	200	ug/Kg
P2634-14	BHBX8	Solid	Butylbenzylphthalate		150.000	J 27	200	ug/Kg
P2634-14	BHBX8	Solid	Carbazole		110.000	J 41	400	ug/Kg
P2634-14	BHBX8	Solid	Chrysene		1,300.000	29	200	ug/Kg
P2634-14	BHBX8	Solid	Dibenzo(a,h)anthracene		200.000	31	200	ug/Kg
P2634-14	BHBX8	Solid	Fluoranthene		2,200.000	23	200	ug/Kg
P2634-14	BHBX8	Solid	Fluorene		54.000	J 33	200	ug/Kg
P2634-14	BHBX8	Solid	Indeno(1,2,3-cd)pyrene		520.000	34	200	ug/Kg
P2634-14	BHBX8	Solid	Naphthalene		49.000	J 29	200	ug/Kg
P2634-14	BHBX8	Solid	Phenanthrene		990.000	33	200	ug/Kg
P2634-14	BHBX8	Solid	Pyrene		1,800.000	22	200	ug/Kg
Total Svoc :				12,223.00				
Total Concentration:				27,528.00				

Client ID : BHBX2

P2634-18	BHBX2	Solid	1(2H)-Acenaphthylenone	*	130.000	J		
P2634-18	BHBX2	Solid	1-Docosanethiol	*	710.000	J		
P2634-18	BHBX2	Solid	11H-Benzo[b]fluorene	*	150.000	J		
P2634-18	BHBX2	Solid	2-Methyldibenzothiophene	*	180.000	J		
P2634-18	BHBX2	Solid	4H-Cyclopenta[def]phenanthrene	*	950.000	J		
P2634-18	BHBX2	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	360.000	J		
P2634-18	BHBX2	Solid	9(10H)-anthracenone, 1,4-dimeth	*	510.000	J		
P2634-18	BHBX2	Solid	9,10-Anthracenedione	*	630.000	J		

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SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-18	BHBY2	Solid	9,10-Dimethylanthracene	*	550.000	J		
P2634-18	BHBY2	Solid	9H-Fluorene-9-one	*	140.000	J		
P2634-18	BHBY2	Solid	9H-Fluorene, 1,9-dimethyl-	*	120.000	J		
P2634-18	BHBY2	Solid	9H-Fluorene, 2-methyl-	*	100.000	J		
P2634-18	BHBY2	Solid	Anthracene, 1-methyl-	*	300.000	J		
P2634-18	BHBY2	Solid	Benz[a]anthracene, 8-methyl-	*	100.000	J		
P2634-18	BHBY2	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	130.000	J		
P2634-18	BHBY2	Solid	Benzo[e]pyrene	*	710.000	J		
P2634-18	BHBY2	Solid	Benzo[j]fluoranthene	*	1,200.000	J		
P2634-18	BHBY2	Solid	Butane, 2-methoxy-2-methyl-	*	10,000.000	J		
P2634-18	BHBY2	Solid	Cyclobuta[1,2:3,4:3,4:3,4]	*	110.000	J		
P2634-18	BHBY2	Solid	Cyclopenta(def)phenanthrenone	*	530.000	J		
P2634-18	BHBY2	Solid	Cyclopenta[cd]pyrene	*	130.000	J		
P2634-18	BHBY2	Solid	di-p-Tolylacetylene	*	140.000	J		
P2634-18	BHBY2	Solid	Dibenzothiophene	*	150.000	J		
P2634-18	BHBY2	Solid	Naphthalene, 2-methyl-1-phenyl-	*	200.000	J		
P2634-18	BHBY2	Solid	Phenanthrene, 1-methyl-	*	640.000	J		
P2634-18	BHBY2	Solid	Phenanthrene, 2,5-dimethyl-	*	210.000	J		
P2634-18	BHBY2	Solid	Phenanthrene, 2-methyl-	*	620.000	J		
P2634-18	BHBY2	Solid	Phenanthrene, 3,6-dimethyl-	*	220.000	J		
P2634-18	BHBY2	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2634-18	BHBY2	Solid	Triphenylene, 2-methyl-	*	100.000	J		
P2634-18	BHBY2	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :				20,140.00				
P2634-18	BHBY2	Solid	1-Methylnaphthalene		49.000	J 29	210	ug/Kg
P2634-18	BHBY2	Solid	2-Methylnaphthalene		46.000	J 39	210	ug/Kg
P2634-18	BHBY2	Solid	Acenaphthene		220.000	32	210	ug/Kg
P2634-18	BHBY2	Solid	Acenaphthylene		150.000	J 36	210	ug/Kg
P2634-18	BHBY2	Solid	Anthracene		410.000	31	210	ug/Kg
P2634-18	BHBY2	Solid	Benzo(a)anthracene		2,800.000	28	210	ug/Kg
P2634-18	BHBY2	Solid	Benzo(a)pyrene		1,900.000	38	210	ug/Kg
P2634-18	BHBY2	Solid	Benzo(b)fluoranthene		4,100.000	E 45	210	ug/Kg
P2634-18	BHBY2	Solid	Benzo(g,h,i)perylene		200.000	J 39	210	ug/Kg
P2634-18	BHBY2	Solid	Benzo(k)fluoranthene		1,400.000	47	210	ug/Kg
P2634-18	BHBY2	Solid	Bis(2-ethylhexyl)phthalate		550.000	31	210	ug/Kg
P2634-18	BHBY2	Solid	Butylbenzylphthalate		150.000	J 27	210	ug/Kg
P2634-18	BHBY2	Solid	Carbazole		300.000	J 42	400	ug/Kg
P2634-18	BHBY2	Solid	Chrysene		3,200.000	29	210	ug/Kg
P2634-18	BHBY2	Solid	Dibenzo(a,h)anthracene		450.000	32	210	ug/Kg
P2634-18	BHBY2	Solid	Dibenzofuran		64.000	J 33	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-18	BHBY2	Solid	Fluoranthene	6,000.000	E	23	210	ug/Kg
P2634-18	BHBY2	Solid	Fluorene	160.000	J	33	210	ug/Kg
P2634-18	BHBY2	Solid	Indeno(1,2,3-cd)pyrene	1,200.000		34	210	ug/Kg
P2634-18	BHBY2	Solid	Naphthalene	57.000	J	29	210	ug/Kg
P2634-18	BHBY2	Solid	Phenanthrene	2,800.000		33	210	ug/Kg
P2634-18	BHBY2	Solid	Pyrene	4,800.000	E	22	210	ug/Kg
Total Svoc :				31,006.00				
Total Concentration:				51,146.00				

Client ID : BHBY3

P2634-19	BHBY3	Solid	.beta.-Amyrone	*	11,000.000	J		
P2634-19	BHBY3	Solid	11H-Benzo[a]fluoren-11-one	*	98.000	J		
P2634-19	BHBY3	Solid	11H-Benzo[b]fluorene	*	130.000	J		
P2634-19	BHBY3	Solid	1H-Indene, 2-phenyl-	*	420.000	J		
P2634-19	BHBY3	Solid	2-Methyldibenzothiophene	*	120.000	J		
P2634-19	BHBY3	Solid	4H-Cyclopenta[def]phenanthrene	*	490.000	J		
P2634-19	BHBY3	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	200.000	J		
P2634-19	BHBY3	Solid	7H-Benz[de]anthracen-7-one	*	93.000	J		
P2634-19	BHBY3	Solid	9,10-Anthracenedione	*	320.000	J		
P2634-19	BHBY3	Solid	9-Octadecenamide, (Z)-	*	160.000	J		
P2634-19	BHBY3	Solid	Anthracene, 9-methyl-	*	190.000	J		
P2634-19	BHBY3	Solid	Benzo[e]pyrene	*	510.000	J		
P2634-19	BHBY3	Solid	Benzo[h]cinnoline	*	100.000	J		
P2634-19	BHBY3	Solid	Butane, 2-methoxy-2-methyl-	*	10,000.000	J		
P2634-19	BHBY3	Solid	Chrysene, 6-methyl-	*	93.000	J		
P2634-19	BHBY3	Solid	Cyclopenta(def)phenanthrenone	*	290.000	J		
P2634-19	BHBY3	Solid	di-p-Tolylacetylene	*	85.000	J		
P2634-19	BHBY3	Solid	Dibenzothiophene	*	92.000	J		
P2634-19	BHBY3	Solid	Methacrylamide	*	260.000	J		
P2634-19	BHBY3	Solid	Naphthalene, 2-(phenylmethyl)-	*	110.000	J		
P2634-19	BHBY3	Solid	Olean-12-en-3-ol, acetate, (3.beta	*	1,300.000	J		
P2634-19	BHBY3	Solid	Perylene	*	260.000	J		
P2634-19	BHBY3	Solid	Phenanthrene, 1-methyl-	*	440.000	J		
P2634-19	BHBY3	Solid	Phenanthrene, 2,5-dimethyl-	*	360.000	J		
P2634-19	BHBY3	Solid	Phenanthrene, 3,6-dimethyl-	*	95.000	J		
P2634-19	BHBY3	Solid	Phenanthrene, 4,5-dimethyl-	*	170.000	J		
P2634-19	BHBY3	Solid	Pyrene, 2-methyl-	*	88.000	J		
P2634-19	BHBY3	Solid	Triphenylene, 2-methyl-	*	85.000	J		
P2634-19	BHBY3	Solid	unknown-01	*	96.000	J		
P2634-19	BHBY3	Solid	unknown-02	*	84.000	J		
P2634-19	BHBY3	Solid	Total Alkanes	*	0.000	30	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				27,739.00				
P2634-19	BHBY3	Solid	2-Methylnaphthalene	51.000	J	37	200	ug/Kg
P2634-19	BHBY3	Solid	Acenaphthene	69.000	J	30	200	ug/Kg
P2634-19	BHBY3	Solid	Acenaphthylene	97.000	J	33	200	ug/Kg
P2634-19	BHBY3	Solid	Anthracene	170.000	J	29	200	ug/Kg
P2634-19	BHBY3	Solid	Benzo(a)anthracene	1,300.000		26	200	ug/Kg
P2634-19	BHBY3	Solid	Benzo(a)pyrene	850.000		36	200	ug/Kg
P2634-19	BHBY3	Solid	Benzo(b)fluoranthene	1,800.000		43	200	ug/Kg
P2634-19	BHBY3	Solid	Benzo(g,h,i)perylene	110.000	J	37	200	ug/Kg
P2634-19	BHBY3	Solid	Benzo(k)fluoranthene	580.000		44	200	ug/Kg
P2634-19	BHBY3	Solid	Bis(2-ethylhexyl)phthalate	89.000	J	29	200	ug/Kg
P2634-19	BHBY3	Solid	Carbazole	130.000	J	39	380	ug/Kg
P2634-19	BHBY3	Solid	Chrysene	1,500.000		28	200	ug/Kg
P2634-19	BHBY3	Solid	Dibenzo(a,h)anthracene	220.000		30	200	ug/Kg
P2634-19	BHBY3	Solid	Fluoranthene	2,600.000		22	200	ug/Kg
P2634-19	BHBY3	Solid	Fluorene	69.000	J	31	200	ug/Kg
P2634-19	BHBY3	Solid	Indeno(1,2,3-cd)pyrene	560.000		32	200	ug/Kg
P2634-19	BHBY3	Solid	Naphthalene	53.000	J	28	200	ug/Kg
P2634-19	BHBY3	Solid	Phenanthrene	1,200.000		31	200	ug/Kg
P2634-19	BHBY3	Solid	Pyrene	2,100.000		21	200	ug/Kg
Total Svoc :				13,548.00				
Total Concentration:				41,287.00				
Client ID : BHBY6								
P2634-22	BHBY6	Solid	(DEL) Alkane: Straight-Chain21.1 *	120.000	J			
P2634-22	BHBY6	Solid	Butane, 2-methoxy-2-methyl- *	1,900.000	J			
P2634-22	BHBY6	Solid	n-Hexadecanoic acid *	130.000	J			
P2634-22	BHBY6	Solid	Octadecanamide *	310.000	J			
P2634-22	BHBY6	Solid	Total Alkanes *	120.000		29	190	ug/Kg
Total Tics :				2,580.00				
P2634-22	BHBY6	Solid	Benzo(a)anthracene	150.000	J	26	190	ug/Kg
P2634-22	BHBY6	Solid	Benzo(a)pyrene	160.000	J	35	190	ug/Kg
P2634-22	BHBY6	Solid	Benzo(b)fluoranthene	210.000		42	190	ug/Kg
P2634-22	BHBY6	Solid	Benzo(g,h,i)perylene	100.000	J	36	190	ug/Kg
P2634-22	BHBY6	Solid	Benzo(k)fluoranthene	70.000	J	43	190	ug/Kg
P2634-22	BHBY6	Solid	Chrysene	170.000	J	27	190	ug/Kg
P2634-22	BHBY6	Solid	Fluoranthene	320.000		22	190	ug/Kg
P2634-22	BHBY6	Solid	Indeno(1,2,3-cd)pyrene	93.000	J	32	190	ug/Kg
P2634-22	BHBY6	Solid	Phenanthrene	140.000	J	31	190	ug/Kg
P2634-22	BHBY6	Solid	Pyrene	280.000		20	190	ug/Kg
Total Svoc :				1,693.00				

Hit Summary Sheet SW-846

SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				4,273.00				
Client ID :	BHHBY7							
P2635-01	BHHBY7	Solid	(DEL) Alkane: Straight-Chain25.6	*	310.000	J		
P2635-01	BHHBY7	Solid	1,19-Eicosadiene	*	390.000	J		
P2635-01	BHHBY7	Solid	1-Pyrenecarboxaldehyde	*	89.000	J		
P2635-01	BHHBY7	Solid	13-Tetradecen-1-ol acetate	*	290.000	J		
P2635-01	BHHBY7	Solid	3-Chloro-6-methyl-1-benzothioph	*	150.000	J		
P2635-01	BHHBY7	Solid	4H-Cyclopenta[def]phenanthrene	*	340.000	J		
P2635-01	BHHBY7	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	140.000	J		
P2635-01	BHHBY7	Solid	7H-Benz[de]anthracen-7-one	*	93.000	J		
P2635-01	BHHBY7	Solid	9,10-Anthracenedione	*	200.000	J		
P2635-01	BHHBY7	Solid	Benz[a]anthracene, 7-methyl-	*	110.000	J		
P2635-01	BHHBY7	Solid	Butane, 2-methoxy-2-methyl-	*	10,000.000	J		
P2635-01	BHHBY7	Solid	Cyclopenta(def)phenanthrenone	*	210.000	J		
P2635-01	BHHBY7	Solid	n-Hexadecanoic acid	*	520.000	J		
P2635-01	BHHBY7	Solid	Octadecanoic acid	*	140.000	J		
P2635-01	BHHBY7	Solid	Perylene	*	290.000	J		
P2635-01	BHHBY7	Solid	Phenanthrene, 2,5-dimethyl-	*	260.000	J		
P2635-01	BHHBY7	Solid	Phenanthrene, 2-methyl-	*	140.000	J		
P2635-01	BHHBY7	Solid	Pyrene, 1-methyl-	*	130.000	J		
P2635-01	BHHBY7	Solid	Pyrene, 2-methyl-	*	89.000	J		
P2635-01	BHHBY7	Solid	unknown-01	*	120.000	J		
P2635-01	BHHBY7	Solid	unknown-02	*	170.000	J		
P2635-01	BHHBY7	Solid	Total Alkanes	*	310.000		33	210 ug/Kg
Total Tics :				14,491.00				
P2635-01	BHHBY7	Solid	Acenaphthene		62.000	J	33	210 ug/Kg
P2635-01	BHHBY7	Solid	Acenaphthylene		52.000	J	37	210 ug/Kg
P2635-01	BHHBY7	Solid	Acetophenone		85.000	J	83	420 ug/Kg
P2635-01	BHHBY7	Solid	Anthracene		120.000	J	32	210 ug/Kg
P2635-01	BHHBY7	Solid	Benzo(a)anthracene		1,000.000		29	210 ug/Kg
P2635-01	BHHBY7	Solid	Benzo(a)pyrene		680.000		39	210 ug/Kg
P2635-01	BHHBY7	Solid	Benzo(b)fluoranthene		1,600.000		47	210 ug/Kg
P2635-01	BHHBY7	Solid	Benzo(g,h,i)perylene		110.000	J	40	210 ug/Kg
P2635-01	BHHBY7	Solid	Benzo(k)fluoranthene		580.000		48	210 ug/Kg
P2635-01	BHHBY7	Solid	Bis(2-ethylhexyl)phthalate		360.000		32	210 ug/Kg
P2635-01	BHHBY7	Solid	Butylbenzylphthalate		120.000	J	28	210 ug/Kg
P2635-01	BHHBY7	Solid	Carbazole		84.000	J	43	420 ug/Kg
P2635-01	BHHBY7	Solid	Chrysene		1,300.000		30	210 ug/Kg
P2635-01	BHHBY7	Solid	Dibenzo(a,h)anthracene		210.000		33	210 ug/Kg
P2635-01	BHHBY7	Solid	Fluoranthene		2,200.000		24	210 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2635-01	BHBY7	Solid	Indeno(1,2,3-cd)pyrene	530.000		35	210	ug/Kg
P2635-01	BHBY7	Solid	Phenanthrene	880.000		34	210	ug/Kg
P2635-01	BHBY7	Solid	Pyrene	1,600.000		23	210	ug/Kg
Total Svoc :				11,573.00				
Total Concentration:				26,064.00				
Client ID : BHBY8								
P2635-02	BHBY8	Solid	(DEL) Alkane: Straight-Chain23.7 *	200.000	J			
P2635-02	BHBY8	Solid	(DEL) Alkane: Straight-Chain25.6 *	140.000	J			
P2635-02	BHBY8	Solid	11H-Benzo[a]fluorene-11-one *	83.000	J			
P2635-02	BHBY8	Solid	11H-Benzo[a]fluorene *	130.000	J			
P2635-02	BHBY8	Solid	1H-Indene, 2-phenyl- *	210.000	J			
P2635-02	BHBY8	Solid	7H-Benz[de]anthracene-7-one *	91.000	J			
P2635-02	BHBY8	Solid	8,9-Dihydrocyclopenta[def]phenanthrene *	300.000	J			
P2635-02	BHBY8	Solid	9,10-Anthracenedione *	180.000	J			
P2635-02	BHBY8	Solid	Anthracene, 1-methyl- *	91.000	J			
P2635-02	BHBY8	Solid	Benz[a]anthracene, 7-methyl- *	97.000	J			
P2635-02	BHBY8	Solid	Benzo[5,6][1,4]dioxino[2,3-c]pyrene *	230.000	J			
P2635-02	BHBY8	Solid	Benzo[b]naphtho[2,1-d]thiophene *	87.000	J			
P2635-02	BHBY8	Solid	Benzo[e]pyrene *	220.000	J			
P2635-02	BHBY8	Solid	Butane, 2-methoxy-2-methyl- *	11,000.000	J			
P2635-02	BHBY8	Solid	Cyclopenta(cd)pyrene, 3,4-dihydro *	91.000	J			
P2635-02	BHBY8	Solid	Cyclopenta(def)phenanthrenone *	210.000	J			
P2635-02	BHBY8	Solid	Methacrylamide *	240.000	J			
P2635-02	BHBY8	Solid	n-Hexadecanoic acid *	150.000	J			
P2635-02	BHBY8	Solid	Naphthalene, 2-phenyl- *	130.000	J			
P2635-02	BHBY8	Solid	Perylene *	330.000	J			
P2635-02	BHBY8	Solid	Phenanthrene, 1,7-dimethyl- *	150.000	J			
P2635-02	BHBY8	Solid	Phenanthrene, 1-methyl- *	130.000	J			
P2635-02	BHBY8	Solid	Phenanthrene, 3,6-dimethyl- *	110.000	J			
P2635-02	BHBY8	Solid	Pyrene, 1-methyl- *	93.000	J			
P2635-02	BHBY8	Solid	unknown-01 *	85.000	J			
P2635-02	BHBY8	Solid	Total Alkanes *	340.000		31	210	ug/Kg
Total Tics :				15,118.00				
P2635-02	BHBY8	Solid	Acenaphthene	53.000	J	31	210	ug/Kg
P2635-02	BHBY8	Solid	Acenaphthylene	48.000	J	35	210	ug/Kg
P2635-02	BHBY8	Solid	Acetophenone	87.000	J	80	400	ug/Kg
P2635-02	BHBY8	Solid	Anthracene	120.000	J	30	210	ug/Kg
P2635-02	BHBY8	Solid	Benzo(a)anthracene	920.000		28	210	ug/Kg
P2635-02	BHBY8	Solid	Benzo(a)pyrene	640.000		37	210	ug/Kg
P2635-02	BHBY8	Solid	Benzo(b)fluoranthene	1,500.000		45	210	ug/Kg

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SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2635-02	BHBY8	Solid	Benzo(g,h,i)perylene	91.000	J	39	210	ug/Kg
P2635-02	BHBY8	Solid	Benzo(k)fluoranthene	490.000		46	210	ug/Kg
P2635-02	BHBY8	Solid	Bis(2-ethylhexyl)phthalate	240.000		30	210	ug/Kg
P2635-02	BHBY8	Solid	Butylbenzylphthalate	92.000	J	27	210	ug/Kg
P2635-02	BHBY8	Solid	Carbazole	84.000	J	41	400	ug/Kg
P2635-02	BHBY8	Solid	Chrysene	1,100.000		29	210	ug/Kg
P2635-02	BHBY8	Solid	Dibenzo(a,h)anthracene	190.000	J	31	210	ug/Kg
P2635-02	BHBY8	Solid	Fluoranthene	2,000.000		23	210	ug/Kg
P2635-02	BHBY8	Solid	Indeno(1,2,3-cd)pyrene	510.000		34	210	ug/Kg
P2635-02	BHBY8	Solid	Naphthalene	43.000	J	29	210	ug/Kg
P2635-02	BHBY8	Solid	Phenanthrene	780.000		33	210	ug/Kg
P2635-02	BHBY8	Solid	Pyrene	1,500.000		22	210	ug/Kg
Total Svoc :				10,488.00				
Total Concentration:				25,606.00				

Client ID : BHBY9

P2635-03	BHBY9	Solid	(DEL) Alkane: Straight-Chain25.(*	110.000	J			
P2635-03	BHBY9	Solid	5-Bromo-2-thiophenecarboxaldeh *	93.000	J			
P2635-03	BHBY9	Solid	9,10-Dimethylanthracene *	77.000	J			
P2635-03	BHBY9	Solid	Anthracene, 1-methyl- *	92.000	J			
P2635-03	BHBY9	Solid	Butane, 2-methoxy-2-methyl- *	8,900.000	J			
P2635-03	BHBY9	Solid	Butyl docosyl ether *	140.000	J			
P2635-03	BHBY9	Solid	Cyclopenta(def)phenanthrenone *	88.000	J			
P2635-03	BHBY9	Solid	unknown-01 *	99.000	J			
P2635-03	BHBY9	Solid	Total Alkanes *	110.000		29	190	ug/Kg
Total Tics :				9,709.00				
P2635-03	BHBY9	Solid	Anthracene	39.000	J	28	190	ug/Kg
P2635-03	BHBY9	Solid	Benzo(a)anthracene	270.000		26	190	ug/Kg
P2635-03	BHBY9	Solid	Benzo(a)pyrene	200.000		35	190	ug/Kg
P2635-03	BHBY9	Solid	Benzo(b)fluoranthene	430.000		42	190	ug/Kg
P2635-03	BHBY9	Solid	Benzo(k)fluoranthene	170.000	J	43	190	ug/Kg
P2635-03	BHBY9	Solid	Bis(2-ethylhexyl)phthalate	66.000	J	28	190	ug/Kg
P2635-03	BHBY9	Solid	Chrysene	350.000		27	190	ug/Kg
P2635-03	BHBY9	Solid	Dibenzo(a,h)anthracene	68.000	J	29	190	ug/Kg
P2635-03	BHBY9	Solid	Fluoranthene	570.000		22	190	ug/Kg
P2635-03	BHBY9	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	32	190	ug/Kg
P2635-03	BHBY9	Solid	Phenanthrene	230.000		31	190	ug/Kg
P2635-03	BHBY9	Solid	Pyrene	440.000		20	190	ug/Kg
Total Svoc :				2,993.00				
Total Concentration:				12,702.00				

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SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BHBZ0								
P2635-06	BHBZ0	Solid	(DEL) Alkane: Cyclic21.179	*	100.000	J		
P2635-06	BHBZ0	Solid	Butane, 2-methoxy-2-methyl-	*	8,800.000	J		
P2635-06	BHBZ0	Solid	Octadecanamide	*	120.000	J		
P2635-06	BHBZ0	Solid	unknown-01	*	84.000	J		
P2635-06	BHBZ0	Solid	unknown-02	*	82.000	J		
P2635-06	BHBZ0	Solid	Total Alkanes	*	100.000	30	200	ug/Kg
Total Tics :					9,286.00			
P2635-06	BHBZ0	Solid	Benzo(a)anthracene		190.000	J 27	200	ug/Kg
P2635-06	BHBZ0	Solid	Benzo(a)pyrene		130.000	J 36	200	ug/Kg
P2635-06	BHBZ0	Solid	Benzo(b)fluoranthene		290.000	43	200	ug/Kg
P2635-06	BHBZ0	Solid	Benzo(k)fluoranthene		110.000	J 44	200	ug/Kg
P2635-06	BHBZ0	Solid	Bis(2-ethylhexyl)phthalate		46.000	J 29	200	ug/Kg
P2635-06	BHBZ0	Solid	Chrysene		230.000	28	200	ug/Kg
P2635-06	BHBZ0	Solid	Dibenzo(a,h)anthracene		42.000	J 30	200	ug/Kg
P2635-06	BHBZ0	Solid	Fluoranthene		400.000	22	200	ug/Kg
P2635-06	BHBZ0	Solid	Indeno(1,2,3-cd)pyrene		100.000	J 33	200	ug/Kg
P2635-06	BHBZ0	Solid	Phenanthrene		160.000	J 31	200	ug/Kg
P2635-06	BHBZ0	Solid	Pyrene		300.000	21	200	ug/Kg
Total Svoc :					1,998.00			
Total Concentration:					11,284.00			
Client ID : BHBZ1								
P2635-07	BHBZ1	Solid	13-Docosenamide, (Z)-	*	110.000	J		
P2635-07	BHBZ1	Solid	Butane, 2-methoxy-2-methyl-	*	9,100.000	J		
P2635-07	BHBZ1	Solid	Heptadecyl heptafluorobutyrate	*	150.000	J		
P2635-07	BHBZ1	Solid	unknown-01	*	80.000	J		
P2635-07	BHBZ1	Solid	Total Alkanes	*	0.000	30	190	ug/Kg
Total Tics :					9,440.00			
P2635-07	BHBZ1	Solid	Benzo(a)anthracene		110.000	J 26	190	ug/Kg
P2635-07	BHBZ1	Solid	Benzo(a)pyrene		74.000	J 35	190	ug/Kg
P2635-07	BHBZ1	Solid	Benzo(b)fluoranthene		160.000	J 42	190	ug/Kg
P2635-07	BHBZ1	Solid	Benzo(k)fluoranthene		70.000	J 43	190	ug/Kg
P2635-07	BHBZ1	Solid	Chrysene		120.000	J 27	190	ug/Kg
P2635-07	BHBZ1	Solid	Fluoranthene		220.000	22	190	ug/Kg
P2635-07	BHBZ1	Solid	Indeno(1,2,3-cd)pyrene		56.000	J 32	190	ug/Kg
P2635-07	BHBZ1	Solid	Phenanthrene		110.000	J 31	190	ug/Kg
P2635-07	BHBZ1	Solid	Pyrene		160.000	J 20	190	ug/Kg
Total Svoc :					1,080.00			
Total Concentration:					10,520.00			
Client ID : BHBZ2								

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SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2635-08	BHBZ2	Solid	11H-Benzo[b]fluorene	*	93.000	J		
P2635-08	BHBZ2	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	100.000	J		
P2635-08	BHBZ2	Solid	5-Bromo-2-thiophenecarboxaldeh	*	180.000	J		
P2635-08	BHBZ2	Solid	9,10-Anthracenedione	*	90.000	J		
P2635-08	BHBZ2	Solid	9,10-Dimethylanthracene	*	180.000	J		
P2635-08	BHBZ2	Solid	Benzene, 1-chloro-3-phenoxy-	*	130.000	J		
P2635-08	BHBZ2	Solid	Benzo[e]pyrene	*	120.000	J		
P2635-08	BHBZ2	Solid	Benzo[ghi]fluoranthene	*	140.000	J		
P2635-08	BHBZ2	Solid	Butane, 2-methoxy-2-methyl-	*	9,000.000	J		
P2635-08	BHBZ2	Solid	Phenanthrene, 1-methyl-	*	190.000	J		
P2635-08	BHBZ2	Solid	Phenanthrene, 2-methyl-	*	180.000	J		
P2635-08	BHBZ2	Solid	Pyrene, 1-methyl-	*	97.000	J		
P2635-08	BHBZ2	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	*	92.000	J		
P2635-08	BHBZ2	Solid	Triphenylene, 2-methyl-	*	110.000	J		
P2635-08	BHBZ2	Solid	unknown-01	*	120.000	J		
P2635-08	BHBZ2	Solid	Total Alkanes	*	0.000	30	190	ug/Kg
Total Tics :				10,822.00				
P2635-08	BHBZ2	Solid	Acenaphthylene		46.000	J 33	190	ug/Kg
P2635-08	BHBZ2	Solid	Anthracene		60.000	J 29	190	ug/Kg
P2635-08	BHBZ2	Solid	Benzo(a)anthracene		440.000	26	190	ug/Kg
P2635-08	BHBZ2	Solid	Benzo(a)pyrene		270.000	36	190	ug/Kg
P2635-08	BHBZ2	Solid	Benzo(b)fluoranthene		600.000	42	190	ug/Kg
P2635-08	BHBZ2	Solid	Benzo(k)fluoranthene		210.000	44	190	ug/Kg
P2635-08	BHBZ2	Solid	Bis(2-ethylhexyl)phthalate		78.000	J 29	190	ug/Kg
P2635-08	BHBZ2	Solid	Carbazole		45.000	J 39	380	ug/Kg
P2635-08	BHBZ2	Solid	Chrysene		520.000	28	190	ug/Kg
P2635-08	BHBZ2	Solid	Dibenzo(a,h)anthracene		83.000	J 30	190	ug/Kg
P2635-08	BHBZ2	Solid	Fluoranthene		870.000	22	190	ug/Kg
P2635-08	BHBZ2	Solid	Indeno(1,2,3-cd)pyrene		190.000	32	190	ug/Kg
P2635-08	BHBZ2	Solid	Phenanthrene		470.000	31	190	ug/Kg
P2635-08	BHBZ2	Solid	Pyrene		690.000	21	190	ug/Kg
Total Svoc :				4,572.00				
Total Concentration:				15,394.00				
Client ID : BHBZ3								
P2635-09	BHBZ3	Solid	(DEL) Alkane: Straight-Chain25.0	*	180.000	J		
P2635-09	BHBZ3	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P2635-09	BHBZ3	Solid	11H-Benzo[a]fluoren-11-one	*	83.000	J		
P2635-09	BHBZ3	Solid	11H-Benzo[b]fluorene	*	110.000	J		
P2635-09	BHBZ3	Solid	2-Propen-1-one, 3-(4-aminopheny	*	210.000	J		
P2635-09	BHBZ3	Solid	4H-Cyclopenta[def]phenanthrene	*	320.000	J		

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SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2635-09	BHBZ3	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	140.000	J		
P2635-09	BHBZ3	Solid	7H-Benz[de]anthracen-7-one	*	120.000	J		
P2635-09	BHBZ3	Solid	9,10-Anthracenedione	*	190.000	J		
P2635-09	BHBZ3	Solid	9,10-Dimethylanthracene	*	220.000	J		
P2635-09	BHBZ3	Solid	Acetic acid, 3-[1,3]dioxolan-2-ylp	*	91.000	J		
P2635-09	BHBZ3	Solid	Anthracene, 9-methyl-	*	240.000	J		
P2635-09	BHBZ3	Solid	Benzo[b]naphtho[2,3-d]thiophene	*	99.000	J		
P2635-09	BHBZ3	Solid	Benzo[e]pyrene	*	230.000	J		
P2635-09	BHBZ3	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J		
P2635-09	BHBZ3	Solid	Cyclopenta(def)phenanthrenone	*	220.000	J		
P2635-09	BHBZ3	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	140.000	J		
P2635-09	BHBZ3	Solid	Ethanol, 2-[2-(2-ethoxyethoxy)eth	*	190.000	J		
P2635-09	BHBZ3	Solid	n-Hexadecanoic acid	*	140.000	J		
P2635-09	BHBZ3	Solid	Perylene	*	330.000	J		
P2635-09	BHBZ3	Solid	Phenanthrene, 1-methyl-	*	170.000	J		
P2635-09	BHBZ3	Solid	Phenanthrene, 4-methyl-	*	130.000	J		
P2635-09	BHBZ3	Solid	Tetradecanamide	*	150.000	J		
P2635-09	BHBZ3	Solid	Triphenylene, 2-methyl-	*	80.000	J		
P2635-09	BHBZ3	Solid	unknown-01	*	260.000	J		
P2635-09	BHBZ3	Solid	unknown-02	*	170.000	J		
P2635-09	BHBZ3	Solid	Total Alkanes	*	180.000	J	31	200 ug/Kg
Total Tics :				15,593.00				
P2635-09	BHBZ3	Solid	Acenaphthene		48.000	J	31	200 ug/Kg
P2635-09	BHBZ3	Solid	Acenaphthylene		49.000	J	35	200 ug/Kg
P2635-09	BHBZ3	Solid	Acetophenone		81.000	J	79	400 ug/Kg
P2635-09	BHBZ3	Solid	Anthracene		110.000	J	30	200 ug/Kg
P2635-09	BHBZ3	Solid	Benzo(a)anthracene		940.000		28	200 ug/Kg
P2635-09	BHBZ3	Solid	Benzo(a)pyrene		670.000		37	200 ug/Kg
P2635-09	BHBZ3	Solid	Benzo(b)fluoranthene		1,500.000		45	200 ug/Kg
P2635-09	BHBZ3	Solid	Benzo(g,h,i)perylene		100.000	J	39	200 ug/Kg
P2635-09	BHBZ3	Solid	Benzo(k)fluoranthene		560.000		46	200 ug/Kg
P2635-09	BHBZ3	Solid	Bis(2-ethylhexyl)phthalate		280.000		30	200 ug/Kg
P2635-09	BHBZ3	Solid	Butylbenzylphthalate		110.000	J	26	200 ug/Kg
P2635-09	BHBZ3	Solid	Carbazole		75.000	J	41	400 ug/Kg
P2635-09	BHBZ3	Solid	Chrysene		1,200.000		29	200 ug/Kg
P2635-09	BHBZ3	Solid	Dibenzo(a,h)anthracene		190.000	J	31	200 ug/Kg
P2635-09	BHBZ3	Solid	Fluoranthene		2,000.000		23	200 ug/Kg
P2635-09	BHBZ3	Solid	Indeno(1,2,3-cd)pyrene		530.000		34	200 ug/Kg
P2635-09	BHBZ3	Solid	Naphthalene		40.000	J	29	200 ug/Kg
P2635-09	BHBZ3	Solid	Phenanthrene		770.000		32	200 ug/Kg

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SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2635-09	BHBZ3	Solid	Pyrene	1,500.000		22	200	ug/Kg
Total Svoc :				10,753.00				
Total Concentration:				26,346.00				
Client ID : E0002								
P2739-01	E0002	Solid	(DEL) Alkane: Cyclic21.178	*	140.000	J		
P2739-01	E0002	Solid	Butane, 2-methoxy-2-methyl-	*	9,700.000	J		
P2739-01	E0002	Solid	Pentadecanoic acid	*	95.000	J		
P2739-01	E0002	Solid	unknown-01	*	84.000	J		
P2739-01	E0002	Solid	Total Alkanes	*	140.000	28	180	ug/Kg
Total Tics :				10,159.00				
P2739-01	E0002	Solid	Benzo(a)anthracene		110.000	J 25	180	ug/Kg
P2739-01	E0002	Solid	Benzo(a)pyrene		70.000	J 34	180	ug/Kg
P2739-01	E0002	Solid	Benzo(b)fluoranthene		170.000	J 40	180	ug/Kg
P2739-01	E0002	Solid	Benzo(k)fluoranthene		69.000	J 41	180	ug/Kg
P2739-01	E0002	Solid	Chrysene		120.000	J 26	180	ug/Kg
P2739-01	E0002	Solid	Fluoranthene		180.000	J 21	180	ug/Kg
P2739-01	E0002	Solid	Indeno(1,2,3-cd)pyrene		64.000	J 30	180	ug/Kg
P2739-01	E0002	Solid	Phenanthrene		59.000	J 29	180	ug/Kg
P2739-01	E0002	Solid	Pyrene		140.000	J 19	180	ug/Kg
Total Svoc :				982.00				
Total Concentration:				11,141.00				
Client ID : E0005								
P2739-02	E0005	Solid	(DEL) Alkane: Straight-Chain21.1	*	150.000	J		
P2739-02	E0005	Solid	9-Octadecenamide, (Z)-	*	310.000	J		
P2739-02	E0005	Solid	Butane, 2-methoxy-2-methyl-	*	10,000.000	J		
P2739-02	E0005	Solid	n-Hexadecanoic acid	*	120.000	J		
P2739-02	E0005	Solid	unknown-01	*	90.000	J		
P2739-02	E0005	Solid	Total Alkanes	*	150.000	28	180	ug/Kg
Total Tics :				10,820.00				
P2739-02	E0005	Solid	Anthracene		37.000	J 27	180	ug/Kg
P2739-02	E0005	Solid	Benzo(a)anthracene		180.000	J 25	180	ug/Kg
P2739-02	E0005	Solid	Benzo(a)pyrene		120.000	J 33	180	ug/Kg
P2739-02	E0005	Solid	Benzo(b)fluoranthene		300.000	J 40	180	ug/Kg
P2739-02	E0005	Solid	Benzo(k)fluoranthene		86.000	J 41	180	ug/Kg
P2739-02	E0005	Solid	Chrysene		200.000	J 26	180	ug/Kg
P2739-02	E0005	Solid	Dibenzo(a,h)anthracene		44.000	J 28	180	ug/Kg
P2739-02	E0005	Solid	Fluoranthene		350.000	J 20	180	ug/Kg
P2739-02	E0005	Solid	Indeno(1,2,3-cd)pyrene		98.000	J 30	180	ug/Kg
P2739-02	E0005	Solid	Phenanthrene		140.000	J 29	180	ug/Kg
P2739-02	E0005	Solid	Pyrene		260.000	J 19	180	ug/Kg



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BG060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :		1,815.00			
			Total Concentration:		12,635.00			

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.

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.: BG060624 SAS No.: BG060624 SDG NO.: BG060624

EPA Sample No.: SSTD020415 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 11:27

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	SBLK271	30678	7.87	114193	10.66	82180	14.51
02	BHBY7	26992	7.88	97676	10.67	67197	14.52
03	BHBZ3	29106	7.88	109103	10.67	76961	14.51
04	BHBY8	31695	7.88	115443	10.67	79519	14.51
05	BHBY9	32201	7.88	115028	10.67	80391	14.51
06	BHBZ0	34454	7.88	123098	10.67	85816	14.51
07	BHBZ1	32577	7.88	115409	10.67	81471	14.51
08	BHBZ2	33201	7.88	121444	10.67	84614	14.51
09	SLCS271	36998	7.88	129685	10.67	93558	14.51
10	SBLK173	39635	7.88	143139	10.67	103762	14.51
11	SBLK346	36970	7.88	130608	10.67	94244	14.51
12	BHBR6DL	37198	7.88	130542	10.67	91427	14.51
13	E0002	29749	7.88	105411	10.67	72744	14.51
14	E0005	29820	7.88	106962	10.67	75090	14.51
15	E0005MS	31575	7.88	108826	10.67	75541	14.51
16	E0005MSD	28819	7.88	100473	10.67	70280	14.51
17	BHBW9	35575	7.88	122254	10.67	85190	14.51
18	BHBX8	30388	7.88	109346	10.67	75014	14.51
19	BHBY6	37837	7.88	131785	10.67	91529	14.51
20	BHBX7	32379	7.88	116024	10.67	78951	14.51
21	BHBY3	35139	7.88	125809	10.67	87246	14.51
22	BHBY2	32492	7.88	116387	10.67	80943	14.51
23	SLCS346	30934	7.88	110195	10.67	77377	14.51



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG060624 SAS No.: BG060624 SDG NO.: BG060624

EPA Sample No.: SSTD020415 Date Analyzed: Jun 7 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 03:20

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	20969	7.889	99753	10.69	91870	14.52
UPPER LIMIT	41938	8.389	199506	11.185	183740	15.022
LOWER LIMIT	10484.5	7.389	49876.5	10.185	45935	14.022
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG060624 SAS No.: BG060624 SDG NO.: BG060624

EPA Sample No.: SSTD020519 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BG061504.D Time Analyzed: 11:27

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	36543	7.876	128505	10.67	91048	14.51
UPPER LIMIT	73086	8.376	257010	11.167	182096	15.01
LOWER LIMIT	18271.5	7.376	64252.5	10.167	45524	14.01
EPA SAMPLE NO.						
01 SBLK271	30678	7.87	114193	10.66	82180	14.51
02 BHBV7	26992	7.88	97676	10.67	67197	14.52
03 BHBZ3	29106	7.88	109103	10.67	76961	14.51
04 BHBV8	31695	7.88	115443	10.67	79519	14.51
05 BHBV9	32201	7.88	115028	10.67	80391	14.51
06 BHBZ0	34454	7.88	123098	10.67	85816	14.51
07 BHBZ1	32577	7.88	115409	10.67	81471	14.51
08 BHBZ2	33201	7.88	121444	10.67	84614	14.51
09 SLCS271	36998	7.88	129685	10.67	93558	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.: BG060624 SAS No.: BG060624 SDG NO.: BG060624

EPA Sample No.: SSTD020520 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BG061514.D Time Analyzed: 18:23

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	41137	7.883	152074	10.67	108366	14.51
UPPER LIMIT	82274	8.383	304148	11.168	216732	15.01
LOWER LIMIT	20568.5	7.383	76037	10.168	54183	14.01
EPA SAMPLE NO.						
01 SBLK173	39635	7.88	143139	10.67	103762	14.51
02 SBLK346	36970	7.88	130608	10.67	94244	14.51
03 BHBR6DL	37198	7.88	130542	10.67	91427	14.51
04 E0002	29749	7.88	105411	10.67	72744	14.51
05 E0005	29820	7.88	106962	10.67	75090	14.51
06 E0005MS	31575	7.88	108826	10.67	75541	14.51
07 E0005MSD	28819	7.88	100473	10.67	70280	14.51
08 BHBW9	35575	7.88	122254	10.67	85190	14.51
09 BHBX8	30388	7.88	109346	10.67	75014	14.51
10 BHBY6	37837	7.88	131785	10.67	91529	14.51
11 BHBX7	32379	7.88	116024	10.67	78951	14.51
12 BHBY3	35139	7.88	125809	10.67	87246	14.51
13 BHBY2	32492	7.88	116387	10.67	80943	14.51
14 SLCS346	30934	7.88	110195	10.67	77377	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.: BG060624 SAS No.: BG060624 SDG NO.: BG060624

EPA Sample No.: SSTD020415 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 11:27

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	SBLK271	185259	17.26	203036	21.52	227874	24.61
02	BHBY7	153200	17.27	163320	21.52	188465	24.62
03	BHBZ3	172006	17.26	186403	21.52	214105	24.61
04	BHBY8	180536	17.26	197267	21.52	223715	24.62
05	BHBY9	183166	17.27	197087	21.52	227909	24.62
06	BHBZ0	198121	17.26	215374	21.52	243782	24.61
07	BHBZ1	185231	17.26	204340	21.51	230115	24.61
08	BHBZ2	190501	17.27	207522	21.52	239966	24.61
09	SLCS271	212320	17.26	227548	21.52	258548	24.61
10	SBLK173	236173	17.26	255174	21.52	291695	24.61
11	SBLK346	213199	17.26	235447	21.52	265059	24.61
12	BHBR6DL	209177	17.26	229453	21.52	265285	24.61
13	E0002	166096	17.26	186382	21.52	208747	24.61
14	E0005	168548	17.26	186330	21.52	208463	24.61
15	E0005MS	173623	17.26	187611	21.52	210811	24.61
16	E0005MSD	161746	17.26	171506	21.52	192304	24.61
17	BHBW9	191072	17.26	205968	21.52	235884	24.62
18	BHBX8	169431	17.26	184602	21.52	209889	24.62
19	BHBY6	212832	17.26	227291	21.52	261239	24.61
20	BHBX7	179820	17.26	197498	21.52	235699	24.61
21	BHBY3	196776	17.26	209814	21.52	245462	24.61

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG060624 SAS No.: BG060624 SDG NO.: BG060624

EPA Sample No.: SSTD020415 Date Analyzed: Jun 7 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 02:39

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 BHBY2	180051	17.26	200997	21.52	231503	24.62
23 SLCS346	176734	17.26	190888	21.52	212713	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.: BG060624 SAS No.: BG060624 SDG NO.: BG060624

EPA Sample No.: SSTD020519 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BG061504.D Time Analyzed: 11:27

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	213905	17.259	229090	21.519	258999	24.61
UPPER LIMIT	427810	17.759	458180	22.019	517998	25.11
LOWER LIMIT	106952.5	16.759	114545	21.019	129499.5	24.11
EPA SAMPLE NO.						
01 SBLK271	185259	17.26	203036	21.52	227874	24.61
02 BHBZ7	153200	17.27	163320	21.52	188465	24.62
03 BHBZ3	172006	17.26	186403	21.52	214105	24.61
04 BHBZ8	180536	17.26	197267	21.52	223715	24.62
05 BHBZ9	183166	17.27	197087	21.52	227909	24.62
06 BHBZ0	198121	17.26	215374	21.52	243782	24.61
07 BHBZ1	185231	17.26	204340	21.51	230115	24.61
08 BHBZ2	190501	17.27	207522	21.52	239966	24.61
09 SLCS271	212320	17.26	227548	21.52	258548	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.: BG060624 SAS No.: BG060624 SDG NO.: BG060624

EPA Sample No.: SSTD020520 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BG061514.D Time Analyzed: 18:23

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	248410	17.26	270419	21.52	308908	24.61
	UPPER LIMIT	496820	17.76	540838	22.02	617816	25.11
	LOWER LIMIT	124205	16.76	135209.5	21.02	154454	24.11
	EPA SAMPLE NO.						
01	SBLK173	236173	17.26	255174	21.52	291695	24.61
02	SBLK346	213199	17.26	235447	21.52	265059	24.61
03	BHBR6DL	209177	17.26	229453	21.52	265285	24.61
04	E0002	166096	17.26	186382	21.52	208747	24.61
05	E0005	168548	17.26	186330	21.52	208463	24.61
06	E0005MS	173623	17.26	187611	21.52	210811	24.61
07	E0005MSD	161746	17.26	171506	21.52	192304	24.61
08	BHBW9	191072	17.26	205968	21.52	235884	24.62
09	BHBX8	169431	17.26	184602	21.52	209889	24.62
10	BHBY6	212832	17.26	227291	21.52	261239	24.61
11	BHBX7	179820	17.26	197498	21.52	235699	24.61
12	BHBY3	196776	17.26	209814	21.52	245462	24.61
13	BHBY2	180051	17.26	200997	21.52	231503	24.62
14	SLCS346	176734	17.26	190888	21.52	212713	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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG060624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161271BS	1,4-Dioxane	530	350	ug/Kg	66				0	0		
	Benzaldehyde	1300	1000	ug/Kg	77				0	0		
	Pyridine	1300	780	ug/Kg	60				0	0		
	Phenol	1300	850	ug/Kg	65				0	0		
	Bis(2-chloroethyl)ether	1300	860	ug/Kg	66				0	0		
	2-Chlorophenol	1300	890	ug/Kg	68				0	0		
	2-Methylphenol	1300	810	ug/Kg	62				0	0		
	2,2-oxybis(1-Chloropropane)	1300	680	ug/Kg	52				0	0		
	Acetophenone	1300	780	ug/Kg	60				0	0		
	4-Methylphenol	1300	820	ug/Kg	63				0	0		
	N-Nitroso-di-n-propylamine	1300	710	ug/Kg	55				0	0		
	Hexachloroethane	1300	940	ug/Kg	72				0	0		
	Nitrobenzene	1300	950	ug/Kg	73				0	0		
	Isophorone	1300	840	ug/Kg	65				0	0		
	2-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	2,4-Dimethylphenol	1300	860	ug/Kg	66				0	0		
	Bis(2-chloroethoxy)methane	1300	910	ug/Kg	70				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	990	ug/Kg	76				0	0		
	4-Chloroaniline	1300	770	ug/Kg	59				0	0		
	Hexachlorobutadiene	1300	1100	ug/Kg	85				0	0		
	Caprolactam	1300	770	ug/Kg	59				0	0		
	4-Chloro-3-methylphenol	1300	870	ug/Kg	67				0	0		
	1-Methylnaphthalene	1300	930	ug/Kg	72				0	0		
	2-Methylnaphthalene	1300	970	ug/Kg	75				0	0		
	Hexachlorocyclopentadiene	1300	250	ug/Kg	19				0	0		
	2,4,6-Trichlorophenol	1300	1200	ug/Kg	92				0	0		
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	1,1'-Biphenyl	1300	1100	ug/Kg	85				0	0		
	2-Chloronaphthalene	1300	1100	ug/Kg	85				0	0		
	2-Nitroaniline	1300	900	ug/Kg	69				0	0		
	Dimethylphthalate	1300	950	ug/Kg	73				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	1000	ug/Kg	77				0	0		
	3-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Acenaphthene	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrophenol	1300	720	ug/Kg	55				0	0		
	4-Nitrophenol	1300	830	ug/Kg	64				0	0		
	Dibenzofuran	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrotoluene	1300	950	ug/Kg	73				0	0		
	Diethylphthalate	1300	900	ug/Kg	69				0	0		
	Fluorene	1300	990	ug/Kg	76				0	0		
	4-Chlorophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG060624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161271BS	4,6-Dinitro-2-methylphenol	1300	930	ug/Kg	72				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0		
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Atrazine	1300	1000	ug/Kg	77				0	0		
	Pentachlorophenol	1300	950	ug/Kg	73				0	0		
	Phenanthrene	1300	1100	ug/Kg	85				0	0		
	Pentachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Anthracene	1300	1000	ug/Kg	77				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	1000	ug/Kg	77				0	0		
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0		
	Chrysene	1300	1100	ug/Kg	85				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0		
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(a)pyrene	1300	960	ug/Kg	74				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1000	ug/Kg	77				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG060624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161346BS	1,4-Dioxane	530	370	ug/Kg	70				0	0		
	Benzaldehyde	1300	1000	ug/Kg	77				0	0		
	Pyridine	1300	790	ug/Kg	61				0	0		
	Phenol	1300	850	ug/Kg	65				0	0		
	Bis(2-chloroethyl)ether	1300	860	ug/Kg	66				0	0		
	2-Chlorophenol	1300	940	ug/Kg	72				0	0		
	2-Methylphenol	1300	860	ug/Kg	66				0	0		
	2,2-oxybis(1-Chloropropane)	1300	690	ug/Kg	53				0	0		
	Acetophenone	1300	790	ug/Kg	61				0	0		
	4-Methylphenol	1300	830	ug/Kg	64				0	0		
	N-Nitroso-di-n-propylamine	1300	730	ug/Kg	56				0	0		
	Hexachloroethane	1300	970	ug/Kg	75				0	0		
	Nitrobenzene	1300	980	ug/Kg	75				0	0		
	Isophorone	1300	840	ug/Kg	65				0	0		
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	2,4-Dimethylphenol	1300	860	ug/Kg	66				0	0		
	Bis(2-chloroethoxy)methane	1300	920	ug/Kg	71				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	1000	ug/Kg	77				0	0		
	4-Chloroaniline	1300	860	ug/Kg	66				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	810	ug/Kg	62				0	0		
	4-Chloro-3-methylphenol	1300	910	ug/Kg	70				0	0		
	1-Methylnaphthalene	1300	950	ug/Kg	73				0	0		
	2-Methylnaphthalene	1300	950	ug/Kg	73				0	0		
	Hexachlorocyclopentadiene	1300	98	ug/Kg	8				0	0		
	2,4,6-Trichlorophenol	1300	1300	ug/Kg	100				0	0		
	2,4,5-Trichlorophenol	1300	1300	ug/Kg	100				0	0		
	1,1'-Biphenyl	1300	1100	ug/Kg	85				0	0		
	2-Chloronaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Nitroaniline	1300	970	ug/Kg	75				0	0		
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	1100	ug/Kg	85				0	0		
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Acenaphthene	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrophenol	1300	380	ug/Kg	29				0	0		
	4-Nitrophenol	1300	960	ug/Kg	74				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Diethylphthalate	1300	970	ug/Kg	75				0	0		
	Fluorene	1300	1100	ug/Kg	85				0	0		
	4-Chlorophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG060624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161346BS	4,6-Dinitro-2-methylphenol	1300	640	ug/Kg	49				0	0		
	N-Nitrosodiphenylamine	1300	1200	ug/Kg	92				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0		
	4-Bromophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	Hexachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Atrazine	1300	1100	ug/Kg	85				0	0		
	Pentachlorophenol	1300	1200	ug/Kg	92				0	0		
	Phenanthrene	1300	1100	ug/Kg	85				0	0		
	Pentachlorobenzene	1300	1300	ug/Kg	100				0	0		
	Anthracene	1300	1100	ug/Kg	85				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1400	ug/Kg	108				0	0		
	Carbazole	1300	1200	ug/Kg	92				0	0		
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluoranthene	1300	1100	ug/Kg	85				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	1000	ug/Kg	77				0	0		
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0		
	Chrysene	1300	1200	ug/Kg	92				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0		
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(a)pyrene	1300	1000	ug/Kg	77				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0		
	Dibenzo(a,h)anthracene	1300	1000	ug/Kg	77				0	0		
	Benzo(g,h,i)perylene	1300	870	ug/Kg	67				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1200	ug/Kg	92				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK173

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG060624

SAS No.: BG060624 SDG NO.: BG060624

Lab File ID: BG061515.D

Lab Sample ID: PB161173BL

Instrument ID: BNA_G

Date Extracted: 05/29/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 18:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHBW9	P2634-03	BG061522.D	06/06/2024
BHBX8	P2634-14	BG061523.D	06/06/2024
BHBY6	P2634-22	BG061524.D	06/07/2024
BHBX7	P2634-13	BG061525.D	06/07/2024
BHBY3	P2634-19	BG061526.D	06/07/2024
BHBY2	P2634-18	BG061527.D	06/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK271

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG060624

SAS No.: BG060624 SDG NO.: BG060624

Lab File ID: BG061505.D

Lab Sample ID: PB161271BL

Instrument ID: BNA_G

Date Extracted: 06/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 11:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHBY7	P2635-01	BG061506.D	06/06/2024
BHBZ3	P2635-09	BG061507.D	06/06/2024
BHBY8	P2635-02	BG061508.D	06/06/2024
BHBY9	P2635-03	BG061509.D	06/06/2024
BHBZ0	P2635-06	BG061510.D	06/06/2024
BHBZ1	P2635-07	BG061511.D	06/06/2024
BHBZ2	P2635-08	BG061512.D	06/06/2024
PB161271BS	PB161271BS	BG061513.D	06/06/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK346

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG060624

SAS No.: BG060624 SDG NO.: BG060624

Lab File ID: BG061516.D

Lab Sample ID: PB161346BL

Instrument ID: BNA_G

Date Extracted: 06/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 19:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0002	P2739-01	BG061518.D	06/06/2024
E0005	P2739-02	BG061519.D	06/06/2024
E0005MS	P2739-03MS	BG061520.D	06/06/2024
E0005MSD	P2739-04MSD	BG061521.D	06/06/2024
PB161346BS	PB161346BS	BG061528.D	06/07/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG060624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2739-03MS	Client Sample ID:	E0005MS					DataFile:	BG061520.D		
1,4-Dioxane	580		490	ug/Kg	84				15	120	
Benzaldehyde	1400		1400	ug/Kg	100				0	0	
Pyridine	1400		680	ug/Kg	49				0	0	
Phenol	1400		1200	ug/Kg	86				26	90	
Bis(2-chloroethyl)ether	1400		1200	ug/Kg	86				0	0	
2-Chlorophenol	1400		1300	ug/Kg	93				25	102	
2-Methylphenol	1400		1100	ug/Kg	79				0	0	
2,2-oxybis(1-Chloropropane)	1400		990	ug/Kg	71				0	0	
Acetophenone	1400		1100	ug/Kg	79				0	0	
4-Methylphenol	1400		1100	ug/Kg	79				0	0	
N-Nitroso-di-n-propylamine	1400		990	ug/Kg	71				41	126	
Hexachloroethane	1400		1100	ug/Kg	79				0	0	
Nitrobenzene	1400		1400	ug/Kg	100				0	0	
Isophorone	1400		1200	ug/Kg	86				0	0	
2-Nitrophenol	1400		1500	ug/Kg	107				0	0	
2,4-Dimethylphenol	1400		560	ug/Kg	40				0	0	
Bis(2-chloroethoxy)methane	1400		1300	ug/Kg	93				0	0	
2,4-Dichlorophenol	1400		1600	ug/Kg	114				0	0	
Naphthalene	1400		1500	ug/Kg	107				0	0	
4-Chloroaniline	1400		1100	ug/Kg	79				0	0	
Hexachlorobutadiene	1400		1700	ug/Kg	121				0	0	
Caprolactam	1400		1100	ug/Kg	79				0	0	
4-Chloro-3-methylphenol	1400		1200	ug/Kg	86				26	103	
1-Methylnaphthalene	1400		1400	ug/Kg	100				0	0	
2-Methylnaphthalene	1400		1400	ug/Kg	100				0	0	
Hexachlorocyclopentadiene	1400		320	ug/Kg	23				0	0	
2,4,6-Trichlorophenol	1400		1800	ug/Kg	129				0	0	
2,4,5-Trichlorophenol	1400		1800	ug/Kg	129				0	0	
1,1'-Biphenyl	1400		1700	ug/Kg	121				0	0	
2-Chloronaphthalene	1400		1700	ug/Kg	121				0	0	
2-Nitroaniline	1400		1400	ug/Kg	100				0	0	
Dimethylphthalate	1400		1400	ug/Kg	100				0	0	
2,6-Dinitrotoluene	1400		1500	ug/Kg	107				0	0	
Acenaphthylene	1400		1500	ug/Kg	107				0	0	
3-Nitroaniline	1400		1500	ug/Kg	107				0	0	
Acenaphthene	1400		1500	ug/Kg	107				31	137	
2,4-Dinitrophenol	1400		1000	ug/Kg	71				0	0	
4-Nitrophenol	1400		1300	ug/Kg	93				11	114	
Dibenzofuran	1400		1500	ug/Kg	107				0	0	
2,4-Dinitrotoluene	1400		1400	ug/Kg	100	*			28	89	
Diethylphthalate	1400		1300	ug/Kg	93				0	0	
Fluorene	1400		1400	ug/Kg	100				0	0	
4-Chlorophenyl-phenylether	1400		1500	ug/Kg	107				0	0	
4-Nitroaniline	1400		1600	ug/Kg	114				0	0	
4,6-Dinitro-2-methylphenol	1400		1300	ug/Kg	93				0	0	
N-Nitrosodiphenylamine	1400		1600	ug/Kg	114				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG060624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1400		1900	ug/Kg	136				0	0	
4-Bromophenyl-phenylether	1400		1700	ug/Kg	121				0	0	
Hexachlorobenzene	1400		1300	ug/Kg	93				0	0	
Atrazine	1400		1400	ug/Kg	100				0	0	
Pentachlorophenol	1400		1400	ug/Kg	100				17	109	
Phenanthrene	1400		1600	ug/Kg	114				0	0	
Pentachlorobenzene	1400		1700	ug/Kg	121				0	0	
Anthracene	1400		1500	ug/Kg	107				0	0	
1,2,3,4-Tetrachlorobenzene	1400		1900	ug/Kg	136				0	0	
Carbazole	1400		1400	ug/Kg	100				0	0	
Di-n-butylphthalate	1400		1500	ug/Kg	107				0	0	
Fluoranthene	1400		1700	ug/Kg	121				0	0	
Pyrene	1400		1400	ug/Kg	100				35	142	
Butylbenzylphthalate	1400		1500	ug/Kg	107				0	0	
3,3'-Dichlorobenzidine	1400		1200	ug/Kg	86				0	0	
Benzo(a)anthracene	1400		1600	ug/Kg	114				0	0	
Chrysene	1400		1700	ug/Kg	121				0	0	
Bis(2-ethylhexyl)phthalate	1400		1400	ug/Kg	100				0	0	
Di-n-octylphthalate	1400		1500	ug/Kg	107				0	0	
Benzo(b)fluoranthene	1400		1800	ug/Kg	129				0	0	
Benzo(k)fluoranthene	1400		1600	ug/Kg	114				0	0	
Benzo(a)pyrene	1400		860	ug/Kg	61				0	0	
Indeno(1,2,3-cd)pyrene	1400		1200	ug/Kg	86				0	0	
Dibenzo(a,h)anthracene	1400		1500	ug/Kg	107				0	0	
Benzo(g,h,i)perylene	1400		160	ug/Kg	11				0	0	
2,3,4,6-Tetrachlorophenol	1400		1600	ug/Kg	114				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG060624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2739-04MSD	Client Sample ID:	E0005MSD					DataFile:	BG061521.D		
1,4-Dioxane	580		510	ug/Kg	88		5		15	120	50
Benzaldehyde	1400		1500	ug/Kg	107		7	*	0	0	0
Pyridine	1400		750	ug/Kg	54		10	*	0	0	0
Phenol	1400		1300	ug/Kg	93	*	8		26	90	35
Bis(2-chloroethyl)ether	1400		1300	ug/Kg	93		8	*	0	0	0
2-Chlorophenol	1400		1400	ug/Kg	100		7		25	102	50
2-Methylphenol	1400		1100	ug/Kg	79		0		0	0	0
2,2-oxybis(1-Chloropropane)	1400		1000	ug/Kg	71		0		0	0	0
Acetophenone	1400		1200	ug/Kg	86		8	*	0	0	0
4-Methylphenol	1400		1200	ug/Kg	86		8	*	0	0	0
N-Nitroso-di-n-propylamine	1400		1000	ug/Kg	71		0		41	126	38
Hexachloroethane	1400		1100	ug/Kg	79		0		0	0	0
Nitrobenzene	1400		1500	ug/Kg	107		7	*	0	0	0
Isophorone	1400		1300	ug/Kg	93		8	*	0	0	0
2-Nitrophenol	1400		1600	ug/Kg	114		6	*	0	0	0
2,4-Dimethylphenol	1400		590	ug/Kg	42		5	*	0	0	0
Bis(2-chloroethoxy)methane	1400		1400	ug/Kg	100		7	*	0	0	0
2,4-Dichlorophenol	1400		1600	ug/Kg	114		0		0	0	0
Naphthalene	1400		1500	ug/Kg	107		0		0	0	0
4-Chloroaniline	1400		1100	ug/Kg	79		0		0	0	0
Hexachlorobutadiene	1400		1800	ug/Kg	129		6	*	0	0	0
Caprolactam	1400		1200	ug/Kg	86		8	*	0	0	0
4-Chloro-3-methylphenol	1400		1300	ug/Kg	93		8		26	103	33
1-Methylnaphthalene	1400		1400	ug/Kg	100		0		0	0	0
2-Methylnaphthalene	1400		1400	ug/Kg	100		0		0	0	0
Hexachlorocyclopentadiene	1400		290	ug/Kg	21		9	*	0	0	0
2,4,6-Trichlorophenol	1400		1900	ug/Kg	136		5	*	0	0	0
2,4,5-Trichlorophenol	1400		1900	ug/Kg	136		5	*	0	0	0
1,1'-Biphenyl	1400		1700	ug/Kg	121		0		0	0	0
2-Chloronaphthalene	1400		1700	ug/Kg	121		0		0	0	0
2-Nitroaniline	1400		1400	ug/Kg	100		0		0	0	0
Dimethylphthalate	1400		1400	ug/Kg	100		0		0	0	0
2,6-Dinitrotoluene	1400		1500	ug/Kg	107		0		0	0	0
Acenaphthylene	1400		1500	ug/Kg	107		0		0	0	0
3-Nitroaniline	1400		1500	ug/Kg	107		0		0	0	0
Acenaphthene	1400		1600	ug/Kg	114		6		31	137	19
2,4-Dinitrophenol	1400		970	ug/Kg	69		3	*	0	0	0
4-Nitrophenol	1400		1300	ug/Kg	93		0		11	114	50
Dibenzofuran	1400		1600	ug/Kg	114		6	*	0	0	0
2,4-Dinitrotoluene	1400		1500	ug/Kg	107	*	7		28	89	47
Diethylphthalate	1400		1400	ug/Kg	100		7	*	0	0	0
Fluorene	1400		1500	ug/Kg	107		7	*	0	0	0
4-Chlorophenyl-phenylether	1400		1500	ug/Kg	107		0		0	0	0
4-Nitroaniline	1400		1600	ug/Kg	114		0		0	0	0
4,6-Dinitro-2-methylphenol	1400		1300	ug/Kg	93		0		0	0	0
N-Nitrosodiphenylamine	1400		1700	ug/Kg	121		6	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG060624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1400		1900	ug/Kg	136		0		0	0	0
4-Bromophenyl-phenylether	1400		1800	ug/Kg	129		6	*	0	0	0
Hexachlorobenzene	1400		1400	ug/Kg	100		7	*	0	0	0
Atrazine	1400		1500	ug/Kg	107		7	*	0	0	0
Pentachlorophenol	1400		1500	ug/Kg	107		7		17	109	47
Phenanthrene	1400		1700	ug/Kg	121		6	*	0	0	0
Pentachlorobenzene	1400		1800	ug/Kg	129		6	*	0	0	0
Anthracene	1400		1600	ug/Kg	114		6	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1400		2000	ug/Kg	143		5	*	0	0	0
Carbazole	1400		1500	ug/Kg	107		7	*	0	0	0
Di-n-butylphthalate	1400		1600	ug/Kg	114		6	*	0	0	0
Fluoranthene	1400		1900	ug/Kg	136		12	*	0	0	0
Pyrene	1400		1500	ug/Kg	107		7		35	142	36
Butylbenzylphthalate	1400		1600	ug/Kg	114		6	*	0	0	0
3,3'-Dichlorobenzidine	1400		1200	ug/Kg	86		0		0	0	0
Benzo(a)anthracene	1400		1800	ug/Kg	129		12	*	0	0	0
Chrysene	1400		1800	ug/Kg	129		6	*	0	0	0
Bis(2-ethylhexyl)phthalate	1400		1500	ug/Kg	107		7	*	0	0	0
Di-n-octylphthalate	1400		1600	ug/Kg	114		6	*	0	0	0
Benzo(b)fluoranthene	1400		1800	ug/Kg	129		0		0	0	0
Benzo(k)fluoranthene	1400		1700	ug/Kg	121		6	*	0	0	0
Benzo(a)pyrene	1400		940	ug/Kg	67		9	*	0	0	0
Indeno(1,2,3-cd)pyrene	1400		1300	ug/Kg	93		8	*	0	0	0
Dibenzo(a,h)anthracene	1400		1600	ug/Kg	114		6	*	0	0	0
Benzo(g,h,i)perylene	1400		170	ug/Kg	12		9	*	0	0	0
2,3,4,6-Tetrachlorophenol	1400		1700	ug/Kg	121		6	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BG060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-03	BHBW9	BG061522.D	1,4-Dioxane-d8	8	2.80	35		15	120
			Pyridine-d5	40	14.68	37		20	120
			Phenol-d5	40	21.36	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.63	49		10	150
			2-Chlorophenol-d4	40	23.43	59		15	120
			4-Methylphenol-d8	40	20.06	50		10	140
			Nitrobenzene-d5	40	29.19	73		10	135
			2-Nitrophenol-d4	40	29.73	74		10	120
			2,4-Dichlorophenol-d3	40	28.31	71		10	140
			4-Chloroaniline-d4	40	18.51	46		1	145
			Dimethylphthalate-d6	40	28.24	71		10	145
			Acenaphthylene-d8	40	29.90	75		15	120
			4-Nitrophenol-d4	40	22.67	57		10	150
			Fluorene-d10	40	28.74	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.10	33		10	130
			Anthracene-d10	40	30.76	77		10	150
			Pyrene-d10	40	29.71	74		10	130
			Benzo(a)pyrene-d12	40	30.08	75		10	140
P2634-13	BHBX7	BG061525.D	1,4-Dioxane-d8	8	5.24	65		15	120
			Pyridine-d5	40	13.29	33		20	120
			Phenol-d5	40	26.32	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.21	63		10	150
			2-Chlorophenol-d4	40	29.86	75		15	120
			4-Methylphenol-d8	40	24.70	62		10	140
			Nitrobenzene-d5	40	33.84	85		10	135
			2-Nitrophenol-d4	40	31.63	79		10	120
			2,4-Dichlorophenol-d3	40	32.11	80		10	140
			4-Chloroaniline-d4	40	11.14	28		1	145
			Dimethylphthalate-d6	40	32.41	81		10	145
			Acenaphthylene-d8	40	34.74	87		15	120
			4-Nitrophenol-d4	40	28.86	72		10	150
			Fluorene-d10	40	33.38	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.37	33		10	130
			Anthracene-d10	40	36.44	91		10	150
			Pyrene-d10	40	32.02	80		10	130
			Benzo(a)pyrene-d12	40	26.47	66		10	140
P2634-14	BHBX8	BG061523.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Pyridine-d5	40	10.85	27		20	120
			Phenol-d5	40	24.50	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.93	60		10	150
			2-Chlorophenol-d4	40	28.79	72		15	120
			4-Methylphenol-d8	40	23.50	59		10	140
			Nitrobenzene-d5	40	31.08	78		10	135
			2-Nitrophenol-d4	40	30.62	77		10	120
			2,4-Dichlorophenol-d3	40	29.37	73		10	140
			4-Chloroaniline-d4	40	12.44	31		1	145
			Dimethylphthalate-d6	40	29.75	74		10	145
			Acenaphthylene-d8	40	31.31	78		15	120
			4-Nitrophenol-d4	40	23.07	58		10	150

Surrogate Summary

SW-846

SDG No.: **BG060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-14	BHBX8	BG061523.D	Fluorene-d10	40	30.31	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.28	31		10	130
			Anthracene-d10	40	33.05	83		10	150
			Pyrene-d10	40	29.82	75		10	130
			Benzo(a)pyrene-d12	40	24.14	60		10	140
P2634-18	BHBY2	BG061527.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	8.69	22		20	120
			Phenol-d5	40	18.94	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.79	44		10	150
			2-Chlorophenol-d4	40	21.36	53		15	120
			4-Methylphenol-d8	40	18.20	46		10	140
			Nitrobenzene-d5	40	23.20	58		10	135
			2-Nitrophenol-d4	40	22.81	57		10	120
			2,4-Dichlorophenol-d3	40	23.76	59		10	140
			4-Chloroaniline-d4	40	7.37	18		1	145
			Dimethylphthalate-d6	40	23.11	58		10	145
			Acenaphthylene-d8	40	24.09	60		15	120
			4-Nitrophenol-d4	40	20.89	52		10	150
			Fluorene-d10	40	22.88	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.87	15		10	130
			Anthracene-d10	40	26.01	65		10	150
			Pyrene-d10	40	22.51	56		10	130
			Benzo(a)pyrene-d12	40	18.45	46		10	140
P2634-19	BHBY3	BG061526.D	1,4-Dioxane-d8	8	4.72	59		15	120
			Pyridine-d5	40	11.36	28		20	120
			Phenol-d5	40	21.34	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.17	55		10	150
			2-Chlorophenol-d4	40	25.47	64		15	120
			4-Methylphenol-d8	40	17.75	44		10	140
			Nitrobenzene-d5	40	27.76	69		10	135
			2-Nitrophenol-d4	40	27.37	68		10	120
			2,4-Dichlorophenol-d3	40	26.24	66		10	140
			4-Chloroaniline-d4	40	8.23	21		1	145
			Dimethylphthalate-d6	40	25.29	63		10	145
			Acenaphthylene-d8	40	26.24	66		15	120
			4-Nitrophenol-d4	40	21.90	55		10	150
			Fluorene-d10	40	25.83	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.37	21		10	130
			Anthracene-d10	40	28.40	71		10	150
			Pyrene-d10	40	26.33	66		10	130
			Benzo(a)pyrene-d12	40	20.90	52		10	140
P2634-22	BHBY6	BG061524.D	1,4-Dioxane-d8	8	4.46	56		15	120
			Pyridine-d5	40	18.01	45		20	120
			Phenol-d5	40	20.07	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.56	51		10	150
			2-Chlorophenol-d4	40	24.40	61		15	120
			4-Methylphenol-d8	40	19.31	48		10	140
			Nitrobenzene-d5	40	26.48	66		10	135
			2-Nitrophenol-d4	40	26.04	65		10	120

Surrogate Summary

SW-846

SDG No.: **BG060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-22	BHBY6	BG061524.D	2,4-Dichlorophenol-d3	40	25.97	65		10	140
			4-Chloroaniline-d4	40	22.72	57		1	145
			Dimethylphthalate-d6	40	24.79	62		10	145
			Acenaphthylene-d8	40	25.86	65		15	120
			4-Nitrophenol-d4	40	21.99	55		10	150
			Fluorene-d10	40	24.84	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.19	20		10	130
			Anthracene-d10	40	25.16	63		10	150
			Pyrene-d10	40	25.32	63		10	130
			Benzo(a)pyrene-d12	40	26.16	65		10	140
PB161173BL	PB161173BL	BG061515.D	1,4-Dioxane-d8	8	4.92	61		15	120
			Pyridine-d5	40	19.82	50		20	120
			Phenol-d5	40	22.49	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.66	54		10	150
			2-Chlorophenol-d4	40	25.24	63		15	120
			4-Methylphenol-d8	40	21.35	53		10	140
			Nitrobenzene-d5	40	27.29	68		10	135
			2-Nitrophenol-d4	40	26.23	66		10	120
			2,4-Dichlorophenol-d3	40	25.78	64		10	140
			4-Chloroaniline-d4	40	23.56	59		1	145
			Dimethylphthalate-d6	40	24.46	61		10	145
			Acenaphthylene-d8	40	25.89	65		15	120
			4-Nitrophenol-d4	40	19.04	48		10	150
			Fluorene-d10	40	23.90	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.42	44		10	130
			Anthracene-d10	40	26.92	67		10	150
			Pyrene-d10	40	25.99	65		10	130
			Benzo(a)pyrene-d12	40	27.14	68		10	140



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

Surrogate Summary

SW-846

SDG No.: BG060624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
P2623-11DL	BHBR6DL	BG061517.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	8.06	20		20	120
			Phenol-d5	40	23.61	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.99	62		10	150
			2-Chlorophenol-d4	40	27.27	68		15	120
			4-Methylphenol-d8	40	19.26	48		10	140
			Nitrobenzene-d5	40	31.05	78		10	135
			2-Nitrophenol-d4	40	30.02	75		10	120
			2,4-Dichlorophenol-d3	40	29.91	75		10	140
			4-Chloroaniline-d4	40	12.69	32		1	145
			Dimethylphthalate-d6	40	30.70	77		10	145
			Acenaphthylene-d8	40	30.97	77		15	120
			4-Nitrophenol-d4	40	20.05	50		10	150
			Fluorene-d10	40	30.80	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.21	38		10	130
			Anthracene-d10	40	32.87	82		10	150
			Pyrene-d10	40	29.35	73		10	130
			Benzo(a)pyrene-d12	40	24.09	60		10	140

Surrogate Summary

SW-846

SDG No.: **BG060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2635-01	BHHY7	BG061506.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Pyridine-d5	40	2.47	6	*	20	120
			Phenol-d5	40	18.51	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.78	47		10	150
			2-Chlorophenol-d4	40	24.16	60		15	120
			4-Methylphenol-d8	40	19.62	49		10	140
			Nitrobenzene-d5	40	26.61	67		10	135
			2-Nitrophenol-d4	40	25.87	65		10	120
			2,4-Dichlorophenol-d3	40	25.35	63		10	140
			4-Chloroaniline-d4	40	11.95	30		1	145
			Dimethylphthalate-d6	40	26.81	67		10	145
			Acenaphthylene-d8	40	27.47	69		15	120
			4-Nitrophenol-d4	40	14.45	36		10	150
			Fluorene-d10	40	26.55	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.79	44		10	130
			Anthracene-d10	40	28.64	72		10	150
			Pyrene-d10	40	23.91	60		10	130
			Benzo(a)pyrene-d12	40	19.09	48		10	140
P2635-02	BHHY8	BG061508.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	4.42	11	*	20	120
			Phenol-d5	40	21.31	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.05	55		10	150
			2-Chlorophenol-d4	40	24.15	60		15	120
			4-Methylphenol-d8	40	18.56	46		10	140
			Nitrobenzene-d5	40	26.86	67		10	135
			2-Nitrophenol-d4	40	27.39	68		10	120
			2,4-Dichlorophenol-d3	40	25.91	65		10	140
			4-Chloroaniline-d4	40	8.39	21		1	145
			Dimethylphthalate-d6	40	25.91	65		10	145
			Acenaphthylene-d8	40	26.99	67		15	120
			4-Nitrophenol-d4	40	21.81	55		10	150
			Fluorene-d10	40	25.69	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.89	45		10	130
			Anthracene-d10	40	27.85	70		10	150
			Pyrene-d10	40	23.80	59		10	130
			Benzo(a)pyrene-d12	40	19.17	48		10	140
P2635-03	BHHY9	BG061509.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Pyridine-d5	40	2.83	7	*	20	120
			Phenol-d5	40	15.85	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.03	45		10	150
			2-Chlorophenol-d4	40	19.98	50		15	120
			4-Methylphenol-d8	40	14.39	36		10	140
			Nitrobenzene-d5	40	22.33	56		10	135
			2-Nitrophenol-d4	40	21.96	55		10	120
			2,4-Dichlorophenol-d3	40	21.43	54		10	140
			4-Chloroaniline-d4	40	13.02	33		1	145
			Dimethylphthalate-d6	40	22.05	55		10	145
			Acenaphthylene-d8	40	22.94	57		15	120
			4-Nitrophenol-d4	40	17.42	44		10	150

Surrogate Summary

SW-846

SDG No.: **BG060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2635-03	BHHY9	BG061509.D	Fluorene-d10	40	21.79	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.90	32		10	130
			Anthracene-d10	40	22.95	57		10	150
			Pyrene-d10	40	20.99	52		10	130
			Benzo(a)pyrene-d12	40	17.45	44		10	140
P2635-06	BHBZ0	BG061510.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	2.86	7	*	20	120
			Phenol-d5	40	16.32	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.04	45		10	150
			2-Chlorophenol-d4	40	20.07	50		15	120
			4-Methylphenol-d8	40	14.42	36		10	140
			Nitrobenzene-d5	40	22.71	57		10	135
			2-Nitrophenol-d4	40	22.56	56		10	120
			2,4-Dichlorophenol-d3	40	21.81	55		10	140
			4-Chloroaniline-d4	40	14.67	37		1	145
			Dimethylphthalate-d6	40	22.72	57		10	145
			Acenaphthylene-d8	40	23.47	59		15	120
			4-Nitrophenol-d4	40	16.37	41		10	150
			Fluorene-d10	40	22.98	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.18	35		10	130
			Anthracene-d10	40	23.53	59		10	150
			Pyrene-d10	40	20.84	52		10	130
			Benzo(a)pyrene-d12	40	17.37	43		10	140
			1,4-Dioxane-d8	8	4.08	51		15	120
			Pyridine-d5	40	0.00	0	*	20	120
P2635-07	BHBZ1	BG061511.D	Phenol-d5	40	20.82	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.35	53		10	150
			2-Chlorophenol-d4	40	23.42	59		15	120
			4-Methylphenol-d8	40	16.45	41		10	140
			Nitrobenzene-d5	40	27.69	69		10	135
			2-Nitrophenol-d4	40	26.11	65		10	120
			2,4-Dichlorophenol-d3	40	25.88	65		10	140
			4-Chloroaniline-d4	40	17.79	44		1	145
			Dimethylphthalate-d6	40	26.70	67		10	145
			Acenaphthylene-d8	40	28.18	70		15	120
			4-Nitrophenol-d4	40	18.14	45		10	150
			Fluorene-d10	40	26.61	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.94	40		10	130
			Anthracene-d10	40	27.52	69		10	150
			Pyrene-d10	40	23.35	58		10	130
			Benzo(a)pyrene-d12	40	18.53	46		10	140
			1,4-Dioxane-d8	8	3.24	41		15	120
			Pyridine-d5	40	2.17	5	*	20	120
			Phenol-d5	40	17.75	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.03	45		10	150
P2635-08	BHBZ2	BG061512.D	2-Chlorophenol-d4	40	20.31	51		15	120
			4-Methylphenol-d8	40	15.45	39		10	140
			Nitrobenzene-d5	40	22.30	56		10	135
			2-Nitrophenol-d4	40	21.45	54		10	120

Surrogate Summary

SW-846

SDG No.: **BG060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2635-08	BHBZ2	BG061512.D	2,4-Dichlorophenol-d3	40	21.33	53		10	140
			4-Chloroaniline-d4	40	11.58	29		1	145
			Dimethylphthalate-d6	40	21.47	54		10	145
			Acenaphthylene-d8	40	21.96	55		15	120
			4-Nitrophenol-d4	40	15.85	40		10	150
			Fluorene-d10	40	21.06	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.16	33		10	130
			Anthracene-d10	40	22.76	57		10	150
			Pyrene-d10	40	19.97	50		10	130
			Benzo(a)pyrene-d12	40	16.74	42		10	140
P2635-09	BHBZ3	BG061507.D	Pyridine-d5	40	4.58	11	*	20	120
			1,4-Dioxane-d8	8	4.56	57		15	120
			Phenol-d5	40	23.29	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.19	58		10	150
			2-Chlorophenol-d4	40	26.56	66		15	120
			4-Methylphenol-d8	40	22.18	55		10	140
			Nitrobenzene-d5	40	28.28	71		10	135
			2-Nitrophenol-d4	40	28.04	70		10	120
			2,4-Dichlorophenol-d3	40	27.24	68		10	140
			4-Chloroaniline-d4	40	13.06	33		1	145
			Dimethylphthalate-d6	40	26.00	65		10	145
			Acenaphthylene-d8	40	27.58	69		15	120
			4-Nitrophenol-d4	40	21.97	55		10	150
			Fluorene-d10	40	26.62	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.48	51		10	130
			Anthracene-d10	40	29.22	73		10	150
			Pyrene-d10	40	25.42	64		10	130
			Benzo(a)pyrene-d12	40	20.51	51		10	140
PB161271BL	PB161271BL	BG061505.D	Pyridine-d5	40	26.74	67		20	120
			1,4-Dioxane-d8	8	6.24	78		15	120
			Phenol-d5	40	24.72	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.02	60		10	150
			2-Chlorophenol-d4	40	27.32	68		15	120
			4-Methylphenol-d8	40	26.37	66		10	140
			Nitrobenzene-d5	40	33.35	83		10	135
			2-Nitrophenol-d4	40	32.57	81		10	120
			2,4-Dichlorophenol-d3	40	30.99	77		10	140
			4-Chloroaniline-d4	40	28.92	72		1	145
			Dimethylphthalate-d6	40	31.17	78		10	145
			Acenaphthylene-d8	40	32.46	81		15	120
			4-Nitrophenol-d4	40	24.02	60		10	150
			Fluorene-d10	40	30.80	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.02	53		10	130
			Anthracene-d10	40	34.39	86		10	150
			Pyrene-d10	40	31.89	80		10	130
			Benzo(a)pyrene-d12	40	33.65	84		10	140
PB161271BS	PB161271BS	BG061513.D	1,4-Dioxane-d8	8	6.28	79		15	120
			Pyridine-d5	40	23.90	60		20	120
			Phenol-d5	40	25.69	64		10	130



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

Surrogate Summary

SW-846

SDG No.: BG060624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161271BS	PB161271BS	BG061513.D	Bis(2-Chloroethyl)ether-d8	40	25.08	63		10	150
			2-Chlorophenol-d4	40	28.96	72		15	120
			4-Methylphenol-d8	40	24.35	61		10	140
			Nitrobenzene-d5	40	31.67	79		10	135
			2-Nitrophenol-d4	40	32.16	80		10	120
			2,4-Dichlorophenol-d3	40	32.60	81		10	140
			4-Chloroaniline-d4	40	26.80	67		1	145
			Dimethylphthalate-d6	40	30.15	75		10	145
			Acenaphthylene-d8	40	31.65	79		15	120
			4-Nitrophenol-d4	40	25.48	64		10	150
			Fluorene-d10	40	30.34	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.23	73		10	130
			Anthracene-d10	40	33.49	84		10	150
			Pyrene-d10	40	31.85	80		10	130
			Benzo(a)pyrene-d12	40	33.41	84		10	140

Surrogate Summary

SW-846

SDG No.: **BG060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2739-01	E0002	BG061518.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Pyridine-d5	40	3.62	9	*	20	120
			Phenol-d5	40	25.33	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.22	63		10	150
			2-Chlorophenol-d4	40	28.90	72		15	120
			4-Methylphenol-d8	40	22.13	55		10	140
			Nitrobenzene-d5	40	31.84	80		10	135
			2-Nitrophenol-d4	40	31.75	79		10	120
			2,4-Dichlorophenol-d3	40	31.18	78		10	140
			4-Chloroaniline-d4	40	24.02	60		1	145
			Dimethylphthalate-d6	40	31.84	80		10	145
			Acenaphthylene-d8	40	33.08	83		15	120
			4-Nitrophenol-d4	40	26.67	67		10	150
			Fluorene-d10	40	31.88	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.56	54		10	130
			Anthracene-d10	40	33.84	85		10	150
			Pyrene-d10	40	28.84	72		10	130
			Benzo(a)pyrene-d12	40	23.98	60		10	140
P2739-02	E0005	BG061519.D	1,4-Dioxane-d8	8	6.97	87		15	120
			Pyridine-d5	40	9.03	23		20	120
			Phenol-d5	40	34.23	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.29	86		10	150
			2-Chlorophenol-d4	40	39.20	98		15	120
			4-Methylphenol-d8	40	29.74	74		10	140
			Nitrobenzene-d5	40	42.28	106		10	135
			2-Nitrophenol-d4	40	42.83	107		10	120
			2,4-Dichlorophenol-d3	40	42.01	105		10	140
			4-Chloroaniline-d4	40	31.48	79		1	145
			Dimethylphthalate-d6	40	42.44	106		10	145
			Acenaphthylene-d8	40	43.82	110		15	120
			4-Nitrophenol-d4	40	35.63	89		10	150
			Fluorene-d10	40	43.50	109		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.90	72		10	130
			Anthracene-d10	40	47.69	119		10	150
			Pyrene-d10	40	40.10	100		10	130
			Benzo(a)pyrene-d12	40	33.32	83		10	140
P2739-03MS	E0005MS	BG061520.D	1,4-Dioxane-d8	8	5.85	73		15	120
			Pyridine-d5	40	11.51	29		20	120
			Phenol-d5	40	28.02	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.40	68		10	150
			2-Chlorophenol-d4	40	31.22	78		15	120
			4-Methylphenol-d8	40	25.23	63		10	140
			Nitrobenzene-d5	40	35.85	90		10	135
			2-Nitrophenol-d4	40	36.33	91		10	120
			2,4-Dichlorophenol-d3	40	36.30	91		10	140
			4-Chloroaniline-d4	40	27.93	70		1	145
			Dimethylphthalate-d6	40	34.47	86		10	145
			Acenaphthylene-d8	40	36.33	91		15	120
			4-Nitrophenol-d4	40	28.06	70		10	150

Surrogate Summary

SW-846

SDG No.: **BG060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2739-03MS	E0005MS	BG061520.D	Fluorene-d10	40	34.53	86		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.83	70		10	130
			Anthracene-d10	40	37.02	93		10	150
			Pyrene-d10	40	31.36	78		10	130
			Benzo(a)pyrene-d12	40	25.70	64		10	140
P2739-04MSD	E0005MSD	BG061521.D	1,4-Dioxane-d8	8	5.74	72		15	120
			Pyridine-d5	40	12.76	32		20	120
			Phenol-d5	40	28.99	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.39	73		10	150
			2-Chlorophenol-d4	40	32.97	82		15	120
			4-Methylphenol-d8	40	26.58	66		10	140
			Nitrobenzene-d5	40	37.91	95		10	135
			2-Nitrophenol-d4	40	37.03	93		10	120
			2,4-Dichlorophenol-d3	40	37.70	94		10	140
			4-Chloroaniline-d4	40	28.34	71		1	145
			Dimethylphthalate-d6	40	35.39	88		10	145
			Acenaphthylene-d8	40	37.27	93		15	120
			4-Nitrophenol-d4	40	29.28	73		10	150
			Fluorene-d10	40	36.34	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.41	71		10	130
			Anthracene-d10	40	38.83	97		10	150
			Pyrene-d10	40	33.45	84		10	130
			Benzo(a)pyrene-d12	40	27.77	69		10	140
			Pyridine-d5	40	20.57	51		20	120
			1,4-Dioxane-d8	8	4.83	60		15	120
PB161346BL	PB161346BL	BG061516.D	Phenol-d5	40	21.74	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.89	55		10	150
			2-Chlorophenol-d4	40	24.80	62		15	120
			4-Methylphenol-d8	40	21.49	54		10	140
			Nitrobenzene-d5	40	27.85	70		10	135
			2-Nitrophenol-d4	40	27.01	68		10	120
			2,4-Dichlorophenol-d3	40	25.91	65		10	140
			4-Chloroaniline-d4	40	24.07	60		1	145
			Dimethylphthalate-d6	40	25.73	64		10	145
			Acenaphthylene-d8	40	27.01	68		15	120
			4-Nitrophenol-d4	40	20.14	50		10	150
			Fluorene-d10	40	25.27	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.30	46		10	130
			Anthracene-d10	40	28.56	71		10	150
			Pyrene-d10	40	26.81	67		10	130
			Benzo(a)pyrene-d12	40	28.86	72		10	140
			1,4-Dioxane-d8	8	5.48	68		15	120
			Pyridine-d5	40	23.78	59		20	120
			Phenol-d5	40	25.70	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.07	63		10	150
PB161346BS	PB161346BS	BG061528.D	2-Chlorophenol-d4	40	29.76	74		15	120
			4-Methylphenol-d8	40	25.54	64		10	140
			Nitrobenzene-d5	40	32.75	82		10	135
			2-Nitrophenol-d4	40	31.94	80		10	120



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

Surrogate Summary

SW-846

SDG No.: BG060624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB161346BS	PB161346BS	BG061528.D	2,4-Dichlorophenol-d3	40	33.40	84		10	140
			4-Chloroaniline-d4	40	28.83	72		1	145
			Dimethylphthalate-d6	40	32.01	80		10	145
			Acenaphthylene-d8	40	33.30	83		15	120
			4-Nitrophenol-d4	40	30.83	77		10	150
			Fluorene-d10	40	32.03	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.60	49		10	130
			Anthracene-d10	40	35.89	90		10	150
			Pyrene-d10	40	34.29	86		10	130
			Benzo(a)pyrene-d12	40	36.24	91		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG060624

Lab Code: CHEM

SAS No.: BG060624

SDG NO.: BG060624

Lab File ID: BG061503.D

DFTPP Injection Date: 06/06/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.1
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	33.2
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	96.3
443	15.0 - 24.0% of mass 442	19.3 (20) 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
SSTD020519	SSTDCCC020	BG061504.D	06/06/2024	10:36
SBLK271	PB161271BL	BG061505.D	06/06/2024	11:27
BHBY7	P2635-01	BG061506.D	06/06/2024	12:12
BHBZ3	P2635-09	BG061507.D	06/06/2024	12:53
BHBY8	P2635-02	BG061508.D	06/06/2024	13:35
BHBY9	P2635-03	BG061509.D	06/06/2024	14:16
BHBZ0	P2635-06	BG061510.D	06/06/2024	14:57
BHBZ1	P2635-07	BG061511.D	06/06/2024	15:38
BHBZ2	P2635-08	BG061512.D	06/06/2024	16:19
SLCS271	PB161271BS	BG061513.D	06/06/2024	17:01
SSTD020520	SSTDCCC020	BG061514.D	06/06/2024	17:42
SBLK173	PB161173BL	BG061515.D	06/06/2024	18:23
SBLK346	PB161346BL	BG061516.D	06/06/2024	19:05
BHBR6DL	P2623-11DL	BG061517.D	06/06/2024	19:46
E0002	P2739-01	BG061518.D	06/06/2024	20:27
E0005	P2739-02	BG061519.D	06/06/2024	21:09
E0005MS	P2739-03MS	BG061520.D	06/06/2024	21:50
E0005MSD	P2739-04MSD	BG061521.D	06/06/2024	22:31

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG060624

Lab Code: CHEM

SAS No.: BG060624

SDG NO.: BG060624

Lab File ID: BG061503.D

DFTPP Injection Date: 06/06/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.1
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	33.2
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	96.3
443	15.0 - 24.0% of mass 442	19.3 (20) 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
BHBW9	P2634-03	BG061522.D	06/06/2024	23:13
BHBX8	P2634-14	BG061523.D	06/06/2024	23:54
BHBY6	P2634-22	BG061524.D	06/07/2024	00:35
BHBX7	P2634-13	BG061525.D	06/07/2024	01:16
BHBY3	P2634-19	BG061526.D	06/07/2024	01:57
BHBY2	P2634-18	BG061527.D	06/07/2024	02:39
SLCS346	PB161346BS	BG061528.D	06/07/2024	03:20
SSTD020521	SSTDCCC020EC	BG061529.D	06/07/2024	04:42