

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG No.: BG052924

Instrument ID: BNA_G Calibration Date/Time: 5/29/2024 1:09:09

Lab File ID: BG061320.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020500 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	0.439	0.010	2.2475	40.0
Benzaldehyde	0.859	0.884	0.010	2.8997	40.0
Pyridine	1.258	1.224	0.010	-2.6448	40.0
Phenol	1.673	1.553	0.080	-7.1868	20.0
Bis(2-Chloroethyl) ether	1.224	1.190	0.100	-2.7779	20.0
2-Chlorophenol	1.285	1.224	0.200	-4.7253	20.0
2-Methylphenol	1.297	1.219	0.010	-5.9873	20.0
2,2-oxybis(1-Chloropropane)	3.306	3.012	0.010	-8.8736	40.0
Acetophenone	2.390	2.267	0.060	-5.1354	20.0
4-Methylphenol	1.437	1.380	0.010	-3.9298	20.0
N-Nitroso-di-n-propylamine	1.314	1.171	0.050	-10.8763	30.0
Hexachloroethane	0.572	0.557	0.100	-2.6164	20.0
Nitrobenzene	0.422	0.399	0.050	-5.571	25.0
Isophorone	0.859	0.766	0.050	-10.8017	25.0
2-Nitrophenol	0.196	0.184	0.050	-6.1045	25.0
2,4-Dimethylphenol	0.388	0.376	0.050	-3.0052	25.0
Bis(2-Chloroethoxy) methane	0.431	0.415	0.050	-3.6691	20.0
2,4-Dichlorophenol	0.324	0.335	0.060	3.4528	20.0
Naphthalene	1.056	1.068	0.200	1.2013	20.0
4-Chloroaniline	0.457	0.439	0.010	-3.9052	40.0
Hexachlorobutadiene	0.316	0.321	0.040	1.4521	30.0
Caprolactam	0.124	0.116	0.010	-6.2988	40.0
4-Chloro-3-methylphenol	0.418	0.412	0.040	-1.5998	25.0
1-Methylnaphthalene	0.786	0.773	0.100	-1.6446	20.0
2-Methylnaphthalene	0.766	0.758	0.100	-1.0113	20.0
Hexachlorocyclopentadiene	0.298	0.220	0.010	-26.3077	40.0
2,4,6-Trichlorophenol	0.372	0.373	0.090	0.1878	25.0
2,4,5-Trichlorophenol	0.392	0.401	0.100	2.2947	25.0
1,1-Biphenyl	1.293	1.283	0.200	-0.8011	20.0
2-Chloronaphthalene	1.018	1.024	0.300	0.5772	20.0
2-Nitroaniline	0.420	0.386	0.050	-8.1562	40.0
Dimethylphthalate	1.617	1.491	0.300	-7.7969	20.0
2,6-Dinitrotoluene	0.317	0.301	0.080	-5.0587	30.0
Acenaphthylene	1.788	1.751	0.400	-2.0608	20.0
3-Nitroaniline	0.275	0.268	0.010	-2.6868	40.0
Acenaphthene	1.173	1.139	0.200	-2.8746	20.0
2,4-Dinitrophenol	0.168	0.141	0.010	-16.0865	40.0
4-Nitrophenol	0.225	0.182	0.010	-19.0605	40.0
Dibenzofuran	1.677	1.656	0.300	-1.2891	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG No.: BG052924

Instrument ID: BNA_G Calibration Date/Time: 5/29/2024 1:09:09

Lab File ID: BG061320.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020500 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	0.443	0.070	-8.0877	30.0
Diethylphthalate	1.597	1.456	0.300	-8.8082	20.0
Fluorene	1.451	1.372	0.200	-5.4268	20.0
4-Chlorophenyl-phenylether	0.851	0.796	0.100	-6.502	20.0
4-Nitroaniline	0.287	0.267	0.010	-6.7646	40.0
4,6-Dinitro-2-methylphenol	0.127	0.109	0.010	-14.305	40.0
N-Nitrosodiphenylamine	0.503	0.522	0.050	3.7528	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.681	0.100	3.193	20.0
4-Bromophenyl-phenylether	0.237	0.238	0.070	0.4799	20.0
Hexachlorobenzene	0.263	0.267	0.050	1.4004	25.0
Atrazine	0.199	0.191	0.010	-4.2104	25.0
Pentachlorophenol	0.092	0.103	0.010	12.0581	40.0
Phenanthrene	0.971	0.974	0.200	0.3214	20.0
Pentachlorobenzene	0.292	0.315	0.050	7.6327	20.0
Anthracene	1.004	0.997	0.200	-0.6284	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.293	0.050	11.0117	20.0
Carbazole	0.816	0.799	0.050	-2.1313	40.0
Di-n-butylphthalate	1.023	0.999	0.500	-2.3116	25.0
Fluoranthene	1.232	1.175	0.400	-4.5928	25.0
Pyrene	1.279	1.216	0.400	-4.8921	25.0
Butylbenzylphthalate	0.439	0.419	0.100	-4.5964	40.0
3,3-Dichlorobenzidine	0.425	0.444	0.010	4.6641	40.0
Benzo (a) anthracene	1.380	1.340	0.300	-2.9096	30.0
Chrysene	1.271	1.242	0.200	-2.2452	30.0
Bis (2-ethylhexyl) phthalate	0.650	0.633	0.200	-2.6615	40.0
Di-n-octyl phthalate	1.001	0.968	0.010	-3.2122	40.0
Benzo (b) fluoranthene	1.191	1.128	0.200	-5.2478	25.0
Benzo (k) fluoranthene	1.209	1.156	0.200	-4.3908	25.0
Benzo (a) pyrene	1.131	1.100	0.200	-2.7158	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.321	0.200	-3.3766	25.0
Dibenzo (a,h) anthracene	1.128	1.075	0.200	-4.6843	30.0
Benzo (g,h,i) perylene	1.088	1.002	0.200	-7.8896	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.333	0.040	-6.7364	20.0
1,4-Dioxane-d8	0.357	0.375	0.010	4.9315	25.0
Pyridine-d5	1.271	1.150	0.010	-9.5457	40.0
Phenol-d5	1.642	1.513	0.010	-7.8747	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.975	0.050	-5.5583	25.0
2-Chlorophenol-d4	1.216	1.150	0.200	-5.4145	20.0
4-Methylphenol-d8	1.400	1.351	0.010	-3.548	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG No.: BG052924
 Instrument ID: BNA_G Calibration Date/Time: 5/29/2024 1:09:09
 Lab File ID: BG061320.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020500 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.152	0.050	-1.4639	20.0
2-Nitrophenol-d4	0.180	0.176	0.050	-2.0881	30.0
2,4-Dichlorophenol-d3	0.351	0.349	0.060	-0.5304	20.0
4-Chloroaniline-d4	0.460	0.432	0.010	-6.0222	40.0
Dimethylphthalate-d6	1.551	1.420	0.300	-8.4852	20.0
Acenaphthylene-d8	1.613	1.552	0.400	-3.7763	20.0
4-Nitrophenol-d4	0.192	0.168	0.010	-12.3332	40.0
Fluorene-d10	1.339	1.248	0.100	-6.7903	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.106	0.010	-12.2701	40.0
Anthracene-d10	0.882	0.887	0.300	0.5977	20.0
Pyrene-d10	1.027	0.984	0.300	-4.1897	25.0
Benzo(a)pyrene-d12	0.962	0.939	0.010	-2.3414	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.: BG052924 SAS No.: BG052924 SDG No.: BG052924

Instrument ID: BNA_G Calibration Date/Time: 5/29/2024 1:15:56

Lab File ID: BG061330.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020501 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	0.381	0.010	-11.2005	40.0
Benzaldehyde	0.859	0.880	0.010	2.4818	40.0
Pyridine	1.258	1.110	0.010	-11.7071	40.0
Phenol	1.673	1.558	0.080	-6.8829	20.0
Bis(2-Chloroethyl)ether	1.224	1.161	0.100	-5.1869	20.0
2-Chlorophenol	1.285	1.239	0.200	-3.5762	20.0
2-Methylphenol	1.297	1.195	0.010	-7.8714	20.0
2,2-oxybis(1-Chloropropane)	3.306	2.861	0.010	-13.4576	40.0
Acetophenone	2.390	2.118	0.060	-11.3805	20.0
4-Methylphenol	1.437	1.313	0.010	-8.6454	20.0
N-Nitroso-di-n-propylamine	1.314	1.064	0.050	-19.0041	30.0
Hexachloroethane	0.572	0.565	0.100	-1.222	20.0
Nitrobenzene	0.422	0.390	0.050	-7.6191	25.0
Isophorone	0.859	0.708	0.050	-17.5605	25.0
2-Nitrophenol	0.196	0.186	0.050	-5.1188	25.0
2,4-Dimethylphenol	0.388	0.362	0.050	-6.6107	25.0
Bis(2-Chloroethoxy)methane	0.431	0.389	0.050	-9.7759	20.0
2,4-Dichlorophenol	0.324	0.324	0.060	0.1323	20.0
Naphthalene	1.056	1.029	0.200	-2.5073	20.0
4-Chloroaniline	0.457	0.412	0.010	-9.7766	40.0
Hexachlorobutadiene	0.316	0.319	0.040	0.705	30.0
Caprolactam	0.124	0.101	0.010	-18.1876	40.0
4-Chloro-3-methylphenol	0.418	0.364	0.040	-13.0198	25.0
1-Methylnaphthalene	0.786	0.702	0.100	-10.6708	20.0
2-Methylnaphthalene	0.766	0.710	0.100	-7.294	20.0
Hexachlorocyclopentadiene	0.298	0.246	0.010	-17.5479	40.0
2,4,6-Trichlorophenol	0.372	0.387	0.090	4.0107	25.0
2,4,5-Trichlorophenol	0.392	0.411	0.100	4.9372	25.0
1,1-Biphenyl	1.293	1.281	0.200	-0.9328	20.0
2-Chloronaphthalene	1.018	1.065	0.300	4.5937	20.0
2-Nitroaniline	0.420	0.385	0.050	-8.321	40.0
Dimethylphthalate	1.617	1.421	0.300	-12.1098	20.0
2,6-Dinitrotoluene	0.317	0.294	0.080	-7.3284	30.0
Acenaphthylene	1.788	1.730	0.400	-3.2515	20.0
3-Nitroaniline	0.275	0.267	0.010	-3.0835	40.0
Acenaphthene	1.173	1.148	0.200	-2.1228	20.0
2,4-Dinitrophenol	0.168	0.126	0.010	-25.1496	40.0
4-Nitrophenol	0.225	0.186	0.010	-17.7052	40.0
Dibenzofuran	1.677	1.596	0.300	-4.8333	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG No.: BG052924

Instrument ID: BNA_G Calibration Date/Time: 5/29/2024 1:15:56

Lab File ID: BG061330.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020501 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	0.430	0.070	-10.7657	30.0
Diethylphthalate	1.597	1.400	0.300	-12.3243	20.0
Fluorene	1.451	1.366	0.200	-5.856	20.0
4-Chlorophenyl-phenylether	0.851	0.803	0.100	-5.7067	20.0
4-Nitroaniline	0.287	0.274	0.010	-4.3082	40.0
4,6-Dinitro-2-methylphenol	0.127	0.096	0.010	-24.3309	40.0
N-Nitrosodiphenylamine	0.503	0.507	0.050	0.7726	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.722	0.100	9.2699	20.0
4-Bromophenyl-phenylether	0.237	0.240	0.070	1.3211	20.0
Hexachlorobenzene	0.263	0.258	0.050	-2.0077	25.0
Atrazine	0.199	0.188	0.010	-5.6995	25.0
Pentachlorophenol	0.092	0.098	0.010	6.9893	40.0
Phenanthrene	0.971	0.930	0.200	-4.1865	20.0
Pentachlorobenzene	0.292	0.309	0.050	5.8798	20.0
Anthracene	1.004	0.977	0.200	-2.6472	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.311	0.050	17.4873	20.0
Carbazole	0.816	0.794	0.050	-2.7018	40.0
Di-n-butylphthalate	1.023	0.978	0.500	-4.3543	25.0
Fluoranthene	1.232	1.173	0.400	-4.8016	25.0
Pyrene	1.279	1.198	0.400	-6.3402	25.0
Butylbenzylphthalate	0.439	0.427	0.100	-2.7504	40.0
3,3-Dichlorobenzidine	0.425	0.441	0.010	3.9275	40.0
Benzo (a) anthracene	1.380	1.330	0.300	-3.6377	30.0
Chrysene	1.271	1.212	0.200	-4.6332	30.0
Bis (2-ethylhexyl) phthalate	0.650	0.618	0.200	-4.9208	40.0
Di-n-octyl phthalate	1.001	0.946	0.010	-5.4699	40.0
Benzo (b) fluoranthene	1.191	1.108	0.200	-6.9241	25.0
Benzo (k) fluoranthene	1.209	1.151	0.200	-4.7543	25.0
Benzo (a) pyrene	1.131	1.094	0.200	-3.2264	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.302	0.200	-4.7989	25.0
Dibenzo (a,h) anthracene	1.128	1.068	0.200	-5.2548	30.0
Benzo (g,h,i) perylene	1.088	0.975	0.200	-10.3422	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.352	0.040	-1.506	20.0
1,4-Dioxane-d8	0.357	0.358	0.010	0.0819	25.0
Pyridine-d5	1.271	1.088	0.010	-14.436	40.0
Phenol-d5	1.642	1.491	0.010	-9.1922	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.939	0.050	-9.0353	25.0
2-Chlorophenol-d4	1.216	1.164	0.200	-4.2429	20.0
4-Methylphenol-d8	1.400	1.286	0.010	-8.1662	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG No.: BG052924

Instrument ID: BNA_G Calibration Date/Time: 5/29/2024 1:15:56

Lab File ID: BG061330.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020501 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.146	0.050	-5.1197	20.0
2-Nitrophenol-d4	0.180	0.169	0.050	-6.1878	30.0
2,4-Dichlorophenol-d3	0.351	0.347	0.060	-1.1001	20.0
4-Chloroaniline-d4	0.460	0.414	0.010	-9.8923	40.0
Dimethylphthalate-d6	1.551	1.364	0.300	-12.0473	20.0
Acenaphthylene-d8	1.613	1.598	0.400	-0.9377	20.0
4-Nitrophenol-d4	0.192	0.160	0.010	-16.5717	40.0
Fluorene-d10	1.339	1.278	0.100	-4.5634	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.091	0.010	-24.8498	40.0
Anthracene-d10	0.882	0.851	0.300	-3.4805	20.0
Pyrene-d10	1.027	0.973	0.300	-5.2119	25.0
Benzo(a)pyrene-d12	0.962	0.914	0.010	-4.9222	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.: BG052924 SAS No.: BG052924 SDG No.: BG052924

Instrument ID: BNA_G Calibration Date/Time: 5/30/2024 1:02:16

Lab File ID: BG061344.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020502 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	0.414	0.010	-3.543	40.0
Benzaldehyde	0.859	0.883	0.010	2.7869	40.0
Pyridine	1.258	1.121	0.010	-10.8423	40.0
Phenol	1.673	1.578	0.080	-5.7113	20.0
Bis(2-Chloroethyl)ether	1.224	1.159	0.100	-5.3426	20.0
2-Chlorophenol	1.285	1.208	0.200	-5.9956	20.0
2-Methylphenol	1.297	1.182	0.010	-8.8797	20.0
2,2-oxybis(1-Chloropropane)	3.306	2.908	0.010	-12.0338	40.0
Acetophenone	2.390	2.126	0.060	-11.0347	20.0
4-Methylphenol	1.437	1.318	0.010	-8.2432	20.0
N-Nitroso-di-n-propylamine	1.314	1.070	0.050	-18.5851	30.0
Hexachloroethane	0.572	0.530	0.100	-7.2366	20.0
Nitrobenzene	0.422	0.400	0.050	-5.3919	25.0
Isophorone	0.859	0.714	0.050	-16.8365	25.0
2-Nitrophenol	0.196	0.184	0.050	-6.006	25.0
2,4-Dimethylphenol	0.388	0.346	0.050	-10.7057	25.0
Bis(2-Chloroethoxy)methane	0.431	0.395	0.050	-8.3755	20.0
2,4-Dichlorophenol	0.324	0.323	0.060	-0.2403	20.0
Naphthalene	1.056	1.032	0.200	-2.2348	20.0
4-Chloroaniline	0.457	0.419	0.010	-8.1721	40.0
Hexachlorobutadiene	0.316	0.313	0.040	-0.912	30.0
Caprolactam	0.124	0.093	0.010	-25.265	40.0
4-Chloro-3-methylphenol	0.418	0.364	0.040	-13.0206	25.0
1-Methylnaphthalene	0.786	0.722	0.100	-8.0895	20.0
2-Methylnaphthalene	0.766	0.715	0.100	-6.6094	20.0
Hexachlorocyclopentadiene	0.298	0.263	0.010	-11.7529	40.0
2,4,6-Trichlorophenol	0.372	0.382	0.090	2.806	25.0
2,4,5-Trichlorophenol	0.392	0.408	0.100	4.1222	25.0
1,1-Biphenyl	1.293	1.315	0.200	1.7171	20.0
2-Chloronaphthalene	1.018	1.053	0.300	3.4649	20.0
2-Nitroaniline	0.420	0.386	0.050	-8.1006	40.0
Dimethylphthalate	1.617	1.411	0.300	-12.6982	20.0
2,6-Dinitrotoluene	0.317	0.294	0.080	-7.386	30.0
Acenaphthylene	1.788	1.732	0.400	-3.154	20.0
3-Nitroaniline	0.275	0.269	0.010	-2.0739	40.0
Acenaphthene	1.173	1.140	0.200	-2.8122	20.0
2,4-Dinitrophenol	0.168	0.172	0.010	2.4277	40.0
4-Nitrophenol	0.225	0.184	0.010	-18.2534	40.0
Dibenzofuran	1.677	1.579	0.300	-5.8355	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG No.: BG052924

Instrument ID: BNA_G Calibration Date/Time: 5/30/2024 1:02:16

Lab File ID: BG061344.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020502 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	0.419	0.070	-13.2291	30.0
Diethylphthalate	1.597	1.367	0.300	-14.3834	20.0
Fluorene	1.451	1.340	0.200	-7.6303	20.0
4-Chlorophenyl-phenylether	0.851	0.800	0.100	-6.0518	20.0
4-Nitroaniline	0.287	0.259	0.010	-9.5918	40.0
4,6-Dinitro-2-methylphenol	0.127	0.101	0.010	-19.9503	40.0
N-Nitrosodiphenylamine	0.503	0.508	0.050	1.0889	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.702	0.100	6.33	20.0
4-Bromophenyl-phenylether	0.237	0.237	0.070	-0.062	20.0
Hexachlorobenzene	0.263	0.268	0.050	1.6252	25.0
Atrazine	0.199	0.188	0.010	-5.523	25.0
Pentachlorophenol	0.092	0.092	0.010	-0.118	40.0
Phenanthrene	0.971	0.941	0.200	-3.0921	20.0
Pentachlorobenzene	0.292	0.310	0.050	6.1022	20.0
Anthracene	1.004	0.970	0.200	-3.3604	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.308	0.050	16.4664	20.0
Carbazole	0.816	0.793	0.050	-2.9011	40.0
Di-n-butylphthalate	1.023	0.976	0.500	-4.5476	25.0
Fluoranthene	1.232	1.141	0.400	-7.394	25.0
Pyrene	1.279	1.200	0.400	-6.121	25.0
Butylbenzylphthalate	0.439	0.422	0.100	-3.8246	40.0
3,3-Dichlorobenzidine	0.425	0.444	0.010	4.5076	40.0
Benzo (a) anthracene	1.380	1.308	0.300	-5.1849	30.0
Chrysene	1.271	1.221	0.200	-3.89	30.0
Bis(2-ethylhexyl)phthalate	0.650	0.615	0.200	-5.4179	40.0
Di-n-octyl phthalate	1.001	0.950	0.010	-5.0582	40.0
Benzo (b) fluoranthene	1.191	1.120	0.200	-5.9791	25.0
Benzo (k) fluoranthene	1.209	1.175	0.200	-2.8399	25.0
Benzo (a) pyrene	1.131	1.082	0.200	-4.3334	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.280	0.200	-6.3907	25.0
Dibenzo (a,h) anthracene	1.128	1.029	0.200	-8.7115	30.0
Benzo (g,h,i) perylene	1.088	0.933	0.200	-14.2157	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.321	0.040	-10.0823	20.0
1,4-Dioxane-d8	0.357	0.377	0.010	5.4707	25.0
Pyridine-d5	1.271	1.153	0.010	-9.3223	40.0
Phenol-d5	1.642	1.498	0.010	-8.8164	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.903	0.050	-12.5484	25.0
2-Chlorophenol-d4	1.216	1.168	0.200	-3.9101	20.0
4-Methylphenol-d8	1.400	1.260	0.010	-10.0085	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG No.: BG052924
 Instrument ID: BNA_G Calibration Date/Time: 5/30/2024 1:02:16
 Lab File ID: BG061344.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020502 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.151	0.050	-1.9598	20.0
2-Nitrophenol-d4	0.180	0.173	0.050	-3.735	30.0
2,4-Dichlorophenol-d3	0.351	0.343	0.060	-2.331	20.0
4-Chloroaniline-d4	0.460	0.416	0.010	-9.5013	40.0
Dimethylphthalate-d6	1.551	1.372	0.300	-11.5716	20.0
Acenaphthylene-d8	1.613	1.564	0.400	-2.9984	20.0
4-Nitrophenol-d4	0.192	0.158	0.010	-17.7528	40.0
Fluorene-d10	1.339	1.240	0.100	-7.4096	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.099	0.010	-17.8893	40.0
Anthracene-d10	0.882	0.853	0.300	-3.2988	20.0
Pyrene-d10	1.027	0.975	0.300	-5.0669	25.0
Benzo(a)pyrene-d12	0.962	0.917	0.010	-4.5879	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SBLK128	SDG No.:	BG052924
Lab Sample ID:	PB161128BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061321.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

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

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SBLK128	SDG No.:	BG052924
Lab Sample ID:	PB161128BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061321.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

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

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SBLK128	SDG No.:	BG052924
Lab Sample ID:	PB161128BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061321.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.907		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	23.942		20-120		60	SPK: -40
4165-62-2	Phenol-d5	26.642		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.042		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.861		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.773		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	28.572		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.493		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.01		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.96		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.705		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	28.11		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.219		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	27.213		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SBLK128	SDG No.:	BG052924
Lab Sample ID:	PB161128BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061321.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.084		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	29.767		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	28.414		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.467		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24773	7.882				
1146-65-2	Naphthalene-d8	106416	10.678				
15067-26-2	Acenaphthene-d10	85372	14.515				
1517-22-2	Phenanthrene-d10	192543	17.265				
1719-03-5	Chrysene-d12	205656	21.513				
1520-96-3	Perylene-d12	235311	24.603				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3	J			3.082	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R9	SDG No.:	BG052924
Lab Sample ID:	P2571-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061322.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

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

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R9	SDG No.:	BG052924
Lab Sample ID:	P2571-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061322.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	6.5		0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R9	SDG No.:	BG052924
Lab Sample ID:	P2571-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061322.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.431		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	12.504		20-120		31	SPK: -40
4165-62-2	Phenol-d5	7.452		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.165		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.936		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	16.777		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	33.626		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.005		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.018		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.206		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.301		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	34.922		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.864		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	34.427		25-125		86	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R9	SDG No.:	BG052924
Lab Sample ID:	P2571-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061322.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.317		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	38.343		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	38.49		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.404		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24175	7.882				
1146-65-2	Naphthalene-d8	108369	10.678				
15067-26-2	Acenaphthene-d10	86547	14.515				
1517-22-2	Phenanthrene-d10	198700	17.265				
1719-03-5	Chrysene-d12	207812	21.513				
1520-96-3	Perylene-d12	236213	24.603				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	150	J			3.081	
	unknown-01	2.6	J			6.524	
000104-76-7	1-Hexanol, 2-ethyl-	4.8	J			7.94	
	unknown-02	2.1	J			8.122	
000090-05-1	Phenol, 2-methoxy-	5.4	J			8.974	
	unknown-03	2.9	J			9.204	
000095-16-9	Benzothiazole	3.9	J			11.325	
	unknown-04	4.2	J			12.87	
000077-68-9	Propanoic acid, 2-methyl-, 3-hydro	5.7	J			13.123	
000134-62-3	Diethyltoluamide	4.2	J			15.255	
000112-84-5	13-Docosenamide, (Z)-	19	J			22.929	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S0	SDG No.:	BG052924
Lab Sample ID:	P2588-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061323.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

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

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S0	SDG No.:	BG052924
Lab Sample ID:	P2588-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061323.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

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

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S0	SDG No.:	BG052924
Lab Sample ID:	P2588-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061323.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.295		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	11.084		20-120		28	SPK: -40
4165-62-2	Phenol-d5	9.194		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.394		25-120		93	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.32		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	20.335		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	39.817		20-125		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.963		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.698		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.58		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.089		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	40.557		10-130		101	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.383		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	39.827		25-125		100	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5S0	SDG No.:	BG052924
Lab Sample ID:	P2588-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061323.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.831		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	43.005		25-130		108	SPK: -40
1718-52-1	Pyrene-d10	41.78		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.25		20-130		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21029	7.884				
1146-65-2	Naphthalene-d8	91928	10.675				
15067-26-2	Acenaphthene-d10	74622	14.517				
1517-22-2	Phenanthrene-d10	179508	17.261				
1719-03-5	Chrysene-d12	186619	21.515				
1520-96-3	Perylene-d12	214478	24.6				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	190	J			3.078	
000301-02-0	9-Octadecenamide, (Z)-	33	J			22.931	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5N8	SDG No.:	BG052924
Lab Sample ID:	P2549-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061324.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

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

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5N8	SDG No.:	BG052924
Lab Sample ID:	P2549-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061324.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

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

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5N8	SDG No.:	BG052924
Lab Sample ID:	P2549-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061324.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.913		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	13.072		20-120		33	SPK: -40
4165-62-2	Phenol-d5	0.328	*	10-130		1	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.265		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	1.022	*	20-130		3	SPK: -40
190780-66-6	4-Methylphenol-d8	1.132	*	25-125		3	SPK: -40
4165-60-0	Nitrobenzene-d5	34.474		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.19	*	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.447		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.198		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	35.404		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	35.442		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5N8	SDG No.:	BG052924
Lab Sample ID:	P2549-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061324.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	41.994		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	40.718		15-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.784		20-130		107	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22939	7.885				
1146-65-2	Naphthalene-d8	99658	10.675				
15067-26-2	Acenaphthene-d10	79935	14.518				
1517-22-2	Phenanthrene-d10	178937	17.262				
1719-03-5	Chrysene-d12	184871	21.516				
1520-96-3	Perylene-d12	206309	24.6				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	170	J			3.078	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q4	SDG No.:	BG052924
Lab Sample ID:	P2568-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061325.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	81	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	35	U	35	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.8	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	96	U	96	51.8	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.8	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	51.8	210	ug/Kg
78-59-1	Isophorone	81	U	81	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.8	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	51.8	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q4	SDG No.:	BG052924
Lab Sample ID:	P2568-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061325.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.8	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	400	ug/Kg
83-32-9	Acenaphthene	72	J	32	51.8	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	47	J	33	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	51.8	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.8	210	ug/Kg
86-73-7	Fluorene	57	J	33	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.8	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	1000		33	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.8	210	ug/Kg
120-12-7	Anthracene	160	J	30	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.8	210	ug/Kg
86-74-8	Carbazole	99	J	41	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	80	J	33	51.8	210	ug/Kg
206-44-0	Fluoranthene	1400		23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q4	SDG No.:	BG052924
Lab Sample ID:	P2568-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061325.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		22	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	27	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	640		28	51.8	210	ug/Kg
218-01-9	Chrysene	700		29	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	740		30	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	850		45	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	280		46	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	610		38	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		34	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	32	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400		39	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.8	210	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	5.604	*	20-120		14	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.696		15-120		34	SPK: -8
4165-62-2	Phenol-d5	15.581		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.483		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.151		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	14.552		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	16.686		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.615		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.318		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.624		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.308		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	17.856		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.109		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	17.044		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q4	SDG No.:	BG052924
Lab Sample ID:	P2568-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061325.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.23		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	18.407		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	18.225		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.316		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	30347	7.886				
1146-65-2	Naphthalene-d8	126375	10.676				
15067-26-2	Acenaphthene-d10	97957	14.513				
1517-22-2	Phenanthrene-d10	216509	17.263				
1719-03-5	Chrysene-d12	225218	21.517				
1520-96-3	Perylene-d12	256414	24.607				
TENTATIVE IDENTIFIED COMPOUNDS							
000814-78-8	3-Buten-2-one, 3-methyl-	170	J			3.038	
000994-05-8	Butane, 2-methoxy-2-methyl-	9900	J			3.079	
	unknown-01	94	J			3.861	
	(DEL) Alkane: Straight-Chain4.307	760	J			4.307	
	(DEL) Alkane: Cyclic4.719	570	J			4.719	
000832-69-9	Phenanthrene, 1-methyl-	140	J			18.138	
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J			18.338	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	130	J			18.644	
000084-65-1	9,10-Anthracenedione	140	J			18.685	
001576-67-6	Phenanthrene, 3,6-dimethyl-	120	J			19.061	
005737-13-3	Cyclopenta(def)phenanthrenone	140	J			19.202	
000243-17-4	11H-Benzo[b]fluorene	94	J			20.007	
002381-21-7	Pyrene, 1-methyl-	87	J			20.336	
000479-79-8	11H-Benzo[a]fluoren-11-one	90	J			20.929	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	91	J			21.105	
003722-52-9	9H-Xanthen-9-one, 3-methoxy-	140	J			21.188	
000082-05-3	7H-Benz[de]anthracen-7-one	100	J			21.258	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q4	SDG No.:	BG052924
Lab Sample ID:	P2568-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061325.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003351-28-8	Chrysene, 1-methyl-	83	J			22.292	
000112-84-5	13-Docosenamide, (Z)-	97	J			22.933	
000205-82-3	Benzo[j]fluoranthene	89	J			23.879	
000192-97-2	Benzo[e]pyrene	360	J			24.319	
	(DEL) Alkane: Straight-Chain	25.700	J			25.7	
000605-40-3	Anthraquinone, 2,6-dichloro-	190	J			27.721	
E966796	Total Alkanes	1400				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q5	SDG No.:	BG052924
Lab Sample ID:	P2568-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
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
BG061326.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.3	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.6	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.3	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.3	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.6	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.6	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.6	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.6	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.6	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.6	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.6	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q5	SDG No.:	BG052924
Lab Sample ID:	P2568-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061326.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.6	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.6	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.6	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.6	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.3	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.3	390	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.3	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.6	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.6	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.6	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.6	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.6	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.3	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.3	390	ug/Kg
85-01-8	Phenanthrene	230		32	49.6	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.6	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.6	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	41	J	32	49.6	200	ug/Kg
206-44-0	Fluoranthene	620		22	96.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q5	SDG No.:	BG052924
Lab Sample ID:	P2568-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061326.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	560		21	49.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	340		27	49.6	200	ug/Kg
218-01-9	Chrysene	390		28	49.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210		29	49.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	530		43	49.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	44	49.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	350		36	49.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		33	49.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	82	J	30	49.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240		37	49.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.775		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	2.823	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	14.354		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.303		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.42		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	12.35		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	15.87		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.586		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.4		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.671		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.531		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	17.748		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.537		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	17.018		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q5	SDG No.:	BG052924
Lab Sample ID:	P2568-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061326.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.804		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	18.699		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	18.659		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.914		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25670	7.881				
1146-65-2	Naphthalene-d8	110601	10.678				
15067-26-2	Acenaphthene-d10	83963	14.515				
1517-22-2	Phenanthrene-d10	187958	17.265				
1719-03-5	Chrysene-d12	192581	21.513				
1520-96-3	Perylene-d12	218214	24.597				
TENTATIVE IDENTIFIED COMPOUNDS							
000814-78-8	3-Buten-2-one, 3-methyl-	85	J			3.04	
000994-05-8	Butane, 2-methoxy-2-methyl-	10000	J			3.081	
	unknown-01	230	J			4.309	
	unknown-02	130	J			4.715	
004701-17-1	5-Bromo-2-thiophenecarboxaldehyde	91	J			18.328	
000781-43-1	9,10-Dimethylanthracene	81	J			19.057	
005737-13-3	Cyclopenta(def)phenanthrenone	79	J			19.203	
	unknown-03	110	J			21.195	
000479-79-8	11H-Benzo[a]fluoren-11-one	83	J			21.254	
000198-55-0	Perylene	220	J			24.309	
	(DEL) Alkane: Straight-Chain	25.696	J			25.696	
E966796	Total Alkanes	90				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q8	SDG No.:	BG052924
Lab Sample ID:	P2568-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061327.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95.6	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	95.6	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.2	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.6	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95.6	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.2	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.2	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49.2	200	ug/Kg
78-59-1	Isophorone	76	U	76	49.2	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.2	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.2	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.2	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.2	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q8	SDG No.:	BG052924
Lab Sample ID:	P2568-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061327.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.2	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.2	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.2	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.2	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95.6	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.6	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.6	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.2	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.2	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.2	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.2	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49.2	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.6	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.6	380	ug/Kg
85-01-8	Phenanthrene	41	J	31	49.2	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.2	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.2	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.2	200	ug/Kg
206-44-0	Fluoranthene	98	J	22	95.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q8	SDG No.:	BG052924
Lab Sample ID:	P2568-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
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
BG061327.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	90	J	21	49.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	49.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.6	380	ug/Kg
56-55-3	Benzo(a)anthracene	52	J	27	49.2	200	ug/Kg
218-01-9	Chrysene	60	J	28	49.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90	J	29	49.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	95.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	77	J	43	49.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	55	J	36	49.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	J	37	49.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.287		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	27.9		20-120		70	SPK: -40
4165-62-2	Phenol-d5	34.427		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.515		10-150		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.09		15-120		95	SPK: -40
190780-66-6	4-Methylphenol-d8	36.129		10-140		90	SPK: -40
4165-60-0	Nitrobenzene-d5	36.967		10-135		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.509		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.292		10-140		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.811		1-145		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.634		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	38.602		15-120		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.281		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	37.887		20-140		95	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5Q8	SDG No.:	BG052924
Lab Sample ID:	P2568-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
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
BG061327.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.063		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	42.158		10-150		105	SPK: -40
1718-52-1	Pyrene-d10	41.794		10-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.255		10-140		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25878	7.879				
1146-65-2	Naphthalene-d8	114518	10.675				
15067-26-2	Acenaphthene-d10	89142	14.518				
1517-22-2	Phenanthrene-d10	196632	17.262				
1719-03-5	Chrysene-d12	201762	21.516				
1520-96-3	Perylene-d12	233079	24.606				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			3.078	
	unknown-01	130	J			3.607	
001119-40-0	Pentanedioic acid, dimethyl ester	94	J			9.594	
000770-35-4	1-Phenoxypropan-2-ol	93	J			11.416	
	(DEL) Alkane: Straight-Chain21.181	130	J			21.181	
000301-02-0	9-Octadecenamide, (Z)-	180	J			22.926	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH632	SDG No.:	BG052924
Lab Sample ID:	P2568-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BG061328.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

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	35	U	35	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	46	U	46	52	210	ug/Kg
91-20-3	Naphthalene	29	U	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	29	U	29	52	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH632	SDG No.:	BG052924
Lab Sample ID:	P2568-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BG061328.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

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	35	U	35	52	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	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	33	U	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	33	U	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	46	U	46	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	410		33	52	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52	210	ug/Kg
120-12-7	Anthracene	69	J	31	52	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52	210	ug/Kg
86-74-8	Carbazole	46	J	42	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52	210	ug/Kg
206-44-0	Fluoranthene	860		23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH632	SDG No.:	BG052924
Lab Sample ID:	P2568-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BG061328.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	750		22	52	210	ug/Kg
85-68-7	Butylbenzylphthalate	99	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	420		28	52	210	ug/Kg
218-01-9	Chrysene	450		29	52	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	700		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	580		45	52	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	46	52	210	ug/Kg
50-32-8	Benzo(a)pyrene	400		38	52	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		34	52	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85	J	32	52	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		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	3.034		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	0.951	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	15.652		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.125		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.862		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	9.374		10-140		23	SPK: -40
4165-60-0	Nitrobenzene-d5	18.911		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.514		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.4		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.679		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.741		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	18.799		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.266		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	18.588		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH632	SDG No.:	BG052924
Lab Sample ID:	P2568-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BG061328.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.633		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	20.155		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	20.24		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.939		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25175	7.881				
1146-65-2	Naphthalene-d8	105747	10.678				
15067-26-2	Acenaphthene-d10	83248	14.515				
1517-22-2	Phenanthrene-d10	187912	17.264				
1719-03-5	Chrysene-d12	191130	21.518				
1520-96-3	Perylene-d12	215741	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000814-78-8	3-Buten-2-one, 3-methyl-	380	J			3.04	
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.081	
	unknown-01	100	J			3.763	
010141-72-7	2H-Pyran, tetrahydro-2-methyl-	310	J			3.863	
	(DEL) Alkane: Straight-Chain4.309	1600	J			4.309	
	unknown-02	1300	J			4.714	
	unknown-03	110	J			5.085	
000832-69-9	Phenanthrene, 1-methyl-	130	J			18.187	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			18.334	
000084-65-1	9,10-Anthracenedione	82	J			18.686	
005737-13-3	Cyclopenta(def)phenanthrenone	82	J			19.203	
	unknown-04	160	J			21.183	
000082-05-3	7H-Benz[de]anthracen-7-one	84	J			21.26	
	(DEL) Alkane: Straight-Chain22.294	93	J			22.294	
000124-26-5	Octadecanamide	140	J			22.928	
1000131-01-1	E-8-Hexadecen-1-ol acetate	150	J			23.287	
000205-82-3	Benzo[j]fluoranthene	290	J			24.321	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH632	SDG No.:	BG052924
Lab Sample ID:	P2568-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BG061328.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007390-81-0	Oxirane, hexadecyl-	180	J			25.12	
004292-19-7	Dodecane, 1-iodo-	200	J			25.696	
E966796	Total Alkanes	1700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SLCS128	SDG No.:	BG052924
Lab Sample ID:	PB161128BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061329.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	31		2.3	5	10	ug/L
110-86-1	Pyridine	25		2.2	10	10	ug/L
108-95-2	Phenol	27		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	26		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	24		1.2	5	10	ug/L
98-86-2	Acetophenone	25		0.89	5	10	ug/L
106-44-5	4-Methylphenol	26		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	23		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	26		0.99	2.5	5	ug/L
78-59-1	Isophorone	23		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	27		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	24		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	25		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		0.93	2.5	5	ug/L
91-20-3	Naphthalene	27		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		0.98	2.5	5	ug/L
105-60-2	Caprolactam	22		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	25		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	11		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	30		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SLCS128	SDG No.:	BG052924
Lab Sample ID:	PB161128BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061329.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	26		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	25		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	26		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	26		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	28		1.5	5	10	ug/L
83-32-9	Acenaphthene	27		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	17		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	25		1.4	5	10	ug/L
132-64-9	Dibenzofuran	27		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	25		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	24		0.87	2.5	5	ug/L
86-73-7	Fluorene	26		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	26		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	28		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	23		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	31		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		0.56	2.5	5	ug/L
1912-24-9	Atrazine	27		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	26		2.5	5	10	ug/L
85-01-8	Phenanthrene	28		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.2	2.5	5	ug/L
120-12-7	Anthracene	27		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	32		0.92	2.5	5	ug/L
86-74-8	Carbazole	28		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	27		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	28		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SLCS128	SDG No.:	BG052924
Lab Sample ID:	PB161128BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061329.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	28		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		0.56	2.5	5	ug/L
218-01-9	Chrysene	28		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	27		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	28		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	25		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	26		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.719		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	24.788		20-120		62	SPK: -40
4165-62-2	Phenol-d5	27.659		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.916		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.518		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.429		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	27.791		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.103		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.787		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.485		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.897		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	28.248		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.15		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	26.954		25-125		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/25/2024 12:00:00 AM
Project:		Date Received:	5/25/2024 12:00:00 AM
Client Sample ID:	SLCS128	SDG No.:	BG052924
Lab Sample ID:	PB161128BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061329.D	1	5/25/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161128

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.059		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	28.528		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	28.333		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.128		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28123	7.881				
1146-65-2	Naphthalene-d8	118614	10.678				
15067-26-2	Acenaphthene-d10	92992	14.52				
1517-22-2	Phenanthrene-d10	213361	17.264				
1719-03-5	Chrysene-d12	213704	21.518				
1520-96-3	Perylene-d12	242147	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK137	SDG No.:	BG052924
Lab Sample ID:	PB161137BL	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
BG061331.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

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

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK137	SDG No.:	BG052924
Lab Sample ID:	PB161137BL	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
BG061331.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

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

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK137	SDG No.:	BG052924
Lab Sample ID:	PB161137BL	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
BG061331.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.719		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	25.236		20-120		63	SPK: -40
4165-62-2	Phenol-d5	27.409		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.9		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.387		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.858		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	29.143		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.584		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.546		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.025		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.026		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	29.252		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.217		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	27.979		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK137	SDG No.:	BG052924
Lab Sample ID:	PB161137BL	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
BG061331.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.888		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	30.48		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	28.864		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.302		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28670	7.882				
1146-65-2	Naphthalene-d8	123410	10.672				
15067-26-2	Acenaphthene-d10	97776	14.515				
1517-22-2	Phenanthrene-d10	221836	17.265				
1719-03-5	Chrysene-d12	231608	21.513				
1520-96-3	Perylene-d12	257102	24.603				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			3.081	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BG052924
Lab Sample ID:	P2606-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061332.D	1	5/28/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161161

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

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BG052924
Lab Sample ID:	P2606-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061332.D	1	5/28/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161161

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



Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BG052924
Lab Sample ID:	P2606-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061332.D	1	5/28/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161161

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

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BG052924
Lab Sample ID:	P2606-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061332.D	1	5/28/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	24380	7.883				
1146-65-2	Naphthalene-d8	105258	10.68				
15067-26-2	Acenaphthene-d10	79823	14.517				
1517-22-2	Phenanthrene-d10	182998	17.266				
1719-03-5	Chrysene-d12	191894	21.514				
1520-96-3	Perylene-d12	217282	24.599				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	270	J			3.083	
E966796	Total Alkanes	78	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG052924
Lab Sample ID:	P2606-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061333.D	1	5/28/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161145

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

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG052924
Lab Sample ID:	P2606-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061333.D	1	5/28/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161145

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

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG052924
Lab Sample ID:	P2606-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061333.D	1	5/28/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161145

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

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG052924
Lab Sample ID:	P2606-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061333.D	1	5/28/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161145

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29009	7.882				
1146-65-2	Naphthalene-d8	125229	10.679				
15067-26-2	Acenaphthene-d10	94920	14.516				
1517-22-2	Phenanthrene-d10	210093	17.265				
1719-03-5	Chrysene-d12	216775	21.513				
1520-96-3	Perylene-d12	249634	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	78	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH662	SDG No.:	BG052924
Lab Sample ID:	P2571-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061334.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

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	98.9	400	ug/Kg
110-86-1	Pyridine	92	U	92	200	400	ug/Kg
108-95-2	Phenol	36	U	36	98.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.9	400	ug/Kg
98-86-2	Acetophenone	79	U	79	98.9	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	98.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	51	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	51	200	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51	200	ug/Kg
78-59-1	Isophorone	79	U	79	51	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51	200	ug/Kg
91-20-3	Naphthalene	29	U	29	51	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51	200	ug/Kg
105-60-2	Caprolactam	77	U	77	98.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH662	SDG No.:	BG052924
Lab Sample ID:	P2571-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061334.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.9	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	98.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.9	400	ug/Kg
132-64-9	Dibenzofuran	32	U	32	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51	200	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51	200	ug/Kg
86-73-7	Fluorene	32	U	32	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51	200	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51	200	ug/Kg
1912-24-9	Atrazine	34	U	34	98.9	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	98.9	400	ug/Kg
85-01-8	Phenanthrene	330		32	51	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51	200	ug/Kg
120-12-7	Anthracene	30	U	30	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	51	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	51	200	ug/Kg
206-44-0	Fluoranthene	690		23	98.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH662	SDG No.:	BG052924
Lab Sample ID:	P2571-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061334.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	600		22	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	71	J	26	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	310		28	51	200	ug/Kg
218-01-9	Chrysene	400		29	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200		30	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	98.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	510		44	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	46	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	340		37	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210		34	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	73	J	31	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230		38	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.219		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	8.583		20-120		21	SPK: -40
4165-62-2	Phenol-d5	23.779		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.121		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.834		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	17.22		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	24.107		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.181		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.199		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.524		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.376		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.509		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.008		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	25.122		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH662	SDG No.:	BG052924
Lab Sample ID:	P2571-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061334.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.637		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	25.152		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	25.903		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.848		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26475	7.884				
1146-65-2	Naphthalene-d8	115345	10.675				
15067-26-2	Acenaphthene-d10	86870	14.518				
1517-22-2	Phenanthrene-d10	194398	17.262				
1719-03-5	Chrysene-d12	200985	21.516				
1520-96-3	Perylene-d12	228034	24.6				
TENTATIVE IDENTIFIED COMPOUNDS							
000814-78-8	3-Buten-2-one, 3-methyl-	310	J			3.037	
000994-05-8	Butane, 2-methoxy-2-methyl-	12000	J			3.084	
000079-39-0	Methacrylamide	200	J			3.866	
	(DEL) Alkane: Straight-Chain4.306	1100	J			4.306	
	(DEL) Alkane: Cyclic4.718	880	J			4.718	
000832-69-9	Phenanthrene, 1-methyl-	160	J			18.19	
000832-64-4	Phenanthrene, 4-methyl-	100	J			18.331	
000483-87-4	Phenanthrene, 1,7-dimethyl-	85	J			19.06	
122914-50-5	5,6,7,8-Tetrahydrothieno[2,3-b]qui	92	J			19.201	
002381-21-7	Pyrene, 1-methyl-	88	J			20.176	
	(DEL) Alkane: Straight-Chain21.181	180	J			21.181	
000479-79-8	11H-Benzo[a]fluoren-11-one	87	J			21.257	
	(DEL) Alkane: Straight-Chain22.291	110	J			22.291	
000301-02-0	9-Octadecenamide, (Z)-	310	J			22.932	
000638-66-4	Octadecanal	280	J			23.284	
	(DEL) Alkane: Straight-Chain23.795	160	J			23.795	
000192-97-2	Benzo[e]pyrene	210	J			24.318	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH662	SDG No.:	BG052924
Lab Sample ID:	P2571-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061334.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	25.699	260	J		25.699	
	(DEL) Alkane: Straight-Chain	28.519	260	J		28.519	
E966796	Total Alkanes	3000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH655	SDG No.:	BG052924
Lab Sample ID:	P2571-01	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
BG061335.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

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	80	U	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	29	U	29	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.3	210	ug/Kg
105-60-2	Caprolactam	77	U	77	99.7	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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH655	SDG No.:	BG052924
Lab Sample ID:	P2571-01	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
BG061335.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

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	35	U	35	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.7	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.7	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	33	U	33	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.3	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.3	210	ug/Kg
86-74-8	Carbazole	41	U	41	99.7	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.3	210	ug/Kg
206-44-0	Fluoranthene	70	J	23	99.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH655	SDG No.:	BG052924
Lab Sample ID:	P2571-01	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
BG061335.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	63	J	22	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.7	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.3	210	ug/Kg
218-01-9	Chrysene	40	J	29	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.7	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	J	45	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.99		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	16.816		20-120		42	SPK: -40
4165-62-2	Phenol-d5	21.469		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.779		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.782		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	19.988		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.022		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.451		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.025		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.105		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.293		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.09		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.117		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	23.358		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH655	SDG No.:	BG052924
Lab Sample ID:	P2571-01	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
BG061335.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.383		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	23.2		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	24.497		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.029		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23495	7.878				
1146-65-2	Naphthalene-d8	105985	10.675				
15067-26-2	Acenaphthene-d10	80316	14.518				
1517-22-2	Phenanthrene-d10	183488	17.262				
1719-03-5	Chrysene-d12	192451	21.515				
1520-96-3	Perylene-d12	216292	24.6				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			3.078	
	unknown-01	160	J			3.613	
000301-02-0	9-Octadecenamide, (Z)-	150	J			22.926	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH656	SDG No.:	BG052924
Lab Sample ID:	P2571-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061336.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.2	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.2	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.6	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.2	390	ug/Kg
98-86-2	Acetophenone	79	U	79	98.2	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.6	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.6	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.6	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.6	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.6	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.6	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.6	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH656	SDG No.:	BG052924
Lab Sample ID:	P2571-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061336.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.6	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.6	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.6	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.6	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.2	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98.2	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.2	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.6	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.6	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.6	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.6	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.6	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.2	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.2	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.6	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.6	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.6	200	ug/Kg
86-74-8	Carbazole	40	U	40	98.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.6	200	ug/Kg
206-44-0	Fluoranthene	62	J	23	98.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH656	SDG No.:	BG052924
Lab Sample ID:	P2571-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061336.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	J	21	50.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.6	200	ug/Kg
218-01-9	Chrysene	41	J	29	50.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		30	50.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	180	J	57	98.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	J	44	50.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.723		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	17.86		20-120		45	SPK: -40
4165-62-2	Phenol-d5	23.133		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.003		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.058		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	22.196		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	23.976		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.789		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.425		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.983		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.3		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	26.355		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.757		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	24.538		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH656	SDG No.:	BG052924
Lab Sample ID:	P2571-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061336.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.555		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	24.46		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	25.862		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.712		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26979	7.882				
1146-65-2	Naphthalene-d8	112808	10.672				
15067-26-2	Acenaphthene-d10	81977	14.515				
1517-22-2	Phenanthrene-d10	187185	17.265				
1719-03-5	Chrysene-d12	193806	21.513				
1520-96-3	Perylene-d12	221814	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			3.081	
	unknown-01	210	J			3.61	
041411-63-6	2,3,4,4,5,6-Hexachloro-1,1-biphe	86	J			20.761	
1000315-52-0	Phthalic acid, 3,4-dichlorophenyl	92	J			21.29	
000084-75-3	1,2-Benzenedicarboxylic acid, dihe	520	J			21.683	
1000315-29-8	Phthalic acid, neopentyl pentyl es	1200	J			21.707	
1000373-50-0	Di(E)-but-2-enyl phthalate	330	J			21.771	
1000322-87-4	Phthalic acid, 2-ethoxyethyl isohe	630	J			21.93	
000131-20-4	Diisooctyl phthalate	310	J			22.012	
001330-96-7	1,2-Benzenedicarboxylic acid, isod	340	J			22.047	
1000356-99-2	Phthalic acid, hept-3-yl octyl est	160	J			22.141	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	56000	J			22.276	
1000356-27-6	Terephthalic acid, 3-methylbut-2-y	2000	J			22.653	
	unknown-02	320	J			22.935	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH657	SDG No.:	BG052924
Lab Sample ID:	P2571-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061337.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	94.4	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.4	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.6	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	94.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.4	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.4	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.6	190	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.6	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.6	190	ug/Kg
78-59-1	Isophorone	76	U	76	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.6	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.6	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH657	SDG No.:	BG052924
Lab Sample ID:	P2571-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061337.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.6	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.4	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.4	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.4	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.6	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.6	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	94.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	94.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.6	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.4	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.4	380	ug/Kg
85-01-8	Phenanthrene	310		31	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.6	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.6	190	ug/Kg
86-74-8	Carbazole	39	U	39	94.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.6	190	ug/Kg
206-44-0	Fluoranthene	710		22	94.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH657	SDG No.:	BG052924
Lab Sample ID:	P2571-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BG061337.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	630		21	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	64	J	25	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	94.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	330		26	48.6	190	ug/Kg
218-01-9	Chrysene	410		27	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200		29	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		42	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190		43	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	370		35	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		32	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	76	J	30	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		37	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.982		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	12.868		20-120		32	SPK: -40
4165-62-2	Phenol-d5	26.232		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.943		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.901		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	23.809		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	26.476		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.606		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.098		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.668		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.518		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	27.943		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.507		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	27.149		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH657	SDG No.:	BG052924
Lab Sample ID:	P2571-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BG061337.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.825		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	27.154		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	28.459		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.795		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23527	7.878				
1146-65-2	Naphthalene-d8	102327	10.674				
15067-26-2	Acenaphthene-d10	75515	14.511				
1517-22-2	Phenanthrene-d10	173149	17.261				
1719-03-5	Chrysene-d12	179455	21.515				
1520-96-3	Perylene-d12	203814	24.599				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	10000	J			3.083	
004254-15-3	(S)-(+)-1,2-Propanediol	130	J			3.612	
001119-40-0	Pentanedioic acid, dimethyl ester	86	J			9.593	
000770-35-4	1-Phenoxypropan-2-ol	94	J			11.415	
002531-84-2	Phenanthrene, 2-methyl-	82	J			18.142	
	unknown-01	250	J			18.166	
000610-48-0	Anthracene, 1-methyl-	110	J			18.33	
005737-13-3	Cyclopenta(def)phenanthrenone	88	J			19.2	
002381-21-7	Pyrene, 1-methyl-	95	J			20.175	
	(DEL) Alkane: Straight-Chain21.180	190	J			21.18	
000479-79-8	11H-Benzo[a]fluoren-11-one	87	J			21.256	
	(DEL) Alkane: Straight-Chain22.290	110	J			22.29	
000301-02-0	9-Octadecenamide, (Z)-	160	J			22.925	
007390-81-0	Oxirane, hexadecyl-	290	J			23.283	
330207-53-9	E-14-Hexadecenal	250	J			23.794	
000192-97-2	Benzo[e]pyrene	200	J			24.311	
	(DEL) Alkane: Straight-Chain25.692	440	J			25.692	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH657	SDG No.:	BG052924
Lab Sample ID:	P2571-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BG061337.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	(DEL) Alkane: Straight-Chain	28.518	240	J		28.518	
	Total Alkanes	980				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH663	SDG No.:	BG052924
Lab Sample ID:	P2571-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061338.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

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

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH663	SDG No.:	BG052924
Lab Sample ID:	P2571-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061338.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.3	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.3	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.3	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.3	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.8	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.8	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.8	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.3	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.3	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.3	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.8	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.8	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.3	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.3	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.8	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	91.8	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.3	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.3	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.3	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.8	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.3	190	ug/Kg
206-44-0	Fluoranthene	56	J	21	91.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH663	SDG No.:	BG052924
Lab Sample ID:	P2571-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061338.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	J	20	47.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	47.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	91.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.3	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.8	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	J	41	47.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	47.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.3	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	18.611		20-120		47	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.775		15-120		60	SPK: -8
4165-62-2	Phenol-d5	27.373		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.172		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.655		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.341		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	28.566		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.763		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.659		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.771		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.046		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	29.573		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.504		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	29.352		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH663	SDG No.:	BG052924
Lab Sample ID:	P2571-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061338.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.57		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	27.839		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	31.716		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.02		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23392	7.882				
1146-65-2	Naphthalene-d8	98514	10.672				
15067-26-2	Acenaphthene-d10	76516	14.515				
1517-22-2	Phenanthrene-d10	181760	17.265				
1719-03-5	Chrysene-d12	183948	21.513				
1520-96-3	Perylene-d12	212559	24.597				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			3.081	
	unknown-01	110	J			3.61	
	(DEL) Alkane: Straight-Chain	21.178	J			21.178	
000301-02-0	9-Octadecenamide, (Z)-	250	J			22.923	
E966796	Total Alkanes	85				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH666	SDG No.:	BG052924
Lab Sample ID:	P2571-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BG061339.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.7	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.7	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.8	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.7	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.7	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	92.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.8	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	47.8	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.8	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.8	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.8	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH666	SDG No.:	BG052924
Lab Sample ID:	P2571-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BG061339.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.8	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.7	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.7	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.7	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.8	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.8	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.8	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.7	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.7	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.8	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.8	190	ug/Kg
206-44-0	Fluoranthene	62	J	21	92.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH666	SDG No.:	BG052924
Lab Sample ID:	P2571-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BG061339.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	59	J	20	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.8	190	ug/Kg
218-01-9	Chrysene	39	J	27	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	J	42	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.242		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	11.021		20-120		28	SPK: -40
4165-62-2	Phenol-d5	24.192		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.152		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.376		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.069		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	22.562		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.07		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.329		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.162		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.777		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	24.095		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.954		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	22.79		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH666	SDG No.:	BG052924
Lab Sample ID:	P2571-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BG061339.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.268		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	23.109		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	25.593		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.765		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23470	7.881				
1146-65-2	Naphthalene-d8	105898	10.672				
15067-26-2	Acenaphthene-d10	81302	14.515				
1517-22-2	Phenanthrene-d10	179481	17.264				
1719-03-5	Chrysene-d12	190418	21.512				
1520-96-3	Perylene-d12	218905	24.597				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			3.081	
1000351-89-1	Octatriacontyl pentafluoropropiona	100	J			21.177	
000301-02-0	9-Octadecenamide, (Z)-	300	J			22.922	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH669	SDG No.:	BG052924
Lab Sample ID:	P2571-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BG061340.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.4	84	ug/Kg
100-52-7	Benzaldehyde	74	U	74	100	420	ug/Kg
110-86-1	Pyridine	98	U	98	210	420	ug/Kg
108-95-2	Phenol	38	U	38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.9	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	100	420	ug/Kg
98-86-2	Acetophenone	84	U	84	100	420	ug/Kg
106-44-5	4-Methylphenol	67	U	67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	53.9	220	ug/Kg
67-72-1	Hexachloroethane	77	U	77	53.9	220	ug/Kg
98-95-3	Nitrobenzene	81	U	81	53.9	220	ug/Kg
78-59-1	Isophorone	84	U	84	53.9	220	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	53.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	53.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	53.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.9	220	ug/Kg
91-20-3	Naphthalene	30	U	30	53.9	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	53.9	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.9	220	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	53.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	53.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	53.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH669	SDG No.:	BG052924
Lab Sample ID:	P2571-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BG061340.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	53.9	220	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	53.9	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.9	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	53.9	220	ug/Kg
99-09-2	3-Nitroaniline	84	U	84	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.9	220	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	53.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.9	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	53.9	220	ug/Kg
86-73-7	Fluorene	34	U	34	53.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.9	220	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.9	220	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.9	220	ug/Kg
1912-24-9	Atrazine	35	U	35	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	34	U	34	53.9	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	53.9	220	ug/Kg
120-12-7	Anthracene	32	U	32	53.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	53.9	220	ug/Kg
86-74-8	Carbazole	43	U	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.9	220	ug/Kg
206-44-0	Fluoranthene	68	J	24	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH669	SDG No.:	BG052924
Lab Sample ID:	P2571-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BG061340.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	63	J	23	53.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	53.9	220	ug/Kg
218-01-9	Chrysene	30	U	30	53.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	53.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	J	47	53.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	53.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	53.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	53.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.471		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	20.113		20-120		50	SPK: -40
4165-62-2	Phenol-d5	24.83		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.579		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.823		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	24.851		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.022		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.827		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.16		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.449		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.075		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	25.78		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.83		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	24.718		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH669	SDG No.:	BG052924
Lab Sample ID:	P2571-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BG061340.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.21		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	25.667		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.352		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.662		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27401	7.879				
1146-65-2	Naphthalene-d8	117360	10.676				
15067-26-2	Acenaphthene-d10	90558	14.512				
1517-22-2	Phenanthrene-d10	196157	17.262				
1719-03-5	Chrysene-d12	209656	21.51				
1520-96-3	Perylene-d12	233363	24.595				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			3.079	
	unknown-01	93	J			3.613	
	(DEL) Alkane: Straight-Chain	21.175	J			21.175	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH661	SDG No.:	BG052924
Lab Sample ID:	P2571-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BG061341.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH661	SDG No.:	BG052924
Lab Sample ID:	P2571-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BG061341.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

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

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH661	SDG No.:	BG052924
Lab Sample ID:	P2571-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BG061341.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.5	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.033		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	18.422		20-120		46	SPK: -40
4165-62-2	Phenol-d5	21.454		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.41		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.834		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	21.086		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.439		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.294		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.007		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.603		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.88		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.989		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.205		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	22.109		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH661	SDG No.:	BG052924
Lab Sample ID:	P2571-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BG061341.D	1	5/26/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.55		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	23.49		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	23.587		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.437		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25282	7.882				
1146-65-2	Naphthalene-d8	108491	10.673				
15067-26-2	Acenaphthene-d10	81942	14.515				
1517-22-2	Phenanthrene-d10	186021	17.265				
1719-03-5	Chrysene-d12	192659	21.513				
1520-96-3	Perylene-d12	218694	24.597				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			3.081	
	unknown-01	84	J			3.61	
1000280-64-8	Dichloroacetic acid, 3-pentadecyl	100	J			21.178	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH665	SDG No.:	BG052924
Lab Sample ID:	P2571-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061342.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

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

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH665	SDG No.:	BG052924
Lab Sample ID:	P2571-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061342.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.5	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	94.1	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.1	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.1	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.5	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.5	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	94.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	94.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.5	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.1	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.1	380	ug/Kg
85-01-8	Phenanthrene	120	J	31	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.5	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.5	190	ug/Kg
86-74-8	Carbazole	39	U	39	94.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.5	190	ug/Kg
206-44-0	Fluoranthene	260		22	94.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH665	SDG No.:	BG052924
Lab Sample ID:	P2571-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061342.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240		21	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	94.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	26	48.5	190	ug/Kg
218-01-9	Chrysene	150	J	27	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	87	J	29	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	190		42	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	J	43	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	35	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81	J	32	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	95	J	36	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.036		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	8.794		20-120		22	SPK: -40
4165-62-2	Phenol-d5	17.479		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.022		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.885		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	16.494		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	20.753		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.868		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.471		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.968		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.9		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	20.335		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.462		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	19.532		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH665	SDG No.:	BG052924
Lab Sample ID:	P2571-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061342.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.545		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	20.426		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	21.445		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.939		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25275	7.883				
1146-65-2	Naphthalene-d8	106932	10.674				
15067-26-2	Acenaphthene-d10	81838	14.516				
1517-22-2	Phenanthrene-d10	180887	17.26				
1719-03-5	Chrysene-d12	195003	21.514				
1520-96-3	Perylene-d12	221975	24.593				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			3.083	
000112-84-5	13-Docosenamide, (Z)-	86	J			22.924	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS137	SDG No.:	BG052924
Lab Sample ID:	PB161137BS	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
BG061343.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	400		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1300		58	82.5	330	ug/Kg
110-86-1	Pyridine	1000		77	170	330	ug/Kg
108-95-2	Phenol	1200		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1100		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		40	82.5	330	ug/Kg
98-86-2	Acetophenone	1000		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1100		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	960		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1100		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		64	42.5	170	ug/Kg
78-59-1	Isophorone	920		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1100		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	880		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	1100		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	900		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		35	42.5	170	ug/Kg
105-60-2	Caprolactam	920		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	410		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	1300		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS137	SDG No.:	BG052924
Lab Sample ID:	PB161137BS	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
BG061343.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

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	1000		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	990		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	680		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	940		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	970		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	950		33	42.5	170	ug/Kg
86-73-7	Fluorene	1000		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	980		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	1200		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	1100		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	920		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	1100		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:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS137	SDG No.:	BG052924
Lab Sample ID:	PB161137BS	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
BG061343.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

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	1200		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	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	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	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	1100		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.088		15-120		89	SPK: -8
7291-22-7	Pyridine-d5	31.312		20-120		78	SPK: -40
4165-62-2	Phenol-d5	35.165		10-130		88	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.612		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.891		15-120		92	SPK: -40
190780-66-6	4-Methylphenol-d8	33.723		10-140		84	SPK: -40
4165-60-0	Nitrobenzene-d5	34.443		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.199		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.84		10-140		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.811		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.585		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	34.518		15-120		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.803		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	32.298		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS137	SDG No.:	BG052924
Lab Sample ID:	PB161137BS	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
BG061343.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.138		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	34.847		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	33.834		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.658		10-140		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26063	7.883				
1146-65-2	Naphthalene-d8	116874	10.674				
15067-26-2	Acenaphthene-d10	89586	14.516				
1517-22-2	Phenanthrene-d10	196476	17.266				
1719-03-5	Chrysene-d12	207175	21.52				
1520-96-3	Perylene-d12	231442	24.599				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BG052924
Lab Sample ID:	PB161157BL	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
BG061345.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

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

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BG052924
Lab Sample ID:	PB161157BL	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
BG061345.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

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:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BG052924
Lab Sample ID:	PB161157BL	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
BG061345.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.975		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	26.819		20-120		67	SPK: -40
4165-62-2	Phenol-d5	28.645		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.022		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.461		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	28.588		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	29.256		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.219		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.604		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.338		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.386		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.805		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.851		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	29.158		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	SBLK157	SDG No.:	BG052924
Lab Sample ID:	PB161157BL	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
BG061345.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.975		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	31.768		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	30.532		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.229		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28988	7.882				
1146-65-2	Naphthalene-d8	126799	10.672				
15067-26-2	Acenaphthene-d10	95303	14.515				
1517-22-2	Phenanthrene-d10	212259	17.265				
1719-03-5	Chrysene-d12	232595	21.513				
1520-96-3	Perylene-d12	258582	24.597				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			3.081	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH616	SDG No.:	BG052924
Lab Sample ID:	P2548-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BG061346.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

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	98.1	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	98.1	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.5	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.1	390	ug/Kg
98-86-2	Acetophenone	78	U	78	98.1	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.5	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.5	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.5	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.5	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.5	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH616	SDG No.:	BG052924
Lab Sample ID:	P2548-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BG061346.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.5	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	98.1	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98.1	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.1	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.5	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.5	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.1	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.1	390	ug/Kg
85-01-8	Phenanthrene	260		32	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.5	200	ug/Kg
120-12-7	Anthracene	47	J	30	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	98.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.5	200	ug/Kg
206-44-0	Fluoranthene	630		23	98.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH616	SDG No.:	BG052924
Lab Sample ID:	P2548-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BG061346.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	590		21	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	360		27	50.5	200	ug/Kg
218-01-9	Chrysene	390		29	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	480		44	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		45	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	390		37	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200		33	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	75	J	31	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		38	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.381		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	12.396		20-120		31	SPK: -40
4165-62-2	Phenol-d5	16.795		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.15		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.495		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	19.403		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	20.243		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.421		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.328		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.42		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.804		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	26.487		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.589		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	25.407		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH616	SDG No.:	BG052924
Lab Sample ID:	P2548-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BG061346.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.939		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	30.916		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	37.749		10-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.221		10-140		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25051	7.879				
1146-65-2	Naphthalene-d8	105686	10.676				
15067-26-2	Acenaphthene-d10	81715	14.513				
1517-22-2	Phenanthrene-d10	187475	17.262				
1719-03-5	Chrysene-d12	192327	21.516				
1520-96-3	Perylene-d12	216904	24.595				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	560	J			3.079	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	94	J			18.185	
018791-75-8	4-Bromothiophene-2-aldehyde	100	J			18.332	
001576-67-6	Phenanthrene, 3,6-dimethyl-	84	J			19.054	
005737-13-3	Cyclopenta(def)phenanthrenone	82	J			19.201	
037436-37-6	1,3-Diamino-5,6-dihydro-7-methylbe	130	J			21.187	
000192-97-2	Benzo[e]pyrene	230	J			24.319	
	(DEL) Alkane: Straight-Chain25.682	100	J			25.682	
055006-58-1	1,4-Bis(phenylethynyl)-2,5-cyclohe	98	J			28.52	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH617	SDG No.:	BG052924
Lab Sample ID:	P2548-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BG061347.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

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:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH617	SDG No.:	BG052924
Lab Sample ID:	P2548-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BG061347.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

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	190	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	440		22	96.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH617	SDG No.:	BG052924
Lab Sample ID:	P2548-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BG061347.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	410		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	220		27	49.5	200	ug/Kg
218-01-9	Chrysene	270		28	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	94	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	340		43	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	240		36	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	33	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	J	30	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	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	5.661		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	27.067		20-120		68	SPK: -40
4165-62-2	Phenol-d5	33.697		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.765		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.463		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	34.74		10-140		87	SPK: -40
4165-60-0	Nitrobenzene-d5	38.018		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.746		10-120		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.301		10-140		96	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.993		1-145		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.155		10-145		95	SPK: -40
93951-97-4	Acenaphthylene-d8	41.021		15-120		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.808		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	38.692		20-140		97	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH617	SDG No.:	BG052924
Lab Sample ID:	P2548-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BG061347.D	1	5/28/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161157

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.075		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	41.764		10-150		104	SPK: -40
1718-52-1	Pyrene-d10	40.557		10-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.431		10-140		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	25082	7.883				
1146-65-2	Naphthalene-d8	104642	10.674				
15067-26-2	Acenaphthene-d10	78649	14.516				
1517-22-2	Phenanthrene-d10	173414	17.26				
1719-03-5	Chrysene-d12	180975	21.514				
1520-96-3	Perylene-d12	205020	24.599				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			3.083	
	(DEL) Alkane: Straight-Chain3.171	79	J			3.171	
	unknown-01	110	J			7.472	
	unknown-02	540	J			13.412	
000832-69-9	Phenanthrene, 1-methyl-	160	J			18.183	
000203-64-5	4H-Cyclopenta[def]phenanthrene	83	J			18.335	
1000309-38-3	Oxalic acid, isobutyl octadecyl es	230	J			21.179	
000301-02-0	9-Octadecenamide, (Z)-	86	J			22.93	
000198-55-0	Perylene	150	J			24.311	
	(DEL) Alkane: Straight-Chain25.686	140	J			25.686	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH658	SDG No.:	BG052924
Lab Sample ID:	P2571-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BG061348.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	74	ug/Kg
100-52-7	Benzaldehyde	64	U	64	91.4	370	ug/Kg
110-86-1	Pyridine	85	U	85	180	370	ug/Kg
108-95-2	Phenol	33	U	33	91.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.4	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.1	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.4	370	ug/Kg
98-86-2	Acetophenone	73	U	73	91.4	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	91.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	47.1	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.1	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.1	190	ug/Kg
78-59-1	Isophorone	73	U	73	47.1	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	47.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	47.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.1	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.1	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.1	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	47.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	47.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH658	SDG No.:	BG052924
Lab Sample ID:	P2571-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BG061348.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.1	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.1	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.1	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.1	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.4	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.4	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.4	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.1	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.1	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.1	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.1	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.1	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.4	370	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	91.4	370	ug/Kg
85-01-8	Phenanthrene	510		30	47.1	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.1	190	ug/Kg
120-12-7	Anthracene	73	J	28	47.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.1	190	ug/Kg
86-74-8	Carbazole	54	J	38	91.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.1	190	ug/Kg
206-44-0	Fluoranthene	980		21	91.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH658	SDG No.:	BG052924
Lab Sample ID:	P2571-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BG061348.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	860		20	47.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	68	J	24	47.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	91.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	450		25	47.1	190	ug/Kg
218-01-9	Chrysene	560		27	47.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200		28	47.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	680		41	47.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		42	47.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	490		34	47.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		31	47.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95	J	29	47.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		35	47.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.524		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	4.912	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	22.677		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.755		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.385		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	21.417		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	24.902		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.998		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.185		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.478		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.028		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	25.851		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.625		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	24.174		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH658	SDG No.:	BG052924
Lab Sample ID:	P2571-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BG061348.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.589		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	25.79		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.163		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.503		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	31035	7.877				
1146-65-2	Naphthalene-d8	133297	10.673				
15067-26-2	Acenaphthene-d10	101672	14.516				
1517-22-2	Phenanthrene-d10	221257	17.266				
1719-03-5	Chrysene-d12	228626	21.514				
1520-96-3	Perylene-d12	260780	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			3.082	
000832-69-9	Phenanthrene, 1-methyl-	86	J			18.141	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.335	
000084-65-1	9,10-Anthracenedione	100	J			18.682	
003674-66-6	Phenanthrene, 2,5-dimethyl-	110	J			19.058	
005737-13-3	Cyclopenta(def)phenanthrenone	110	J			19.199	
033543-31-6	Fluoranthene, 2-methyl-	79	J			20.004	
000479-79-8	11H-Benzo[a]fluoren-11-one	78	J			20.932	
1000310-32-0	Diheptylisobutylamine	120	J			21.185	
1010144-58-0	14-Heptadecenal	280	J			23.282	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH659	SDG No.:	BG052924
Lab Sample ID:	P2571-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061349.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

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

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH659	SDG No.:	BG052924
Lab Sample ID:	P2571-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061349.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.3	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.3	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.3	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47	190	ug/Kg
86-73-7	Fluorene	30	U	30	47	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.3	370	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	91.3	370	ug/Kg
85-01-8	Phenanthrene	260		30	47	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47	190	ug/Kg
120-12-7	Anthracene	28	U	28	47	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47	190	ug/Kg
206-44-0	Fluoranthene	520		21	91.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH659	SDG No.:	BG052924
Lab Sample ID:	P2571-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061349.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	450		20	47	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	47	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	91.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	230		25	47	190	ug/Kg
218-01-9	Chrysene	290		27	47	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	92	J	28	47	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		41	47	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	42	47	190	ug/Kg
50-32-8	Benzo(a)pyrene	260		34	47	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	31	47	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	J	29	47	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	35	47	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.915		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	15.462		20-120		39	SPK: -40
4165-62-2	Phenol-d5	20.985		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.255		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.65		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	19.707		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	23.272		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.824		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.993		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.723		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.569		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	24.189		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.562		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	22.967		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH659	SDG No.:	BG052924
Lab Sample ID:	P2571-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061349.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.907		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	24.315		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	23.622		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.721		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26476	7.882				
1146-65-2	Naphthalene-d8	111358	10.672				
15067-26-2	Acenaphthene-d10	82055	14.515				
1517-22-2	Phenanthrene-d10	180288	17.265				
1719-03-5	Chrysene-d12	195931	21.513				
1520-96-3	Perylene-d12	221534	24.603				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			3.081	
	unknown-01	110	J			3.61	
004701-17-1	5-Bromo-2-thiophenecarboxaldehyde	93	J			18.328	
	unknown-02	98	J			21.184	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH660	SDG No.:	BG052924
Lab Sample ID:	P2571-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061350.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	74	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.1	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	33	U	33	92.1	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	92.1	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.4	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.1	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.1	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.1	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.1	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.4	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.4	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.4	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.4	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.4	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.4	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.4	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.4	190	ug/Kg
105-60-2	Caprolactam	71	U	71	92.1	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.1	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH660	SDG No.:	BG052924
Lab Sample ID:	P2571-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061350.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.4	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.4	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.1	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.1	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.1	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.4	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.4	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.4	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.1	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	92.1	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.4	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.4	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.1	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	92.1	370	ug/Kg
85-01-8	Phenanthrene	120	J	30	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.4	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.1	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.4	190	ug/Kg
206-44-0	Fluoranthene	240		21	92.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH660	SDG No.:	BG052924
Lab Sample ID:	P2571-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061350.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210		20	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.1	370	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	26	47.4	190	ug/Kg
218-01-9	Chrysene	140	J	27	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	41	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	J	42	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	35	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	69	J	31	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	J	36	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.642		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	10.188		20-120		25	SPK: -40
4165-62-2	Phenol-d5	21.535		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.312		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.141		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	20.897		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	22.957		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.721		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.664		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.314		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.787		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	24.1		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.199		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	23.194		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH660	SDG No.:	BG052924
Lab Sample ID:	P2571-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061350.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.622		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	24.567		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	24.866		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.765		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28522	7.881				
1146-65-2	Naphthalene-d8	119947	10.678				
15067-26-2	Acenaphthene-d10	90853	14.515				
1517-22-2	Phenanthrene-d10	197346	17.265				
1719-03-5	Chrysene-d12	210753	21.518				
1520-96-3	Perylene-d12	232958	24.603				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			3.081	
1000406-33-2	Isobutyl tetracosyl ether	100	J			21.183	
000629-01-6	Octanamide	150	J			22.929	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6C2	SDG No.:	BG052924
Lab Sample ID:	P2571-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061351.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

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	410	ug/Kg
110-86-1	Pyridine	97	U	97	210	410	ug/Kg
108-95-2	Phenol	38	U	38	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.3	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	83	U	83	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	99	U	99	53.3	210	ug/Kg
67-72-1	Hexachloroethane	77	U	77	53.3	210	ug/Kg
98-95-3	Nitrobenzene	80	U	80	53.3	210	ug/Kg
78-59-1	Isophorone	83	U	83	53.3	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	53.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	53.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.3	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.3	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.3	210	ug/Kg
105-60-2	Caprolactam	80	U	80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	53.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	53.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6C2	SDG No.:	BG052924
Lab Sample ID:	P2571-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061351.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	53.3	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	53.3	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.3	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	53.3	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	410	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.3	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	53.3	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.3	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.3	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.3	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	34	U	34	53.3	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	53.3	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.3	210	ug/Kg
86-74-8	Carbazole	43	U	43	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.3	210	ug/Kg
206-44-0	Fluoranthene	110	J	24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6C2	SDG No.:	BG052924
Lab Sample ID:	P2571-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061351.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	J	23	53.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	68	J	29	53.3	210	ug/Kg
218-01-9	Chrysene	74	J	30	53.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	J	31	53.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	85	J	46	53.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	60	J	39	53.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.97		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	23.551		20-120		59	SPK: -40
4165-62-2	Phenol-d5	29.055		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.373		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.346		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.041		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	30.773		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.33		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.821		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.584		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.926		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	33.476		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.227		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	32.214		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6C2	SDG No.:	BG052924
Lab Sample ID:	P2571-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061351.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.791		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	33.301		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	33.118		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.617		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27466	7.882				
1146-65-2	Naphthalene-d8	116977	10.673				
15067-26-2	Acenaphthene-d10	86770	14.515				
1517-22-2	Phenanthrene-d10	196416	17.265				
1719-03-5	Chrysene-d12	208524	21.513				
1520-96-3	Perylene-d12	233088	24.597				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			3.082	
004254-15-3	(S)-(+)-1,2-Propanediol	91	J			3.61	
001119-40-0	Pentanedioic acid, dimethyl ester	87	J			9.592	
000770-35-4	1-Phenoxypropan-2-ol	92	J			11.419	
000057-10-3	n-Hexadecanoic acid	88	J			18.164	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH664	SDG No.:	BG052924
Lab Sample ID:	P2571-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
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
BG061352.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	94.5	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.5	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.5	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.7	190	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.5	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.5	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.5	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.5	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	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	27	U	27	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	94.5	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	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	94.5	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH664	SDG No.:	BG052924
Lab Sample ID:	P2571-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
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
BG061352.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.7	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.5	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.5	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.5	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	27	U	27	94.5	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.5	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	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	94.5	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.5	380	ug/Kg
85-01-8	Phenanthrene	590		31	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.7	190	ug/Kg
120-12-7	Anthracene	63	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	61	J	39	94.5	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.7	190	ug/Kg
206-44-0	Fluoranthene	990		22	94.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH664	SDG No.:	BG052924
Lab Sample ID:	P2571-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
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
BG061352.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	840		21	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	60	J	25	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	410		26	48.7	190	ug/Kg
218-01-9	Chrysene	560		27	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	29	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.5	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	730		42	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	260		44	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	470		36	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290		32	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91	J	30	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		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	5.276		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	13.018		20-120		33	SPK: -40
4165-62-2	Phenol-d5	28.275		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.454		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.029		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	17.83		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	30.213		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.253		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.53		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.359		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.337		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	33.759		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.842		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	33.102		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH664	SDG No.:	BG052924
Lab Sample ID:	P2571-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
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
BG061352.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.853		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	34.329		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	35.955		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.22		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21988	7.88				
1146-65-2	Naphthalene-d8	95544	10.676				
15067-26-2	Acenaphthene-d10	70176	14.513				
1517-22-2	Phenanthrene-d10	157529	17.263				
1719-03-5	Chrysene-d12	166314	21.517				
1520-96-3	Perylene-d12	181241	24.601				
TENTATIVE IDENTIFIED COMPOUNDS							
000814-78-8	3-Buten-2-one, 3-methyl-	490	J			3.038	
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.079	
000079-39-0	Methacrylamide	340	J			3.861	
062238-37-3	3-Penten-1-ol, 2-methyl-	540	J			4.307	
	(DEL) Alkane: Cyclic4.713	310	J			4.713	
1010306-71-7	(3,3-Dimethyloxiranyl)methanol	120	J			5.083	
000770-35-4	1-Phenoxypropan-2-ol	79	J			11.417	
000832-69-9	Phenanthrene, 1-methyl-	94	J			18.144	
000057-10-3	n-Hexadecanoic acid	120	J			18.168	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.332	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	87	J			18.637	
000084-65-1	9,10-Anthracenedione	130	J			18.685	
002789-88-0	di-p-Tolylacetylene	110	J			19.061	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.202	
000243-17-4	11H-Benzo[b]fluorene	99	J			20.177	
002381-21-7	Pyrene, 1-methyl-	83	J			20.336	
000479-79-8	11H-Benzo[a]fluoren-11-one	98	J			20.929	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH664	SDG No.:	BG052924
Lab Sample ID:	P2571-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
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
BG061352.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	21.182					
000082-05-3	7H-Benz[de]anthracen-7-one	240	J			21.182	
000789-24-2	9H-Fluorene, 9-phenyl-	98	J			21.258	
000301-02-0	9-Octadecenamide, (Z)-	110	J			22.292	
000192-97-2	Benzo[e]pyrene	170	J			22.927	
	(DEL) Alkane: Straight-Chain	270	J			24.313	
		160	J			25.694	
E966796	Total Alkanes	710				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH667	SDG No.:	BG052924
Lab Sample ID:	P2571-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061353.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

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

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH667	SDG No.:	BG052924
Lab Sample ID:	P2571-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061353.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	53.6	210	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	53.6	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.6	210	ug/Kg
208-96-8	Acenaphthylene	37	U	37	53.6	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.6	210	ug/Kg
84-66-2	Diethylphthalate	42	U	42	53.6	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.6	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.6	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.6	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	500		34	53.6	210	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	53.6	210	ug/Kg
120-12-7	Anthracene	58	J	32	53.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.6	210	ug/Kg
86-74-8	Carbazole	58	J	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	95	J	34	53.6	210	ug/Kg
206-44-0	Fluoranthene	1200		24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH667	SDG No.:	BG052924
Lab Sample ID:	P2571-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061353.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		23	53.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	210		28	53.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	560		29	53.6	210	ug/Kg
218-01-9	Chrysene	730		30	53.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	890		32	53.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	950		47	53.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		48	53.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	630		39	53.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		35	53.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	33	53.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410		40	53.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.096		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	4.764	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	20.707		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.679		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.594		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	8.688		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	24.699		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.607		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.765		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.534		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.615		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.852		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.637		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	24.074		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH667	SDG No.:	BG052924
Lab Sample ID:	P2571-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061353.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.043		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	24.67		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	25.787		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.733		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26368	7.876				
1146-65-2	Naphthalene-d8	110792	10.673				
15067-26-2	Acenaphthene-d10	85196	14.516				
1517-22-2	Phenanthrene-d10	187759	17.265				
1719-03-5	Chrysene-d12	194078	21.513				
1520-96-3	Perylene-d12	217498	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
000814-78-8	3-Buten-2-one, 3-methyl-	540	J			3.041	
000994-05-8	Butane, 2-methoxy-2-methyl-	9700	J			3.082	
000079-39-0	Methacrylamide	460	J			3.858	
	(DEL) Alkane: Straight-Chain4.304	350	J			4.304	
	unknown-01	190	J			4.715	
1010306-71-7	(3,3-Dimethyloxiranyl)methanol	140	J			5.086	
002531-84-2	Phenanthrene, 2-methyl-	120	J			18.141	
000057-10-3	n-Hexadecanoic acid	150	J			18.17	
000610-48-0	Anthracene, 1-methyl-	200	J			18.329	
014251-57-1	Benzene, 1,1-(1,2-propadienyliden	89	J			18.37	
010387-13-0	9,10-di(Chloromethyl)anthracene	95	J			18.64	
000084-65-1	9,10-Anthracenedione	120	J			18.681	
002789-88-0	di-p-Tolylacetylene	120	J			19.058	
005737-13-3	Cyclopenta(def)phenanthrenone	150	J			19.204	
002381-21-7	Pyrene, 1-methyl-	99	J			20.003	
000243-17-4	11H-Benzo[b]fluorene	120	J			20.174	
	unknown-02	220	J			21.184	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH667	SDG No.:	BG052924
Lab Sample ID:	P2571-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061353.D	1	5/26/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000082-05-3	7H-Benz[de]anthracen-7-one	100	J			21.255	
001705-85-7	Chrysene, 6-methyl-	110	J			22.289	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	110	J			22.647	
000124-26-5	Octadecanamide	160	J			22.929	
	unknown-03	130	J			23.282	
	unknown-04	400	J			24.322	
	(DEL) Alkane: Straight-Chain25.685	290	J			25.685	
E966796	Total Alkanes	640				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH616								
P2548-21	BH616	Solid	(DEL) Alkane: Straight-Chain25.6 *	100.000	J			
P2548-21	BH616	Solid	1,3-Diamino-5,6-dihydro-7-methy *	130.000	J			
P2548-21	BH616	Solid	1,4-Bis(phenylethynyl)-2,5-cyclo *	98.000	J			
P2548-21	BH616	Solid	1H-Cyclopropa[1]phenanthrene,1a *	94.000	J			
P2548-21	BH616	Solid	4-Bromothiophene-2-aldehyde *	100.000	J			
P2548-21	BH616	Solid	Benzo[e]pyrene *	230.000	J			
P2548-21	BH616	Solid	Butane, 2-methoxy-2-methyl- *	560.000	J			
P2548-21	BH616	Solid	Cyclopenta(def)phenanthrenone *	82.000	J			
P2548-21	BH616	Solid	Phenanthrene, 3,6-dimethyl- *	84.000	J			
P2548-21	BH616	Solid	Total Alkanes *	100.000		31	200	ug/Kg
Total Tics :				1,578.00				
P2548-21	BH616	Solid	Anthracene	47.000	J	30	200	ug/Kg
P2548-21	BH616	Solid	Benzo(a)anthracene	360.000		27	200	ug/Kg
P2548-21	BH616	Solid	Benzo(a)pyrene	390.000		37	200	ug/Kg
P2548-21	BH616	Solid	Benzo(b)fluoranthene	480.000		44	200	ug/Kg
P2548-21	BH616	Solid	Benzo(g,h,i)perylene	250.000		38	200	ug/Kg
P2548-21	BH616	Solid	Benzo(k)fluoranthene	200.000		45	200	ug/Kg
P2548-21	BH616	Solid	Chrysene	390.000		29	200	ug/Kg
P2548-21	BH616	Solid	Dibenzo(a,h)anthracene	75.000	J	31	200	ug/Kg
P2548-21	BH616	Solid	Fluoranthene	630.000		23	200	ug/Kg
P2548-21	BH616	Solid	Indeno(1,2,3-cd)pyrene	200.000		33	200	ug/Kg
P2548-21	BH616	Solid	Phenanthrene	260.000		32	200	ug/Kg
P2548-21	BH616	Solid	Pyrene	590.000		21	200	ug/Kg
Total Svoc :				3,872.00				
Total Concentration:				5,450.00				
Client ID : BH617								
P2548-22	BH617	Solid	(DEL) Alkane: Straight-Chain25.6 *	140.000	J			
P2548-22	BH617	Solid	(DEL) Alkane: Straight-Chain3.17 *	79.000	J			
P2548-22	BH617	Solid	4H-Cyclopenta[def]phenanthrene *	83.000	J			
P2548-22	BH617	Solid	9-Octadecenamide, (Z)- *	86.000	J			
P2548-22	BH617	Solid	Butane, 2-methoxy-2-methyl- *	2,200.000	J			
P2548-22	BH617	Solid	Oxalic acid, isobutyl octadecyl es *	230.000	J			
P2548-22	BH617	Solid	Perylene *	150.000	J			
P2548-22	BH617	Solid	Phenanthrene, 1-methyl- *	160.000	J			
P2548-22	BH617	Solid	unknown-01 *	110.000	J			
P2548-22	BH617	Solid	unknown-02 *	540.000	J			
P2548-22	BH617	Solid	Total Alkanes *	220.000		30	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	3,998.00				
P2548-22	BH617	Solid	Benzo(a)anthracene	220.000		27	200	ug/Kg
P2548-22	BH617	Solid	Benzo(a)pyrene	240.000		36	200	ug/Kg
P2548-22	BH617	Solid	Benzo(b)fluoranthene	340.000		43	200	ug/Kg
P2548-22	BH617	Solid	Benzo(g,h,i)perylene	170.000	J	37	200	ug/Kg
P2548-22	BH617	Solid	Benzo(k)fluoranthene	120.000	J	44	200	ug/Kg
P2548-22	BH617	Solid	Bis(2-ethylhexyl)phthalate	94.000	J	29	200	ug/Kg
P2548-22	BH617	Solid	Chrysene	270.000		28	200	ug/Kg
P2548-22	BH617	Solid	Dibenzo(a,h)anthracene	49.000	J	30	200	ug/Kg
P2548-22	BH617	Solid	Fluoranthene	440.000		22	200	ug/Kg
P2548-22	BH617	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	33	200	ug/Kg
P2548-22	BH617	Solid	Phenanthrene	190.000	J	31	200	ug/Kg
P2548-22	BH617	Solid	Pyrene	410.000		21	200	ug/Kg
			Total Svoc :	2,693.00				
			Total Concentration:	6,691.00				

Client ID : BH5N8

P2549-16	BH5N8	Water	Butane, 2-methoxy-2-methyl-	*	170.000	J		
P2549-16	BH5N8	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :	170.00				
			Total Concentration:	170.00				

Client ID : BH5Q4

P2568-01	BH5Q4	Solid	(DEL) Alkane: Cyclic4.719	*	570.000	J		
P2568-01	BH5Q4	Solid	(DEL) Alkane: Straight-Chain25.7	*	110.000	J		
P2568-01	BH5Q4	Solid	(DEL) Alkane: Straight-Chain4.3	*	760.000	J		
P2568-01	BH5Q4	Solid	11H-Benzo[a]fluoren-11-one	*	90.000	J		
P2568-01	BH5Q4	Solid	11H-Benzo[b]fluorene	*	94.000	J		
P2568-01	BH5Q4	Solid	13-Docosenamide, (Z)-	*	97.000	J		
P2568-01	BH5Q4	Solid	3-Buten-2-one, 3-methyl-	*	170.000	J		
P2568-01	BH5Q4	Solid	4H-Cyclopenta[def]phenanthrene	*	230.000	J		
P2568-01	BH5Q4	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	130.000	J		
P2568-01	BH5Q4	Solid	7H-Benz[de]anthracen-7-one	*	100.000	J		
P2568-01	BH5Q4	Solid	9,10-Anthracenedione	*	140.000	J		
P2568-01	BH5Q4	Solid	9H-Xanthen-9-one, 3-methoxy-	*	140.000	J		
P2568-01	BH5Q4	Solid	Anthraquinone, 2,6-dichloro-	*	190.000	J		
P2568-01	BH5Q4	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	91.000	J		
P2568-01	BH5Q4	Solid	Benzo[e]pyrene	*	360.000	J		
P2568-01	BH5Q4	Solid	Benzo[j]fluoranthene	*	89.000	J		
P2568-01	BH5Q4	Solid	Butane, 2-methoxy-2-methyl-	*	9,900.000	J		
P2568-01	BH5Q4	Solid	Chrysene, 1-methyl-	*	83.000	J		

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2568-01	BH5Q4	Solid	Cyclopenta(def)phenanthrenone	*	140.000	J		
P2568-01	BH5Q4	Solid	Phenanthrene, 1-methyl-	*	140.000	J		
P2568-01	BH5Q4	Solid	Phenanthrene, 3,6-dimethyl-	*	120.000	J		
P2568-01	BH5Q4	Solid	Pyrene, 1-methyl-	*	87.000	J		
P2568-01	BH5Q4	Solid	unknown-01	*	94.000	J		
P2568-01	BH5Q4	Solid	Total Alkanes	*	1,400.000		32	210 ug/Kg
Total Tics :				15,325.00				
P2568-01	BH5Q4	Solid	Acenaphthene		72.000	J	32	210 ug/Kg
P2568-01	BH5Q4	Solid	Anthracene		160.000	J	30	210 ug/Kg
P2568-01	BH5Q4	Solid	Benzo(a)anthracene		640.000		28	210 ug/Kg
P2568-01	BH5Q4	Solid	Benzo(a)pyrene		610.000		38	210 ug/Kg
P2568-01	BH5Q4	Solid	Benzo(b)fluoranthene		850.000		45	210 ug/Kg
P2568-01	BH5Q4	Solid	Benzo(g,h,i)perylene		400.000		39	210 ug/Kg
P2568-01	BH5Q4	Solid	Benzo(k)fluoranthene		280.000		46	210 ug/Kg
P2568-01	BH5Q4	Solid	Bis(2-ethylhexyl)phthalate		740.000		30	210 ug/Kg
P2568-01	BH5Q4	Solid	Butylbenzylphthalate		110.000	J	27	210 ug/Kg
P2568-01	BH5Q4	Solid	Carbazole		99.000	J	41	400 ug/Kg
P2568-01	BH5Q4	Solid	Chrysene		700.000		29	210 ug/Kg
P2568-01	BH5Q4	Solid	Di-n-butylphthalate		80.000	J	33	210 ug/Kg
P2568-01	BH5Q4	Solid	Dibenzo(a,h)anthracene		100.000	J	32	210 ug/Kg
P2568-01	BH5Q4	Solid	Dibenzofuran		47.000	J	33	210 ug/Kg
P2568-01	BH5Q4	Solid	Fluoranthene		1,400.000		23	210 ug/Kg
P2568-01	BH5Q4	Solid	Fluorene		57.000	J	33	210 ug/Kg
P2568-01	BH5Q4	Solid	Indeno(1,2,3-cd)pyrene		350.000		34	210 ug/Kg
P2568-01	BH5Q4	Solid	Phenanthrene		1,000.000		33	210 ug/Kg
P2568-01	BH5Q4	Solid	Pyrene		1,200.000		22	210 ug/Kg
Total Svoc :				8,895.00				
Total Concentration:				24,220.00				
Client ID : BH5Q5								
P2568-02	BH5Q5	Solid	(DEL) Alkane: Straight-Chain25.6	*	90.000	J		
P2568-02	BH5Q5	Solid	11H-Benzo[a]fluoren-11-one	*	83.000	J		
P2568-02	BH5Q5	Solid	3-Buten-2-one, 3-methyl-	*	85.000	J		
P2568-02	BH5Q5	Solid	5-Bromo-2-thiophenecarboxaldeh	*	91.000	J		
P2568-02	BH5Q5	Solid	9,10-Dimethylantracene	*	81.000	J		
P2568-02	BH5Q5	Solid	Butane, 2-methoxy-2-methyl-	*	10,000.000	J		
P2568-02	BH5Q5	Solid	Cyclopenta(def)phenanthrenone	*	79.000	J		
P2568-02	BH5Q5	Solid	Perylene	*	220.000	J		
P2568-02	BH5Q5	Solid	unknown-01	*	230.000	J		
P2568-02	BH5Q5	Solid	unknown-02	*	130.000	J		
P2568-02	BH5Q5	Solid	unknown-03	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2568-02	BH5Q5	Solid	Total Alkanes	*	90.000	30	200	ug/Kg
Total Tics :				11,289.00				
P2568-02	BH5Q5	Solid	Benzo(a)anthracene		340.000	27	200	ug/Kg
P2568-02	BH5Q5	Solid	Benzo(a)pyrene		350.000	36	200	ug/Kg
P2568-02	BH5Q5	Solid	Benzo(b)fluoranthene		530.000	43	200	ug/Kg
P2568-02	BH5Q5	Solid	Benzo(g,h,i)perylene		240.000	37	200	ug/Kg
P2568-02	BH5Q5	Solid	Benzo(k)fluoranthene		160.000	J 44	200	ug/Kg
P2568-02	BH5Q5	Solid	Bis(2-ethylhexyl)phthalate		210.000	29	200	ug/Kg
P2568-02	BH5Q5	Solid	Chrysene		390.000	28	200	ug/Kg
P2568-02	BH5Q5	Solid	Di-n-butylphthalate		41.000	J 32	200	ug/Kg
P2568-02	BH5Q5	Solid	Dibenzo(a,h)anthracene		82.000	J 30	200	ug/Kg
P2568-02	BH5Q5	Solid	Fluoranthene		620.000	22	200	ug/Kg
P2568-02	BH5Q5	Solid	Indeno(1,2,3-cd)pyrene		220.000	33	200	ug/Kg
P2568-02	BH5Q5	Solid	Phenanthrene		230.000	32	200	ug/Kg
P2568-02	BH5Q5	Solid	Pyrene		560.000	21	200	ug/Kg
Total Svoc :				3,973.00				
Total Concentration:				15,262.00				
Client ID : BH5Q8								
P2568-07	BH5Q8	Solid	(DEL) Alkane: Straight-Chain21.1	*	130.000	J		
P2568-07	BH5Q8	Solid	1-Phenoxypropan-2-ol	*	93.000	J		
P2568-07	BH5Q8	Solid	9-Octadecenamide, (Z)-	*	180.000	J		
P2568-07	BH5Q8	Solid	Butane, 2-methoxy-2-methyl-	*	2,000.000	J		
P2568-07	BH5Q8	Solid	Pentanedioic acid, dimethyl ester	*	94.000	J		
P2568-07	BH5Q8	Solid	unknown-01	*	130.000	J		
P2568-07	BH5Q8	Solid	Total Alkanes	*	130.000	30	200	ug/Kg
Total Tics :				2,757.00				
P2568-07	BH5Q8	Solid	Benzo(a)anthracene		52.000	J 27	200	ug/Kg
P2568-07	BH5Q8	Solid	Benzo(a)pyrene		55.000	J 36	200	ug/Kg
P2568-07	BH5Q8	Solid	Benzo(b)fluoranthene		77.000	J 43	200	ug/Kg
P2568-07	BH5Q8	Solid	Benzo(g,h,i)perylene		41.000	J 37	200	ug/Kg
P2568-07	BH5Q8	Solid	Bis(2-ethylhexyl)phthalate		90.000	J 29	200	ug/Kg
P2568-07	BH5Q8	Solid	Chrysene		60.000	J 28	200	ug/Kg
P2568-07	BH5Q8	Solid	Fluoranthene		98.000	J 22	200	ug/Kg
P2568-07	BH5Q8	Solid	Phenanthrene		41.000	J 31	200	ug/Kg
P2568-07	BH5Q8	Solid	Pyrene		90.000	J 21	200	ug/Kg
Total Svoc :				604.00				
Total Concentration:				3,361.00				
Client ID : BH632								
P2568-12	BH632	Solid	(DEL) Alkane: Straight-Chain22.2	*	93.000	J		
P2568-12	BH632	Solid	(DEL) Alkane: Straight-Chain4.3(	*	1,600.000	J		

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2568-12	BH632	Solid	2H-Pyran, tetrahydro-2-methyl-	*	310.000	J		
P2568-12	BH632	Solid	3-Buten-2-one, 3-methyl-	*	380.000	J		
P2568-12	BH632	Solid	4H-Cyclopenta[def]phenanthrene	*	110.000	J		
P2568-12	BH632	Solid	7H-Benz[de]anthracen-7-one	*	84.000	J		
P2568-12	BH632	Solid	9,10-Anthracenedione	*	82.000	J		
P2568-12	BH632	Solid	Benzo[j]fluoranthene	*	290.000	J		
P2568-12	BH632	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J		
P2568-12	BH632	Solid	Cyclopenta(def)phenanthrenone	*	82.000	J		
P2568-12	BH632	Solid	Dodecane, 1-iodo-	*	200.000	J		
P2568-12	BH632	Solid	E-8-Hexadecen-1-ol acetate	*	150.000	J		
P2568-12	BH632	Solid	Octadecanamide	*	140.000	J		
P2568-12	BH632	Solid	Oxirane, hexadecyl-	*	180.000	J		
P2568-12	BH632	Solid	Phenanthrene, 1-methyl-	*	130.000	J		
P2568-12	BH632	Solid	unknown-01	*	100.000	J		
P2568-12	BH632	Solid	unknown-02	*	1,300.000	J		
P2568-12	BH632	Solid	unknown-03	*	110.000	J		
P2568-12	BH632	Solid	unknown-04	*	160.000	J		
P2568-12	BH632	Solid	Total Alkanes	*	1,700.000	32	210	ug/Kg
Total Tics :					18,201.00			
P2568-12	BH632	Solid	Anthracene		69.000	J 31	210	ug/Kg
P2568-12	BH632	Solid	Benzo(a)anthracene		420.000	28	210	ug/Kg
P2568-12	BH632	Solid	Benzo(a)pyrene		400.000	38	210	ug/Kg
P2568-12	BH632	Solid	Benzo(b)fluoranthene		580.000	45	210	ug/Kg
P2568-12	BH632	Solid	Benzo(g,h,i)perylene		270.000	39	210	ug/Kg
P2568-12	BH632	Solid	Benzo(k)fluoranthene		180.000	J 46	210	ug/Kg
P2568-12	BH632	Solid	Bis(2-ethylhexyl)phthalate		700.000	31	210	ug/Kg
P2568-12	BH632	Solid	Butylbenzylphthalate		99.000	J 27	210	ug/Kg
P2568-12	BH632	Solid	Carbazole		46.000	J 42	400	ug/Kg
P2568-12	BH632	Solid	Chrysene		450.000	29	210	ug/Kg
P2568-12	BH632	Solid	Dibenzo(a,h)anthracene		85.000	J 32	210	ug/Kg
P2568-12	BH632	Solid	Fluoranthene		860.000	23	210	ug/Kg
P2568-12	BH632	Solid	Indeno(1,2,3-cd)pyrene		230.000	34	210	ug/Kg
P2568-12	BH632	Solid	Phenanthrene		410.000	33	210	ug/Kg
P2568-12	BH632	Solid	Pyrene		750.000	22	210	ug/Kg
Total Svoc :					5,549.00			
Total Concentration:					23,750.00			
Client ID : BH655								
P2571-01	BH655	Solid	9-Octadecenamide, (Z)-	*	150.000	J		
P2571-01	BH655	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P2571-01	BH655	Solid	unknown-01	*	160.000	J		

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2571-01	BH655	Solid	Total Alkanes	*	0.000	31	210	ug/Kg
Total Tics :				2,410.00				
P2571-01	BH655	Solid	Benzo(b)fluoranthene		49.000	J 45	210	ug/Kg
P2571-01	BH655	Solid	Chrysene		40.000	J 29	210	ug/Kg
P2571-01	BH655	Solid	Fluoranthene		70.000	J 23	210	ug/Kg
P2571-01	BH655	Solid	Pyrene		63.000	J 22	210	ug/Kg
Total Svoc :				222.00				
Total Concentration:				2,632.00				
Client ID : BH656								
P2571-02	BH656	Solid	1,2-Benzenedicarboxylic acid, dihydro	*	520.000	J		
P2571-02	BH656	Solid	1,2-Benzenedicarboxylic acid, isomer	*	340.000	J		
P2571-02	BH656	Solid	1,3-Benzenedicarboxylic acid, bis	*	56,000.000	J		
P2571-02	BH656	Solid	2,3,4,4,5,6-Hexachloro-1,1-biphenyl	*	86.000	J		
P2571-02	BH656	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P2571-02	BH656	Solid	Di(2-ethylhexyl) phthalate	*	330.000	J		
P2571-02	BH656	Solid	Diisooctyl phthalate	*	310.000	J		
P2571-02	BH656	Solid	Phthalic acid, 2-ethoxyethyl isomer	*	630.000	J		
P2571-02	BH656	Solid	Phthalic acid, 3,4-dichlorophenyl	*	92.000	J		
P2571-02	BH656	Solid	Phthalic acid, hept-3-yl octyl ester	*	160.000	J		
P2571-02	BH656	Solid	Phthalic acid, neopentyl pentyl ester	*	1,200.000	J		
P2571-02	BH656	Solid	Terephthalic acid, 3-methylbut-2-yl	*	2,000.000	J		
P2571-02	BH656	Solid	unknown-01	*	210.000	J		
P2571-02	BH656	Solid	unknown-02	*	320.000	J		
P2571-02	BH656	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :				63,998.00				
P2571-02	BH656	Solid	Benzo(b)fluoranthene		48.000	J 44	200	ug/Kg
P2571-02	BH656	Solid	Bis(2-ethylhexyl)phthalate		2,200.000	30	200	ug/Kg
P2571-02	BH656	Solid	Chrysene		41.000	J 29	200	ug/Kg
P2571-02	BH656	Solid	Di-n-octyl phthalate		180.000	J 57	390	ug/Kg
P2571-02	BH656	Solid	Fluoranthene		62.000	J 23	200	ug/Kg
P2571-02	BH656	Solid	Pyrene		57.000	J 21	200	ug/Kg
Total Svoc :				2,588.00				
Total Concentration:				66,586.00				
Client ID : BH657								
P2571-03	BH657	Solid	(DEL) Alkane: Straight-Chain21.1	*	190.000	J		
P2571-03	BH657	Solid	(DEL) Alkane: Straight-Chain22.2	*	110.000	J		
P2571-03	BH657	Solid	(DEL) Alkane: Straight-Chain25.6	*	440.000	J		
P2571-03	BH657	Solid	(DEL) Alkane: Straight-Chain28.4	*	240.000	J		
P2571-03	BH657	Solid	(S)-(+)-1,2-Propanediol	*	130.000	J		
P2571-03	BH657	Solid	1-Phenoxypropan-2-ol	*	94.000	J		

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2571-03	BH657	Solid	11H-Benzo[a]fluoren-11-one	*	87.000	J		
P2571-03	BH657	Solid	9-Octadecenamamide, (Z)-	*	160.000	J		
P2571-03	BH657	Solid	Anthracene, 1-methyl-	*	110.000	J		
P2571-03	BH657	Solid	Benzo[e]pyrene	*	200.000	J		
P2571-03	BH657	Solid	Butane, 2-methoxy-2-methyl-	*	10,000.000	J		
P2571-03	BH657	Solid	Cyclopenta(def)phenanthrenone	*	88.000	J		
P2571-03	BH657	Solid	E-14-Hexadecenal	*	250.000	J		
P2571-03	BH657	Solid	Oxirane, hexadecyl-	*	290.000	J		
P2571-03	BH657	Solid	Pentanedioic acid, dimethyl ester	*	86.000	J		
P2571-03	BH657	Solid	Phenanthrene, 2-methyl-	*	82.000	J		
P2571-03	BH657	Solid	Pyrene, 1-methyl-	*	95.000	J		
P2571-03	BH657	Solid	unknown-01	*	250.000	J		
P2571-03	BH657	Solid	Total Alkanes	*	980.000		30	190 ug/Kg
Total Tics :					13,882.00			
P2571-03	BH657	Solid	Benzo(a)anthracene		330.000		26	190 ug/Kg
P2571-03	BH657	Solid	Benzo(a)pyrene		370.000		35	190 ug/Kg
P2571-03	BH657	Solid	Benzo(b)fluoranthene		540.000		42	190 ug/Kg
P2571-03	BH657	Solid	Benzo(g,h,i)perylene		250.000		37	190 ug/Kg
P2571-03	BH657	Solid	Benzo(k)fluoranthene		190.000		43	190 ug/Kg
P2571-03	BH657	Solid	Bis(2-ethylhexyl)phthalate		200.000		29	190 ug/Kg
P2571-03	BH657	Solid	Butylbenzylphthalate		64.000	J	25	190 ug/Kg
P2571-03	BH657	Solid	Chrysene		410.000		27	190 ug/Kg
P2571-03	BH657	Solid	Dibenzo(a,h)anthracene		76.000	J	30	190 ug/Kg
P2571-03	BH657	Solid	Fluoranthene		710.000		22	190 ug/Kg
P2571-03	BH657	Solid	Indeno(1,2,3-cd)pyrene		220.000		32	190 ug/Kg
P2571-03	BH657	Solid	Phenanthrene		310.000		31	190 ug/Kg
P2571-03	BH657	Solid	Pyrene		630.000		21	190 ug/Kg
Total Svoc :					4,300.00			
Total Concentration:					18,182.00			
Client ID : BH658								
P2571-04	BH658	Solid	11H-Benzo[a]fluoren-11-one	*	78.000	J		
P2571-04	BH658	Solid	14-Heptadecenal	*	280.000	J		
P2571-04	BH658	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J		
P2571-04	BH658	Solid	9,10-Anthracenedione	*	100.000	J		
P2571-04	BH658	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P2571-04	BH658	Solid	Cyclopenta(def)phenanthrenone	*	110.000	J		
P2571-04	BH658	Solid	Diheptylisobutylamine	*	120.000	J		
P2571-04	BH658	Solid	Fluoranthene, 2-methyl-	*	79.000	J		
P2571-04	BH658	Solid	Phenanthrene, 1-methyl-	*	86.000	J		
P2571-04	BH658	Solid	Phenanthrene, 2,5-dimethyl-	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2571-04	BH658	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :				2,723.00				
P2571-04	BH658	Solid	Anthracene	73.000	J	28	190	ug/Kg
P2571-04	BH658	Solid	Benzo(a)anthracene	450.000		25	190	ug/Kg
P2571-04	BH658	Solid	Benzo(a)pyrene	490.000		34	190	ug/Kg
P2571-04	BH658	Solid	Benzo(b)fluoranthene	680.000		41	190	ug/Kg
P2571-04	BH658	Solid	Benzo(g,h,i)perylene	320.000		35	190	ug/Kg
P2571-04	BH658	Solid	Benzo(k)fluoranthene	270.000		42	190	ug/Kg
P2571-04	BH658	Solid	Bis(2-ethylhexyl)phthalate	200.000		28	190	ug/Kg
P2571-04	BH658	Solid	Butylbenzylphthalate	68.000	J	24	190	ug/Kg
P2571-04	BH658	Solid	Carbazole	54.000	J	38	370	ug/Kg
P2571-04	BH658	Solid	Chrysene	560.000		27	190	ug/Kg
P2571-04	BH658	Solid	Dibenzo(a,h)anthracene	95.000	J	29	190	ug/Kg
P2571-04	BH658	Solid	Fluoranthene	980.000		21	190	ug/Kg
P2571-04	BH658	Solid	Indeno(1,2,3-cd)pyrene	280.000		31	190	ug/Kg
P2571-04	BH658	Solid	Phenanthrene	510.000		30	190	ug/Kg
P2571-04	BH658	Solid	Pyrene	860.000		20	190	ug/Kg
Total Svoc :				5,890.00				
Total Concentration:				8,613.00				

Client ID : BH659

P2571-05	BH659	Solid	5-Bromo-2-thiophenecarboxaldeh	*	93.000	J		
P2571-05	BH659	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2571-05	BH659	Solid	unknown-01	*	110.000	J		
P2571-05	BH659	Solid	unknown-02	*	98.000	J		
P2571-05	BH659	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :				1,801.00				
P2571-05	BH659	Solid	Benzo(a)anthracene	230.000		25	190	ug/Kg
P2571-05	BH659	Solid	Benzo(a)pyrene	260.000		34	190	ug/Kg
P2571-05	BH659	Solid	Benzo(b)fluoranthene	390.000		41	190	ug/Kg
P2571-05	BH659	Solid	Benzo(g,h,i)perylene	170.000	J	35	190	ug/Kg
P2571-05	BH659	Solid	Benzo(k)fluoranthene	130.000	J	42	190	ug/Kg
P2571-05	BH659	Solid	Bis(2-ethylhexyl)phthalate	92.000	J	28	190	ug/Kg
P2571-05	BH659	Solid	Chrysene	290.000		27	190	ug/Kg
P2571-05	BH659	Solid	Dibenzo(a,h)anthracene	49.000	J	29	190	ug/Kg
P2571-05	BH659	Solid	Fluoranthene	520.000		21	190	ug/Kg
P2571-05	BH659	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	31	190	ug/Kg
P2571-05	BH659	Solid	Phenanthrene	260.000		30	190	ug/Kg
P2571-05	BH659	Solid	Pyrene	450.000		20	190	ug/Kg
Total Svoc :				3,001.00				

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				4,802.00				
Client ID : BH660								
P2571-06	BH660	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P2571-06	BH660	Solid	Isobutyl tetracosyl ether	*	100.000	J		
P2571-06	BH660	Solid	Octanamide	*	150.000	J		
P2571-06	BH660	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :				1,850.00				
P2571-06	BH660	Solid	Benzo(a)anthracene		110.000	J 26	190	ug/Kg
P2571-06	BH660	Solid	Benzo(a)pyrene		120.000	J 35	190	ug/Kg
P2571-06	BH660	Solid	Benzo(b)fluoranthene		160.000	J 41	190	ug/Kg
P2571-06	BH660	Solid	Benzo(g,h,i)perylene		80.000	J 36	190	ug/Kg
P2571-06	BH660	Solid	Benzo(k)fluoranthene		69.000	J 42	190	ug/Kg
P2571-06	BH660	Solid	Chrysene		140.000	J 27	190	ug/Kg
P2571-06	BH660	Solid	Fluoranthene		240.000	21	190	ug/Kg
P2571-06	BH660	Solid	Indeno(1,2,3-cd)pyrene		69.000	J 31	190	ug/Kg
P2571-06	BH660	Solid	Phenanthrene		120.000	J 30	190	ug/Kg
P2571-06	BH660	Solid	Pyrene		210.000	20	190	ug/Kg
Total Svoc :				1,318.00				
Total Concentration:				3,168.00				
Client ID : BH661								
P2571-07	BH661	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P2571-07	BH661	Solid	Dichloroacetic acid, 3-pentadecyl	*	100.000	J		
P2571-07	BH661	Solid	unknown-01	*	84.000	J		
P2571-07	BH661	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
Total Tics :				1,884.00				
Total Concentration:				1,884.00				
Client ID : BH662								
P2571-08	BH662	Solid	(DEL) Alkane: Cyclic4.718	*	880.000	J		
P2571-08	BH662	Solid	(DEL) Alkane: Straight-Chain21.1	*	180.000	J		
P2571-08	BH662	Solid	(DEL) Alkane: Straight-Chain22.2	*	110.000	J		
P2571-08	BH662	Solid	(DEL) Alkane: Straight-Chain23.7	*	160.000	J		
P2571-08	BH662	Solid	(DEL) Alkane: Straight-Chain25.6	*	260.000	J		
P2571-08	BH662	Solid	(DEL) Alkane: Straight-Chain28.5	*	260.000	J		
P2571-08	BH662	Solid	(DEL) Alkane: Straight-Chain4.30	*	1,100.000	J		
P2571-08	BH662	Solid	11H-Benzo[a]fluoren-11-one	*	87.000	J		
P2571-08	BH662	Solid	3-Buten-2-one, 3-methyl-	*	310.000	J		
P2571-08	BH662	Solid	5,6,7,8-Tetrahydrothieno[2,3-b]qu	*	92.000	J		
P2571-08	BH662	Solid	9-Octadecenamide, (Z)-	*	310.000	J		
P2571-08	BH662	Solid	Benzo[e]pyrene	*	210.000	J		

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2571-08	BH662	Solid	Butane, 2-methoxy-2-methyl-	*	12,000.000	J		
P2571-08	BH662	Solid	Methacrylamide	*	200.000	J		
P2571-08	BH662	Solid	Octadecanal	*	280.000	J		
P2571-08	BH662	Solid	Phenanthrene, 1,7-dimethyl-	*	85.000	J		
P2571-08	BH662	Solid	Phenanthrene, 1-methyl-	*	160.000	J		
P2571-08	BH662	Solid	Phenanthrene, 4-methyl-	*	100.000	J		
P2571-08	BH662	Solid	Pyrene, 1-methyl-	*	88.000	J		
P2571-08	BH662	Solid	Total Alkanes	*	3,000.000	31	200	ug/Kg
Total Tics :				19,872.00				
P2571-08	BH662	Solid	Benzo(a)anthracene		310.000	28	200	ug/Kg
P2571-08	BH662	Solid	Benzo(a)pyrene		340.000	37	200	ug/Kg
P2571-08	BH662	Solid	Benzo(b)fluoranthene		510.000	44	200	ug/Kg
P2571-08	BH662	Solid	Benzo(g,h,i)perylene		230.000	38	200	ug/Kg
P2571-08	BH662	Solid	Benzo(k)fluoranthene		180.000	J 46	200	ug/Kg
P2571-08	BH662	Solid	Bis(2-ethylhexyl)phthalate		200.000	30	200	ug/Kg
P2571-08	BH662	Solid	Butylbenzylphthalate		71.000	J 26	200	ug/Kg
P2571-08	BH662	Solid	Chrysene		400.000	29	200	ug/Kg
P2571-08	BH662	Solid	Dibenzo(a,h)anthracene		73.000	J 31	200	ug/Kg
P2571-08	BH662	Solid	Fluoranthene		690.000	23	200	ug/Kg
P2571-08	BH662	Solid	Indeno(1,2,3-cd)pyrene		210.000	34	200	ug/Kg
P2571-08	BH662	Solid	Phenanthrene		330.000	32	200	ug/Kg
P2571-08	BH662	Solid	Pyrene		600.000	22	200	ug/Kg
Total Svoc :				4,144.00				
Total Concentration:				24,016.00				
Client ID : BH663								
P2571-09	BH663	Solid	(DEL) Alkane: Straight-Chain21.1	*	85.000	J		
P2571-09	BH663	Solid	9-Octadecenamide, (Z)-	*	250.000	J		
P2571-09	BH663	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P2571-09	BH663	Solid	unknown-01	*	110.000	J		
P2571-09	BH663	Solid	Total Alkanes	*	85.000	29	190	ug/Kg
Total Tics :				2,630.00				
P2571-09	BH663	Solid	Benzo(b)fluoranthene		42.000	J 41	190	ug/Kg
P2571-09	BH663	Solid	Fluoranthene		56.000	J 21	190	ug/Kg
P2571-09	BH663	Solid	Pyrene		53.000	J 20	190	ug/Kg
Total Svoc :				151.00				
Total Concentration:				2,781.00				
Client ID : BH664								
P2571-10	BH664	Solid	(3,3-Dimethyloxiranyl)methanol	*	120.000	J		
P2571-10	BH664	Solid	(DEL) Alkane: Cyclic4.713	*	310.000	J		
P2571-10	BH664	Solid	(DEL) Alkane: Straight-Chain21.1	*	240.000	J		

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2571-10	BH664	Solid	(DEL) Alkane: Straight-Chain25.(	*	160.000	J		
P2571-10	BH664	Solid	1-Phenoxypropan-2-ol	*	79.000	J		
P2571-10	BH664	Solid	11H-Benzo[a]fluoren-11-one	*	98.000	J		
P2571-10	BH664	Solid	11H-Benzo[b]fluorene	*	99.000	J		
P2571-10	BH664	Solid	3-Buten-2-one, 3-methyl-	*	490.000	J		
P2571-10	BH664	Solid	3-Penten-1-ol, 2-methyl-	*	540.000	J		
P2571-10	BH664	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J		
P2571-10	BH664	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	87.000	J		
P2571-10	BH664	Solid	7H-Benz[de]anthracen-7-one	*	98.000	J		
P2571-10	BH664	Solid	9,10-Anthracenedione	*	130.000	J		
P2571-10	BH664	Solid	9-Octadecenamide, (Z)-	*	170.000	J		
P2571-10	BH664	Solid	9H-Fluorene, 9-phenyl-	*	110.000	J		
P2571-10	BH664	Solid	Benzo[e]pyrene	*	270.000	J		
P2571-10	BH664	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J		
P2571-10	BH664	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J		
P2571-10	BH664	Solid	di-p-Tolylacetylene	*	110.000	J		
P2571-10	BH664	Solid	Methacrylamide	*	340.000	J		
P2571-10	BH664	Solid	n-Hexadecanoic acid	*	120.000	J		
P2571-10	BH664	Solid	Phenanthrene, 1-methyl-	*	94.000	J		
P2571-10	BH664	Solid	Pyrene, 1-methyl-	*	83.000	J		
P2571-10	BH664	Solid	Total Alkanes	*	710.000	30	190	ug/Kg
Total Tics :					15,738.00			
P2571-10	BH664	Solid	Anthracene		63.000	J 29	190	ug/Kg
P2571-10	BH664	Solid	Benzo(a)anthracene		410.000	26	190	ug/Kg
P2571-10	BH664	Solid	Benzo(a)pyrene		470.000	36	190	ug/Kg
P2571-10	BH664	Solid	Benzo(b)fluoranthene		730.000	42	190	ug/Kg
P2571-10	BH664	Solid	Benzo(g,h,i)perylene		310.000	37	190	ug/Kg
P2571-10	BH664	Solid	Benzo(k)fluoranthene		260.000	44	190	ug/Kg
P2571-10	BH664	Solid	Bis(2-ethylhexyl)phthalate		180.000	J 29	190	ug/Kg
P2571-10	BH664	Solid	Butylbenzylphthalate		60.000	J 25	190	ug/Kg
P2571-10	BH664	Solid	Carbazole		61.000	J 39	380	ug/Kg
P2571-10	BH664	Solid	Chrysene		560.000	27	190	ug/Kg
P2571-10	BH664	Solid	Dibenzo(a,h)anthracene		91.000	J 30	190	ug/Kg
P2571-10	BH664	Solid	Fluoranthene		990.000	22	190	ug/Kg
P2571-10	BH664	Solid	Indeno(1,2,3-cd)pyrene		290.000	32	190	ug/Kg
P2571-10	BH664	Solid	Phenanthrene		590.000	31	190	ug/Kg
P2571-10	BH664	Solid	Pyrene		840.000	21	190	ug/Kg
Total Svoc :					5,905.00			
Total Concentration:					21,643.00			

Client ID : BH665

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2571-11	BH665	Solid	13-Docosenamide, (Z)-	*	86.000	J		
P2571-11	BH665	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P2571-11	BH665	Solid	Total Alkanes	*	0.000	30	190	ug/Kg
Total Tics :				1,686.00				
P2571-11	BH665	Solid	Benzo(a)anthracene		120.000	J 26	190	ug/Kg
P2571-11	BH665	Solid	Benzo(a)pyrene		130.000	J 35	190	ug/Kg
P2571-11	BH665	Solid	Benzo(b)fluoranthene		190.000	42	190	ug/Kg
P2571-11	BH665	Solid	Benzo(g,h,i)perylene		95.000	J 36	190	ug/Kg
P2571-11	BH665	Solid	Benzo(k)fluoranthene		54.000	J 43	190	ug/Kg
P2571-11	BH665	Solid	Bis(2-ethylhexyl)phthalate		87.000	J 29	190	ug/Kg
P2571-11	BH665	Solid	Chrysene		150.000	J 27	190	ug/Kg
P2571-11	BH665	Solid	Fluoranthene		260.000	22	190	ug/Kg
P2571-11	BH665	Solid	Indeno(1,2,3-cd)pyrene		81.000	J 32	190	ug/Kg
P2571-11	BH665	Solid	Phenanthrene		120.000	J 31	190	ug/Kg
P2571-11	BH665	Solid	Pyrene		240.000	21	190	ug/Kg
Total Svoc :				1,527.00				
Total Concentration:				3,213.00				
Client ID : BH666								
P2571-12	BH666	Solid	9-Octadecenamide, (Z)-	*	300.000	J		
P2571-12	BH666	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2571-12	BH666	Solid	Octatriacontyl pentafluoropropion	*	100.000	J		
P2571-12	BH666	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :				1,900.00				
P2571-12	BH666	Solid	Benzo(b)fluoranthene		53.000	J 42	190	ug/Kg
P2571-12	BH666	Solid	Chrysene		39.000	J 27	190	ug/Kg
P2571-12	BH666	Solid	Fluoranthene		62.000	J 21	190	ug/Kg
P2571-12	BH666	Solid	Pyrene		59.000	J 20	190	ug/Kg
Total Svoc :				213.00				
Total Concentration:				2,113.00				
Client ID : BH667								
P2571-13	BH667	Solid	(3,3-Dimethyloxiranyl)methanol	*	140.000	J		
P2571-13	BH667	Solid	(DEL) Alkane: Straight-Chain25.6	*	290.000	J		
P2571-13	BH667	Solid	(DEL) Alkane: Straight-Chain4.3	*	350.000	J		
P2571-13	BH667	Solid	1,4-Benzenedicarboxylic acid, bis	*	110.000	J		
P2571-13	BH667	Solid	11H-Benzo[b]fluorene	*	120.000	J		
P2571-13	BH667	Solid	3-Buten-2-one, 3-methyl-	*	540.000	J		
P2571-13	BH667	Solid	7H-Benz[de]anthracen-7-one	*	100.000	J		
P2571-13	BH667	Solid	9,10-Anthracenedione	*	120.000	J		
P2571-13	BH667	Solid	9,10-di(Chloromethyl)anthracene	*	95.000	J		
P2571-13	BH667	Solid	Anthracene, 1-methyl-	*	200.000	J		

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2571-13	BH667	Solid	Benzene, 1,1-(1,2-propadienyli	*	89.000	J		
P2571-13	BH667	Solid	Butane, 2-methoxy-2-methyl-	*	9,700.000	J		
P2571-13	BH667	Solid	Chrysene, 6-methyl-	*	110.000	J		
P2571-13	BH667	Solid	Cyclopenta(def)phenanthrene	*	150.000	J		
P2571-13	BH667	Solid	di-p-Tolylacetylene	*	120.000	J		
P2571-13	BH667	Solid	Methacrylamide	*	460.000	J		
P2571-13	BH667	Solid	n-Hexadecanoic acid	*	150.000	J		
P2571-13	BH667	Solid	Octadecanamide	*	160.000	J		
P2571-13	BH667	Solid	Phenanthrene, 2-methyl-	*	120.000	J		
P2571-13	BH667	Solid	Pyrene, 1-methyl-	*	99.000	J		
P2571-13	BH667	Solid	unknown-01	*	190.000	J		
P2571-13	BH667	Solid	unknown-02	*	220.000	J		
P2571-13	BH667	Solid	unknown-03	*	130.000	J		
P2571-13	BH667	Solid	unknown-04	*	400.000	J		
P2571-13	BH667	Solid	Total Alkanes	*	640.000	33	210	ug/Kg
Total Tics :					14,803.00			
P2571-13	BH667	Solid	Anthracene		58.000	J 32	210	ug/Kg
P2571-13	BH667	Solid	Benzo(a)anthracene		560.000	29	210	ug/Kg
P2571-13	BH667	Solid	Benzo(a)pyrene		630.000	39	210	ug/Kg
P2571-13	BH667	Solid	Benzo(b)fluoranthene		950.000	47	210	ug/Kg
P2571-13	BH667	Solid	Benzo(g,h,i)perylene		410.000	40	210	ug/Kg
P2571-13	BH667	Solid	Benzo(k)fluoranthene		330.000	48	210	ug/Kg
P2571-13	BH667	Solid	Bis(2-ethylhexyl)phthalate		890.000	32	210	ug/Kg
P2571-13	BH667	Solid	Butylbenzylphthalate		210.000	28	210	ug/Kg
P2571-13	BH667	Solid	Carbazole		58.000	J 43	420	ug/Kg
P2571-13	BH667	Solid	Chrysene		730.000	30	210	ug/Kg
P2571-13	BH667	Solid	Di-n-butylphthalate		95.000	J 34	210	ug/Kg
P2571-13	BH667	Solid	Dibenzo(a,h)anthracene		120.000	J 33	210	ug/Kg
P2571-13	BH667	Solid	Fluoranthene		1,200.000	24	210	ug/Kg
P2571-13	BH667	Solid	Indeno(1,2,3-cd)pyrene		350.000	35	210	ug/Kg
P2571-13	BH667	Solid	Phenanthrene		500.000	34	210	ug/Kg
P2571-13	BH667	Solid	Pyrene		1,100.000	23	210	ug/Kg
Total Svoc :					8,191.00			
Total Concentration:					22,994.00			
Client ID : BH669								
P2571-15	BH669	Solid	(DEL) Alkane: Straight-Chain21.1	*	150.000	J		
P2571-15	BH669	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
P2571-15	BH669	Solid	unknown-01	*	93.000	J		
P2571-15	BH669	Solid	Total Alkanes	*	150.000	33	220	ug/Kg
Total Tics :					2,593.00			

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P2571-15	BH669	Solid	Benzo(b)fluoranthene	50.000	J	47	220	ug/Kg	
P2571-15	BH669	Solid	Fluoranthene	68.000	J	24	220	ug/Kg	
P2571-15	BH669	Solid	Pyrene	63.000	J	23	220	ug/Kg	
Total Svoc :				181.00					
Total Concentration:				2,774.00					
Client ID : BH6C2									
P2571-18	BH6C2	Solid	(S)-(+)-1,2-Propanediol	*	91.000	J			
P2571-18	BH6C2	Solid	1-Phenoxypropan-2-ol	*	92.000	J			
P2571-18	BH6C2	Solid	Butane, 2-methoxy-2-methyl-	*	2,400.000	J			
P2571-18	BH6C2	Solid	n-Hexadecanoic acid	*	88.000	J			
P2571-18	BH6C2	Solid	Pentanedioic acid, dimethyl ester	*	87.000	J			
P2571-18	BH6C2	Solid	Total Alkanes	*	0.000	33	210	ug/Kg	
Total Tics :				2,758.00					
P2571-18	BH6C2	Solid	Benzo(a)anthracene		68.000	J	29	210	ug/Kg
P2571-18	BH6C2	Solid	Benzo(a)pyrene		60.000	J	39	210	ug/Kg
P2571-18	BH6C2	Solid	Benzo(b)fluoranthene		85.000	J	46	210	ug/Kg
P2571-18	BH6C2	Solid	Bis(2-ethylhexyl)phthalate		62.000	J	31	210	ug/Kg
P2571-18	BH6C2	Solid	Chrysene		74.000	J	30	210	ug/Kg
P2571-18	BH6C2	Solid	Fluoranthene		110.000	J	24	210	ug/Kg
P2571-18	BH6C2	Solid	Pyrene		120.000	J	23	210	ug/Kg
Total Svoc :				579.00					
Total Concentration:				3,337.00					
Client ID : BH5R9									
P2571-19	BH5R9	Water	1-Hexanol, 2-ethyl-	*	4.800	J			
P2571-19	BH5R9	Water	13-Docosenamide, (Z)-	*	19.000	J			
P2571-19	BH5R9	Water	Benzothiazole	*	3.900	J			
P2571-19	BH5R9	Water	Butane, 2-methoxy-2-methyl-	*	150.000	J			
P2571-19	BH5R9	Water	Diethyltoluamide	*	4.200	J			
P2571-19	BH5R9	Water	Phenol, 2-methoxy-	*	5.400	J			
P2571-19	BH5R9	Water	Propanoic acid, 2-methyl-, 3-hydroxy-	*	5.700	J			
P2571-19	BH5R9	Water	unknown-01	*	2.600	J			
P2571-19	BH5R9	Water	unknown-02	*	2.100	J			
P2571-19	BH5R9	Water	unknown-03	*	2.900	J			
P2571-19	BH5R9	Water	unknown-04	*	4.200	J			
P2571-19	BH5R9	Water	Total Alkanes	*	0.000	0.99	5	ug/L	
Total Tics :				204.80					
P2571-19	BH5R9	Water	Diethylphthalate		6.500	0.87	5	ug/L	
Total Svoc :				6.50					
Total Concentration:				211.30					

Hit Summary Sheet SW-846

SDG No.: BG052924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH5S0								
P2588-01	BH5S0	Water	9-Octadecenamide, (Z)-	*	33.000	J		
P2588-01	BH5S0	Water	Butane, 2-methoxy-2-methyl-	*	190.000	J		
P2588-01	BH5S0	Water	Total Alkanes	*	0.000	0.99	5	ug/L
Total Tics :						223.00		
Total Concentration:						223.00		
Client ID : SVOC-GPC-BLANK								
P2606-01	SVOC-GPC-BLANK	Solid	Butane, 2-methoxy-2-methyl-	*	270.000	J		
P2606-01	SVOC-GPC-BLANK	Solid	Total Alkanes	*	0.000	78	510	ug/Kg
Total Tics :						270.00		
Total Concentration:						270.00		
Client ID : SVOC-GPC2-BLANK								
P2606-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	78	510	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		

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.: BG052924 SAS No.: BG052924 SDG NO.: BG052924

EPA Sample No.: SSTD020415 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 09:50

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	SBLK128	24773	7.88	106416	10.68	85372	14.52
02	BH5R9	24175	7.88	108369	10.68	86547	14.52
03	BH5S0	21029	7.88	91928	10.68	74622	14.52
04	BH5N8	22939	7.89	99658	10.68	79935	14.52
05	BH5Q4	30347	7.89	126375	10.68	97957	14.51
06	BH5Q5	25670	7.88	110601	10.68	83963	14.52
07	BH5Q8	25878	7.88	114518	10.68	89142	14.52
08	BH632	25175	7.88	105747	10.68	83248	14.52
09	SLCS128	28123	7.88	118614	10.68	92992	14.52
10	SBLK137	28670	7.88	123410	10.67	97776	14.52
11	SVOC-GPC-BLANK	24380	7.88	105258	10.68	79823	14.52
12	SVOC-GPC2-BLANK	29009	7.88	125229	10.68	94920	14.52
13	BH662	26475	7.88	115345	10.68	86870	14.52
14	BH655	23495	7.88	105985	10.68	80316	14.52
15	BH656	26979	7.88	112808	10.67	81977	14.52
16	BH657	23527	7.88	102327	10.67	75515	14.51
17	BH663	23392	7.88	98514	10.67	76516	14.52
18	BH666	23470	7.88	105898	10.67	81302	14.52
19	BH669	27401	7.88	117360	10.68	90558	14.51
20	BH661	25282	7.88	108491	10.67	81942	14.52
21	BH665	25275	7.88	106932	10.67	81838	14.52
22	SLCS137	26063	7.88	116874	10.67	89586	14.52
23	SBLK157	28988	7.88	126799	10.67	95303	14.52

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG NO.: BG052924

EPA Sample No.: SSTD020415 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 03:38

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	20969	7.889	99753	10.69	91870	14.52
UPPER LIMIT	41938	8.389	199506	11.185	183740	15.022
LOWER LIMIT	10484.5	7.389	49876.5	10.185	45935	14.022
EPA SAMPLE NO.						
24 BH616	25051	7.88	105686	10.68	81715	14.51
25 BH617	25082	7.88	104642	10.67	78649	14.52
26 BH658	31035	7.88	133297	10.67	101672	14.52
27 BH659	26476	7.88	111358	10.67	82055	14.52
28 BH660	28522	7.88	119947	10.68	90853	14.52
29 BH6C2	27466	7.88	116977	10.67	86770	14.52
30 BH664	21988	7.88	95544	10.68	70176	14.51
31 BH667	26368	7.88	110792	10.67	85196	14.52

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG NO.: BG052924

EPA Sample No.: SSTD020500 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BG061320.D Time Analyzed: 09:50

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	23593	7.877	103393	10.67	91898	14.52
UPPER LIMIT	47186	8.377	206786	11.174	183796	15.016
LOWER LIMIT	11796.5	7.377	51696.5	10.174	45949	14.016
EPA SAMPLE NO.						
01 SBLK128	24773	7.88	106416	10.68	85372	14.52
02 BH5R9	24175	7.88	108369	10.68	86547	14.52
03 BH5S0	21029	7.88	91928	10.68	74622	14.52
04 BH5N8	22939	7.89	99658	10.68	79935	14.52
05 BH5Q4	30347	7.89	126375	10.68	97957	14.51
06 BH5Q5	25670	7.88	110601	10.68	83963	14.52
07 BH5Q8	25878	7.88	114518	10.68	89142	14.52
08 BH632	25175	7.88	105747	10.68	83248	14.52
09 SLCS128	28123	7.88	118614	10.68	92992	14.52

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG NO.: BG052924

EPA Sample No.: SSTD020501 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BG061330.D Time Analyzed: 16:40

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	29601	7.882	126425	10.68	97423	14.52
UPPER LIMIT	59202	8.382	252850	11.178	194846	15.015
LOWER LIMIT	14800.5	7.382	63212.5	10.178	48711.5	14.015
EPA SAMPLE NO.						
01 SBLK137	28670	7.88	123410	10.67	97776	14.52
02 SVOC-GPC-BLANK	24380	7.88	105258	10.68	79823	14.52
03 SVOC-GPC2-BLANK	29009	7.88	125229	10.68	94920	14.52
04 BH662	26475	7.88	115345	10.68	86870	14.52
05 BH655	23495	7.88	105985	10.68	80316	14.52
06 BH656	26979	7.88	112808	10.67	81977	14.52
07 BH657	23527	7.88	102327	10.67	75515	14.51
08 BH663	23392	7.88	98514	10.67	76516	14.52
09 BH666	23470	7.88	105898	10.67	81302	14.52
10 BH669	27401	7.88	117360	10.68	90558	14.51
11 BH661	25282	7.88	108491	10.67	81942	14.52
12 BH665	25275	7.88	106932	10.67	81838	14.52
13 SLCS137	26063	7.88	116874	10.67	89586	14.52

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT 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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG NO.: BG052924

EPA Sample No.: SSTD020502 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BG061344.D Time Analyzed: 02:57

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	34091	7.883	143315	10.67	111743	14.52
UPPER LIMIT	68182	8.383	286630	11.174	223486	15.016
LOWER LIMIT	17045.5	7.383	71657.5	10.174	55871.5	14.016
EPA SAMPLE NO.						
01 SBLK157	28988	7.88	126799	10.67	95303	14.52
02 BH616	25051	7.88	105686	10.68	81715	14.51
03 BH617	25082	7.88	104642	10.67	78649	14.52
04 BH658	31035	7.88	133297	10.67	101672	14.52
05 BH659	26476	7.88	111358	10.67	82055	14.52
06 BH660	28522	7.88	119947	10.68	90853	14.52
07 BH6C2	27466	7.88	116977	10.67	86770	14.52
08 BH664	21988	7.88	95544	10.68	70176	14.51
09 BH667	26368	7.88	110792	10.67	85196	14.52

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG NO.: BG052924

EPA Sample No.: SSTD020415 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 09:50

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	SBLK128	192543	17.27	205656	21.51	235311	24.60
02	BH5R9	198700	17.27	207812	21.51	236213	24.60
03	BH5S0	179508	17.26	186619	21.52	214478	24.60
04	BH5N8	178937	17.26	184871	21.52	206309	24.60
05	BH5Q4	216509	17.26	225218	21.52	256414	24.61
06	BH5Q5	187958	17.27	192581	21.51	218214	24.60
07	BH5Q8	196632	17.26	201762	21.52	233079	24.61
08	BH632	187912	17.26	191130	21.52	215741	24.61
09	SLCS128	213361	17.26	213704	21.52	242147	24.61
10	SBLK137	221836	17.27	231608	21.51	257102	24.60
11	SVOC-GPC-BLANK	182998	17.27	191894	21.51	217282	24.60
12	SVOC-GPC2-BLANK	210093	17.27	216775	21.51	249634	24.60
13	BH662	194398	17.26	200985	21.52	228034	24.60
14	BH655	183488	17.26	192451	21.52	216292	24.60
15	BH656	187185	17.27	193806	21.51	221814	24.61
16	BH657	173149	17.26	179455	21.52	203814	24.60
17	BH663	181760	17.27	183948	21.51	212559	24.60
18	BH666	179481	17.26	190418	21.51	218905	24.60
19	BH669	196157	17.26	209656	21.51	233363	24.60
20	BH661	186021	17.27	192659	21.51	218694	24.60
21	BH665	180887	17.26	195003	21.51	221975	24.59

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG NO.: BG052924

EPA Sample No.: SSTD020415 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 00:54

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	SLCS137	196476	17.27	207175	21.52	231442	24.60
23	SBLK157	212259	17.27	232595	21.51	258582	24.60
24	BH616	187475	17.26	192327	21.52	216904	24.60
25	BH617	173414	17.26	180975	21.51	205020	24.60
26	BH658	221257	17.27	228626	21.51	260780	24.60
27	BH659	180288	17.27	195931	21.51	221534	24.60
28	BH660	197346	17.27	210753	21.52	232958	24.60
29	BH6C2	196416	17.27	208524	21.51	233088	24.60
30	BH664	157529	17.26	166314	21.52	181241	24.60
31	BH667	187759	17.27	194078	21.51	217498	24.60

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG NO.: BG052924

EPA Sample No.: SSTD020500 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BG061320.D Time Analyzed: 09:50

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	213538	17.266	224644	21.514	251590	24.598
UPPER LIMIT	427076	17.766	449288	22.014	503180	25.098
LOWER LIMIT	106769	16.766	112322	21.014	125795	24.098
EPA SAMPLE NO.						
01 SBLK128	192543	17.27	205656	21.51	235311	24.60
02 BH5R9	198700	17.27	207812	21.51	236213	24.60
03 BH5S0	179508	17.26	186619	21.52	214478	24.60
04 BH5N8	178937	17.26	184871	21.52	206309	24.60
05 BH5Q4	216509	17.26	225218	21.52	256414	24.61
06 BH5Q5	187958	17.27	192581	21.51	218214	24.60
07 BH5Q8	196632	17.26	201762	21.52	233079	24.61
08 BH632	187912	17.26	191130	21.52	215741	24.61
09 SLCS128	213361	17.26	213704	21.52	242147	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.: BG052924 SAS No.: BG052924 SDG NO.: BG052924

EPA Sample No.: SSTD020501 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BG061330.D Time Analyzed: 16:40

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	228008	17.265	234448	21.519	265677	24.603
UPPER LIMIT	456016	17.765	468896	22.019	531354	25.103
LOWER LIMIT	114004	16.765	117224	21.019	132838.5	24.103
EPA SAMPLE NO.						
01 SBLK137	221836	17.27	231608	21.51	257102	24.60
02 SVOC-GPC-BLANK	182998	17.27	191894	21.51	217282	24.60
03 SVOC-GPC2-BLANK	210093	17.27	216775	21.51	249634	24.60
04 BH662	194398	17.26	200985	21.52	228034	24.60
05 BH655	183488	17.26	192451	21.52	216292	24.60
06 BH656	187185	17.27	193806	21.51	221814	24.61
07 BH657	173149	17.26	179455	21.52	203814	24.60
08 BH663	181760	17.27	183948	21.51	212559	24.60
09 BH666	179481	17.26	190418	21.51	218905	24.60
10 BH669	196157	17.26	209656	21.51	233363	24.60
11 BH661	186021	17.27	192659	21.51	218694	24.60
12 BH665	180887	17.26	195003	21.51	221975	24.59
13 SLCS137	196476	17.27	207175	21.52	231442	24.60

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG052924 SAS No.: BG052924 SDG NO.: BG052924

EPA Sample No.: SSTD020502 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BG061344.D Time Analyzed: 02:57

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	255164	17.266	271667	21.52	306068	24.604
UPPER LIMIT	510328	17.766	543334	22.02	612136	25.104
LOWER LIMIT	127582	16.766	135833.5	21.02	153034	24.104
EPA SAMPLE NO.						
01 SBLK157	212259	17.27	232595	21.51	258582	24.60
02 BH616	187475	17.26	192327	21.52	216904	24.60
03 BH617	173414	17.26	180975	21.51	205020	24.60
04 BH658	221257	17.27	228626	21.51	260780	24.60
05 BH659	180288	17.27	195931	21.51	221534	24.60
06 BH660	197346	17.27	210753	21.52	232958	24.60
07 BH6C2	196416	17.27	208524	21.51	233088	24.60
08 BH664	157529	17.26	166314	21.52	181241	24.60
09 BH667	187759	17.27	194078	21.51	217498	24.60

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161128BS	1,4-Dioxane	16	10	ug/L	63				0	0		
	Benzaldehyde	40	31	ug/L	78				0	0		
	Pyridine	40	25	ug/L	63				0	0		
	Phenol	40	27	ug/L	68				0	0		
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0		
	2-Chlorophenol	40	28	ug/L	70				0	0		
	2-Methylphenol	40	26	ug/L	65				0	0		
	2,2-oxybis(1-Chloropropane)	40	24	ug/L	60				0	0		
	Acetophenone	40	25	ug/L	63				0	0		
	4-Methylphenol	40	26	ug/L	65				0	0		
	N-Nitroso-di-n-propylamine	40	23	ug/L	58				0	0		
	Hexachloroethane	40	27	ug/L	68				0	0		
	Nitrobenzene	40	26	ug/L	65				0	0		
	Isophorone	40	23	ug/L	58				0	0		
	2-Nitrophenol	40	27	ug/L	68				0	0		
	2,4-Dimethylphenol	40	24	ug/L	60				0	0		
	Bis(2-chloroethoxy)methane	40	25	ug/L	63				0	0		
	2,4-Dichlorophenol	40	29	ug/L	73				0	0		
	Naphthalene	40	27	ug/L	68				0	0		
	4-Chloroaniline	40	22	ug/L	55				0	0		
	Hexachlorobutadiene	40	28	ug/L	70				0	0		
	Caprolactam	40	22	ug/L	55				0	0		
	4-Chloro-3-methylphenol	40	25	ug/L	63				0	0		
	1-Methylnaphthalene	40	26	ug/L	65				0	0		
	2-Methylnaphthalene	40	27	ug/L	68				0	0		
	Hexachlorocyclopentadiene	40	11	ug/L	28				0	0		
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0		
	2,4,5-Trichlorophenol	40	30	ug/L	75				0	0		
	1,1'-Biphenyl	40	29	ug/L	73				0	0		
	2-Chloronaphthalene	40	28	ug/L	70				0	0		
	2-Nitroaniline	40	26	ug/L	65				0	0		
	Dimethylphthalate	40	25	ug/L	63				0	0		
	2,6-Dinitrotoluene	40	26	ug/L	65				0	0		
	Acenaphthylene	40	26	ug/L	65				0	0		
	3-Nitroaniline	40	28	ug/L	70				0	0		
	Acenaphthene	40	27	ug/L	68				0	0		
	2,4-Dinitrophenol	40	17	ug/L	43				0	0		
	4-Nitrophenol	40	25	ug/L	63				0	0		
	Dibenzofuran	40	27	ug/L	68				0	0		
	2,4-Dinitrotoluene	40	25	ug/L	63				0	0		
	Diethylphthalate	40	24	ug/L	60				0	0		
	Fluorene	40	26	ug/L	65				0	0		
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0		
	4-Nitroaniline	40	28	ug/L	70				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161128BS	4,6-Dinitro-2-methylphenol	40	23	ug/L	58				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		
	1,2,4,5-Tetrachlorobenzene	40	31	ug/L	78				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	28	ug/L	70				0	0		
	Atrazine	40	27	ug/L	68				0	0		
	Pentachlorophenol	40	26	ug/L	65				0	0		
	Phenanthrene	40	28	ug/L	70				0	0		
	Pentachlorobenzene	40	30	ug/L	75				0	0		
	Anthracene	40	27	ug/L	68				0	0		
	1,2,3,4-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	Carbazole	40	28	ug/L	70				0	0		
	Di-n-butylphthalate	40	27	ug/L	68				0	0		
	Fluoranthene	40	28	ug/L	70				0	0		
	Pyrene	40	28	ug/L	70				0	0		
	Butylbenzylphthalate	40	28	ug/L	70				0	0		
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0		
	Benzo(a)anthracene	40	28	ug/L	70				0	0		
	Chrysene	40	28	ug/L	70				0	0		
	Bis(2-ethylhexyl)phthalate	40	27	ug/L	68				0	0		
	Di-n-octylphthalate	40	28	ug/L	70				0	0		
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0		
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(a)pyrene	40	25	ug/L	63				0	0		
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0		
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0		
	Benzo(g,h,i)perylene	40	26	ug/L	65				0	0		
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161137BS	1,4-Dioxane	530	400	ug/Kg	75				0	0		
	Benzaldehyde	1300	1300	ug/Kg	100				0	0		
	Pyridine	1300	1000	ug/Kg	77				0	0		
	Phenol	1300	1200	ug/Kg	92				0	0		
	Bis(2-chloroethyl)ether	1300	1100	ug/Kg	85				0	0		
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0		
	2-Methylphenol	1300	1100	ug/Kg	85				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1000	ug/Kg	77				0	0		
	Acetophenone	1300	1000	ug/Kg	77				0	0		
	4-Methylphenol	1300	1100	ug/Kg	85				0	0		
	N-Nitroso-di-n-propylamine	1300	960	ug/Kg	74				0	0		
	Hexachloroethane	1300	1100	ug/Kg	85				0	0		
	Nitrobenzene	1300	1000	ug/Kg	77				0	0		
	Isophorone	1300	920	ug/Kg	71				0	0		
	2-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	2,4-Dimethylphenol	1300	880	ug/Kg	68				0	0		
	Bis(2-chloroethoxy)methane	1300	1000	ug/Kg	77				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	1100	ug/Kg	85				0	0		
	4-Chloroaniline	1300	900	ug/Kg	69				0	0		
	Hexachlorobutadiene	1300	1100	ug/Kg	85				0	0		
	Caprolactam	1300	920	ug/Kg	71				0	0		
	4-Chloro-3-methylphenol	1300	980	ug/Kg	75				0	0		
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	Hexachlorocyclopentadiene	1300	410	ug/Kg	32				0	0		
	2,4,6-Trichlorophenol	1300	1200	ug/Kg	92				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	1000	ug/Kg	77				0	0		
	Dimethylphthalate	1300	990	ug/Kg	76				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	680	ug/Kg	52				0	0		
	4-Nitrophenol	1300	940	ug/Kg	72				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	970	ug/Kg	75				0	0		
	Diethylphthalate	1300	950	ug/Kg	73				0	0		
	Fluorene	1300	1000	ug/Kg	77				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.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161137BS	4,6-Dinitro-2-methylphenol	1300	980	ug/Kg	75				0	0		
	N-Nitrosodiphenylamine	1300	1200	ug/Kg	92				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Atrazine	1300	1100	ug/Kg	85				0	0		
	Pentachlorophenol	1300	920	ug/Kg	71				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	1100	ug/Kg	85				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	1200	ug/Kg	92				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	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	1100	ug/Kg	85				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	1000	ug/Kg	77				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1100	ug/Kg	85				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BH5Q4

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG052924

SAS No.: BG052924 SDG NO.: BG052924

Lab File ID: BG061325.D

Lab Sample ID: P2568-01

Instrument ID: BNA_G

Date Extracted: 05/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/29/2024

Level: (low/med) LOW

Time Analyzed: 12:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH5Q4	P2568-01	BG061325.D	05/29/2024
BH5Q5	P2568-02	BG061326.D	05/29/2024
BH5Q8	P2568-07	BG061327.D	05/29/2024
BH632	P2568-12	BG061328.D	05/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK128

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG052924

SAS No.: BG052924 SDG NO.: BG052924

Lab File ID: BG061321.D

Lab Sample ID: PB161128BL

Instrument ID: BNA_G

Date Extracted: 05/25/2024

Matrix: (soil/water) Water

Date Analyzed: 05/29/2024

Level: (low/med) LOW

Time Analyzed: 09:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH5R9	P2571-19	BG061322.D	05/29/2024
BH5S0	P2588-01	BG061323.D	05/29/2024
BH5N8	P2549-16	BG061324.D	05/29/2024
PB161128BS	PB161128BS	BG061329.D	05/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK137

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG052924

SAS No.: BG052924 SDG NO.: BG052924

Lab File ID: BG061331.D

Lab Sample ID: PB161137BL

Instrument ID: BNA_G

Date Extracted: 05/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/29/2024

Level: (low/med) LOW

Time Analyzed: 16:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH658	P2571-04	BG061348.D	05/30/2024
BH659	P2571-05	BG061349.D	05/30/2024
BH660	P2571-06	BG061350.D	05/30/2024
BH664	P2571-10	BG061352.D	05/30/2024
BH667	P2571-13	BG061353.D	05/30/2024
BH6C2	P2571-18	BG061351.D	05/30/2024
BH655	P2571-01	BG061335.D	05/29/2024
BH656	P2571-02	BG061336.D	05/29/2024
BH657	P2571-03	BG061337.D	05/29/2024
BH662	P2571-08	BG061334.D	05/29/2024
BH663	P2571-09	BG061338.D	05/29/2024
BH666	P2571-12	BG061339.D	05/29/2024
BH669	P2571-15	BG061340.D	05/29/2024
BH661	P2571-07	BG061341.D	05/29/2024
BH665	P2571-11	BG061342.D	05/30/2024
PB161137BS	PB161137BS	BG061343.D	05/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG052924

SAS No.: BG052924 SDG NO.: BG052924

Lab File ID: BG061333.D

Lab Sample ID: P2606-10

Instrument ID: BNA_G

Date Extracted: 05/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/29/2024

Level: (low/med) LOW

Time Analyzed: 18:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P2606-10	BG061333.D	05/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK157

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG052924

SAS No.: BG052924 SDG NO.: BG052924

Lab File ID: BG061345.D

Lab Sample ID: PB161157BL

Instrument ID: BNA_G

Date Extracted: 05/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/30/2024

Level: (low/med) LOW

Time Analyzed: 02:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH616	P2548-21	BG061346.D	05/30/2024
BH617	P2548-22	BG061347.D	05/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG052924

SAS No.: BG052924 SDG NO.: BG052924

Lab File ID: BG061332.D

Lab Sample ID: P2606-01

Instrument ID: BNA_G

Date Extracted: 05/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/29/2024

Level: (low/med) LOW

Time Analyzed: 17:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC-BLANK	P2606-01	BG061332.D	05/29/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2568-01	BH5Q4	BG061325.D	1,4-Dioxane-d8	8	2.70	34		15	120
			Pyridine-d5	40	5.60	14	*	20	120
			Phenol-d5	40	15.58	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.48	39		10	150
			2-Chlorophenol-d4	40	17.15	43		15	120
			4-Methylphenol-d8	40	14.55	36		10	140
			Nitrobenzene-d5	40	16.69	42		10	135
			2-Nitrophenol-d4	40	16.62	42		10	120
			2,4-Dichlorophenol-d3	40	17.32	43		10	140
			4-Chloroaniline-d4	40	10.62	27		1	145
			Dimethylphthalate-d6	40	16.31	41		10	145
			Acenaphthylene-d8	40	17.86	45		15	120
			4-Nitrophenol-d4	40	11.11	28		10	150
			Fluorene-d10	40	17.04	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.23	21		10	130
			Anthracene-d10	40	18.41	46		10	150
			Pyrene-d10	40	18.23	46		10	130
			Benzo(a)pyrene-d12	40	18.32	46		10	140
P2568-02	BH5Q5	BG061326.D	1,4-Dioxane-d8	8	2.78	35		15	120
			Pyridine-d5	40	2.82	7	*	20	120
			Phenol-d5	40	14.35	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.30	38		10	150
			2-Chlorophenol-d4	40	16.42	41		15	120
			4-Methylphenol-d8	40	12.35	31		10	140
			Nitrobenzene-d5	40	15.87	40		10	135
			2-Nitrophenol-d4	40	15.59	39		10	120
			2,4-Dichlorophenol-d3	40	16.40	41		10	140
			4-Chloroaniline-d4	40	9.67	24		1	145
			Dimethylphthalate-d6	40	16.53	41		10	145
			Acenaphthylene-d8	40	17.75	44		15	120
			4-Nitrophenol-d4	40	8.54	21		10	150
			Fluorene-d10	40	17.02	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.80	22		10	130
			Anthracene-d10	40	18.70	47		10	150
			Pyrene-d10	40	18.66	47		10	130
			Benzo(a)pyrene-d12	40	18.91	47		10	140
P2568-07	BH5Q8	BG061327.D	1,4-Dioxane-d8	8	6.29	79		15	120
			Pyridine-d5	40	27.90	70		20	120
			Phenol-d5	40	34.43	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.52	86		10	150
			2-Chlorophenol-d4	40	38.09	95		15	120
			4-Methylphenol-d8	40	36.13	90		10	140
			Nitrobenzene-d5	40	36.97	92		10	135
			2-Nitrophenol-d4	40	35.51	89		10	120
			2,4-Dichlorophenol-d3	40	36.29	91		10	140
			4-Chloroaniline-d4	40	34.81	87		1	145
			Dimethylphthalate-d6	40	36.63	92		10	145
			Acenaphthylene-d8	40	38.60	97		15	120
			4-Nitrophenol-d4	40	34.28	86		10	150

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2568-07	BH5Q8	BG061327.D	Fluorene-d10	40	37.89	95		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.06	65		10	130
			Anthracene-d10	40	42.16	105		10	150
			Pyrene-d10	40	41.79	104		10	130
			Benzo(a)pyrene-d12	40	42.26	106		10	140
P2568-12	BH632	BG061328.D	1,4-Dioxane-d8	8	3.03	38		15	120
			Pyridine-d5	40	0.95	2	*	20	120
			Phenol-d5	40	15.65	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.13	45		10	150
			2-Chlorophenol-d4	40	17.86	45		15	120
			4-Methylphenol-d8	40	9.37	23		10	140
			Nitrobenzene-d5	40	18.91	47		10	135
			2-Nitrophenol-d4	40	18.51	46		10	120
			2,4-Dichlorophenol-d3	40	17.40	44		10	140
			4-Chloroaniline-d4	40	7.68	19		1	145
			Dimethylphthalate-d6	40	17.74	44		10	145
			Acenaphthylene-d8	40	18.80	47		15	120
			4-Nitrophenol-d4	40	7.27	18		10	150
			Fluorene-d10	40	18.59	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.63	24		10	130
			Anthracene-d10	40	20.16	50		10	150
			Pyrene-d10	40	20.24	51		10	130
			Benzo(a)pyrene-d12	40	19.94	50		10	140

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2549-16	BH5N8	BG061324.D	Pyridine-d5	40	13.07	33		20	120
			1,4-Dioxane-d8	8	4.91	61		15	120
			Phenol-d5	40	0.33	1	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	34.27	86		25	120
			2-Chlorophenol-d4	40	1.02	3	*	20	130
			4-Methylphenol-d8	40	1.13	3	*	25	125
			Nitrobenzene-d5	40	34.47	86		20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.19	0	*	20	120
			4-Chloroaniline-d4	40	30.45	76		1	146
			Dimethylphthalate-d6	40	25.20	63		25	130
			Acenaphthylene-d8	40	35.40	89		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	35.44	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	41.99	105		25	130
			Pyrene-d10	40	40.72	102		15	130
			Benzo(a)pyrene-d12	40	42.78	107		20	130
P2571-19	BH5R9	BG061322.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Pyridine-d5	40	12.50	31		20	120
			Phenol-d5	40	7.45	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.17	78		25	120
			2-Chlorophenol-d4	40	25.94	65		20	130
			4-Methylphenol-d8	40	16.78	42		25	125
			Nitrobenzene-d5	40	33.63	84		20	125
			2-Nitrophenol-d4	40	29.01	73		20	130
			2,4-Dichlorophenol-d3	40	29.02	73		20	120
			4-Chloroaniline-d4	40	28.21	71		1	146
			Dimethylphthalate-d6	40	33.30	83		25	130
			Acenaphthylene-d8	40	34.92	87		10	130
			4-Nitrophenol-d4	40	5.86	15		10	150
			Fluorene-d10	40	34.43	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.32	61		10	130
			Anthracene-d10	40	38.34	96		25	130
			Pyrene-d10	40	38.49	96		15	130
			Benzo(a)pyrene-d12	40	39.40	99		20	130
P2588-01	BH5S0	BG061323.D	1,4-Dioxane-d8	8	4.30	54		15	120
			Pyridine-d5	40	11.08	28		20	120
			Phenol-d5	40	9.19	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.39	93		25	120
			2-Chlorophenol-d4	40	30.32	76		20	130
			4-Methylphenol-d8	40	20.34	51		25	125
			Nitrobenzene-d5	40	39.82	100		20	125
			2-Nitrophenol-d4	40	33.96	85		20	130
			2,4-Dichlorophenol-d3	40	33.70	84		20	120
			4-Chloroaniline-d4	40	32.58	81		1	146
			Dimethylphthalate-d6	40	38.09	95		25	130
			Acenaphthylene-d8	40	40.56	101		10	130
			4-Nitrophenol-d4	40	7.38	18		10	150

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2588-01	BH5S0	BG061323.D	Fluorene-d10	40	39.83	100		25	125
			4,6-Dinitro-2-methylphenol-d2	40	13.83	35		10	130
			Anthracene-d10	40	43.01	108		25	130
			Pyrene-d10	40	41.78	104		15	130
			Benzo(a)pyrene-d12	40	42.25	106		20	130
PB161128BL	PB161128BL	BG061321.D	Pyridine-d5	40	23.94	60		20	120
			1,4-Dioxane-d8	8	5.91	74		15	120
			Phenol-d5	40	26.64	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.04	68		25	120
			2-Chlorophenol-d4	40	27.86	70		20	130
			4-Methylphenol-d8	40	27.77	69		25	125
			Nitrobenzene-d5	40	28.57	71		20	125
			2-Nitrophenol-d4	40	27.49	69		20	130
			2,4-Dichlorophenol-d3	40	28.01	70		20	120
			4-Chloroaniline-d4	40	27.96	70		1	146
			Dimethylphthalate-d6	40	26.71	67		25	130
			Acenaphthylene-d8	40	28.11	70		10	130
			4-Nitrophenol-d4	40	23.22	58		10	150
			Fluorene-d10	40	27.21	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.08	50		10	130
			Anthracene-d10	40	29.77	74		25	130
			Pyrene-d10	40	28.41	71		15	130
			Benzo(a)pyrene-d12	40	29.47	74		20	130
PB161128BS	PB161128BS	BG061329.D	1,4-Dioxane-d8	8	5.72	71		15	120
			Pyridine-d5	40	24.79	62		20	120
			Phenol-d5	40	27.66	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.92	67		25	120
			2-Chlorophenol-d4	40	29.52	74		20	130
			4-Methylphenol-d8	40	27.43	69		25	125
			Nitrobenzene-d5	40	27.79	69		20	125
			2-Nitrophenol-d4	40	29.10	73		20	130
			2,4-Dichlorophenol-d3	40	28.79	72		20	120
			4-Chloroaniline-d4	40	25.49	64		1	146
			Dimethylphthalate-d6	40	25.90	65		25	130
			Acenaphthylene-d8	40	28.25	71		10	130
			4-Nitrophenol-d4	40	27.15	68		10	150
			Fluorene-d10	40	26.95	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.06	58		10	130
			Anthracene-d10	40	28.53	71		25	130
			Pyrene-d10	40	28.33	71		15	130
			Benzo(a)pyrene-d12	40	29.13	73		20	130

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2571-01	BH655	BG061335.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Pyridine-d5	40	16.82	42		20	120
			Phenol-d5	40	21.47	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.78	54		10	150
			2-Chlorophenol-d4	40	22.78	57		15	120
			4-Methylphenol-d8	40	19.99	50		10	140
			Nitrobenzene-d5	40	22.02	55		10	135
			2-Nitrophenol-d4	40	22.45	56		10	120
			2,4-Dichlorophenol-d3	40	22.03	55		10	140
			4-Chloroaniline-d4	40	19.11	48		1	145
			Dimethylphthalate-d6	40	22.29	56		10	145
			Acenaphthylene-d8	40	23.09	58		15	120
			4-Nitrophenol-d4	40	17.12	43		10	150
			Fluorene-d10	40	23.36	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.38	36		10	130
			Anthracene-d10	40	23.20	58		10	150
			Pyrene-d10	40	24.50	61		10	130
			Benzo(a)pyrene-d12	40	25.03	63		10	140
P2571-02	BH656	BG061336.D	1,4-Dioxane-d8	8	3.72	47		15	120
			Pyridine-d5	40	17.86	45		20	120
			Phenol-d5	40	23.13	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.00	60		10	150
			2-Chlorophenol-d4	40	26.06	65		15	120
			4-Methylphenol-d8	40	22.20	55		10	140
			Nitrobenzene-d5	40	23.98	60		10	135
			2-Nitrophenol-d4	40	24.79	62		10	120
			2,4-Dichlorophenol-d3	40	24.43	61		10	140
			4-Chloroaniline-d4	40	21.98	55		1	145
			Dimethylphthalate-d6	40	24.30	61		10	145
			Acenaphthylene-d8	40	26.36	66		15	120
			4-Nitrophenol-d4	40	20.76	52		10	150
			Fluorene-d10	40	24.54	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.56	36		10	130
			Anthracene-d10	40	24.46	61		10	150
			Pyrene-d10	40	25.86	65		10	130
			Benzo(a)pyrene-d12	40	25.71	64		10	140
P2571-03	BH657	BG061337.D	1,4-Dioxane-d8	8	3.98	50		15	120
			Pyridine-d5	40	12.87	32		20	120
			Phenol-d5	40	26.23	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.94	65		10	150
			2-Chlorophenol-d4	40	27.90	70		15	120
			4-Methylphenol-d8	40	23.81	60		10	140
			Nitrobenzene-d5	40	26.48	66		10	135
			2-Nitrophenol-d4	40	26.61	67		10	120
			2,4-Dichlorophenol-d3	40	27.10	68		10	140
			4-Chloroaniline-d4	40	15.67	39		1	145
			Dimethylphthalate-d6	40	26.52	66		10	145
			Acenaphthylene-d8	40	27.94	70		15	120
			4-Nitrophenol-d4	40	21.51	54		10	150

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2571-03	BH657	BG061337.D	Fluorene-d10	40	27.15	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.83	47		10	130
			Anthracene-d10	40	27.15	68		10	150
			Pyrene-d10	40	28.46	71		10	130
			Benzo(a)pyrene-d12	40	28.80	72		10	140
P2571-04	BH658	BG061348.D	1,4-Dioxane-d8	8	4.52	57		15	120
			Pyridine-d5	40	4.91	12	*	20	120
			Phenol-d5	40	22.68	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.76	57		10	150
			2-Chlorophenol-d4	40	24.39	61		15	120
			4-Methylphenol-d8	40	21.42	54		10	140
			Nitrobenzene-d5	40	24.90	62		10	135
			2-Nitrophenol-d4	40	24.00	60		10	120
			2,4-Dichlorophenol-d3	40	25.19	63		10	140
			4-Chloroaniline-d4	40	13.48	34		1	145
			Dimethylphthalate-d6	40	24.03	60		10	145
			Acenaphthylene-d8	40	25.85	65		15	120
			4-Nitrophenol-d4	40	14.63	37		10	150
			Fluorene-d10	40	24.17	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.59	41		10	130
			Anthracene-d10	40	25.79	64		10	150
			Pyrene-d10	40	26.16	65		10	130
			Benzo(a)pyrene-d12	40	26.50	66		10	140
P2571-05	BH659	BG061349.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Pyridine-d5	40	15.46	39		20	120
			Phenol-d5	40	20.99	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.26	53		10	150
			2-Chlorophenol-d4	40	22.65	57		15	120
			4-Methylphenol-d8	40	19.71	49		10	140
			Nitrobenzene-d5	40	23.27	58		10	135
			2-Nitrophenol-d4	40	22.82	57		10	120
			2,4-Dichlorophenol-d3	40	22.99	57		10	140
			4-Chloroaniline-d4	40	14.72	37		1	145
			Dimethylphthalate-d6	40	22.57	56		10	145
			Acenaphthylene-d8	40	24.19	60		15	120
			4-Nitrophenol-d4	40	20.56	51		10	150
			Fluorene-d10	40	22.97	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.91	35		10	130
			Anthracene-d10	40	24.32	61		10	150
			Pyrene-d10	40	23.62	59		10	130
			Benzo(a)pyrene-d12	40	24.72	62		10	140
P2571-06	BH660	BG061350.D	1,4-Dioxane-d8	8	3.64	46		15	120
			Pyridine-d5	40	10.19	25		20	120
			Phenol-d5	40	21.54	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.31	53		10	150
			2-Chlorophenol-d4	40	23.14	58		15	120
			4-Methylphenol-d8	40	20.90	52		10	140
			Nitrobenzene-d5	40	22.96	57		10	135
			2-Nitrophenol-d4	40	22.72	57		10	120

Surrogate Summary

SW-846

SDG No.: **BG052924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2571-06	BH660	BG061350.D	2,4-Dichlorophenol-d3	40	23.66	59		10	140
			4-Chloroaniline-d4	40	18.31	46		1	145
			Dimethylphthalate-d6	40	22.79	57		10	145
			Acenaphthylene-d8	40	24.10	60		15	120
			4-Nitrophenol-d4	40	18.20	45		10	150
			Fluorene-d10	40	23.19	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.62	32		10	130
			Anthracene-d10	40	24.57	61		10	150
			Pyrene-d10	40	24.87	62		10	130
			Benzo(a)pyrene-d12	40	26.77	67		10	140
P2571-07	BH661	BG061341.D	1,4-Dioxane-d8	8	4.03	50		15	120
			Pyridine-d5	40	18.42	46		20	120
			Phenol-d5	40	21.45	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.41	54		10	150
			2-Chlorophenol-d4	40	22.83	57		15	120
			4-Methylphenol-d8	40	21.09	53		10	140
			Nitrobenzene-d5	40	22.44	56		10	135
			2-Nitrophenol-d4	40	22.29	56		10	120
			2,4-Dichlorophenol-d3	40	22.01	55		10	140
			4-Chloroaniline-d4	40	21.60	54		1	145
			Dimethylphthalate-d6	40	21.88	55		10	145
			Acenaphthylene-d8	40	22.99	57		15	120
			4-Nitrophenol-d4	40	19.21	48		10	150
			Fluorene-d10	40	22.11	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.55	31		10	130
			Anthracene-d10	40	23.49	59		10	150
			Pyrene-d10	40	23.59	59		10	130
			Benzo(a)pyrene-d12	40	24.44	61		10	140
P2571-08	BH662	BG061334.D	Pyridine-d5	40	8.58	21		20	120
			1,4-Dioxane-d8	8	4.22	53		15	120
			Phenol-d5	40	23.78	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.12	60		10	150
			2-Chlorophenol-d4	40	25.83	65		15	120
			4-Methylphenol-d8	40	17.22	43		10	140
			Nitrobenzene-d5	40	24.11	60		10	135
			2-Nitrophenol-d4	40	24.18	60		10	120
			2,4-Dichlorophenol-d3	40	24.20	60		10	140
			4-Chloroaniline-d4	40	13.52	34		1	145
			Dimethylphthalate-d6	40	24.38	61		10	145
			Acenaphthylene-d8	40	25.51	64		15	120
			4-Nitrophenol-d4	40	17.01	43		10	150
			Fluorene-d10	40	25.12	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.64	44		10	130
			Anthracene-d10	40	25.15	63		10	150
			Pyrene-d10	40	25.90	65		10	130
			Benzo(a)pyrene-d12	40	25.85	65		10	140
P2571-09	BH663	BG061338.D	1,4-Dioxane-d8	8	4.78	60		15	120
			Pyridine-d5	40	18.61	47		20	120
			Phenol-d5	40	27.37	68		10	130

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2571-09	BH663	BG061338.D	Bis(2-Chloroethyl)ether-d8	40	27.17	68		10	150
			2-Chlorophenol-d4	40	29.66	74		15	120
			4-Methylphenol-d8	40	27.34	68		10	140
			Nitrobenzene-d5	40	28.57	71		10	135
			2-Nitrophenol-d4	40	28.76	72		10	120
			2,4-Dichlorophenol-d3	40	28.66	72		10	140
			4-Chloroaniline-d4	40	26.77	67		1	145
			Dimethylphthalate-d6	40	28.05	70		10	145
			Acenaphthylene-d8	40	29.57	74		15	120
			4-Nitrophenol-d4	40	27.50	69		10	150
			Fluorene-d10	40	29.35	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.57	49		10	130
			Anthracene-d10	40	27.84	70		10	150
			Pyrene-d10	40	31.72	79		10	130
			Benzo(a)pyrene-d12	40	32.02	80		10	140
P2571-10	BH664	BG061352.D	1,4-Dioxane-d8	8	5.28	66		15	120
			Pyridine-d5	40	13.02	33		20	120
			Phenol-d5	40	28.28	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.45	74		10	150
			2-Chlorophenol-d4	40	32.03	80		15	120
			4-Methylphenol-d8	40	17.83	45		10	140
			Nitrobenzene-d5	40	30.21	76		10	135
			2-Nitrophenol-d4	40	31.25	78		10	120
			2,4-Dichlorophenol-d3	40	30.53	76		10	140
			4-Chloroaniline-d4	40	14.36	36		1	145
			Dimethylphthalate-d6	40	32.34	81		10	145
			Acenaphthylene-d8	40	33.76	84		15	120
			4-Nitrophenol-d4	40	26.84	67		10	150
			Fluorene-d10	40	33.10	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.85	55		10	130
			Anthracene-d10	40	34.33	86		10	150
			Pyrene-d10	40	35.96	90		10	130
P2571-11	BH665	BG061342.D	Benzo(a)pyrene-d12	40	37.22	93		10	140
			1,4-Dioxane-d8	8	3.04	38		15	120
			Pyridine-d5	40	8.79	22		20	120
			Phenol-d5	40	17.48	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.02	50		10	150
			2-Chlorophenol-d4	40	19.89	50		15	120
			4-Methylphenol-d8	40	16.49	41		10	140
			Nitrobenzene-d5	40	20.75	52		10	135
			2-Nitrophenol-d4	40	18.87	47		10	120
			2,4-Dichlorophenol-d3	40	18.47	46		10	140
			4-Chloroaniline-d4	40	15.97	40		1	145
			Dimethylphthalate-d6	40	18.90	47		10	145
			Acenaphthylene-d8	40	20.34	51		15	120
			4-Nitrophenol-d4	40	9.46	24		10	150
			Fluorene-d10	40	19.53	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.55	26		10	130
			Anthracene-d10	40	20.43	51		10	150

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2571-11	BH665	BG061342.D	Pyrene-d10	40	21.45	54		10	130
			Benzo(a)pyrene-d12	40	21.94	55		10	140
P2571-12	BH666	BG061339.D	Pyridine-d5	40	11.02	28		20	120
			1,4-Dioxane-d8	8	4.24	53		15	120
			Phenol-d5	40	24.19	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.15	58		10	150
			2-Chlorophenol-d4	40	25.38	63		15	120
			4-Methylphenol-d8	40	23.07	58		10	140
			Nitrobenzene-d5	40	22.56	56		10	135
			2-Nitrophenol-d4	40	23.07	58		10	120
			2,4-Dichlorophenol-d3	40	23.33	58		10	140
			4-Chloroaniline-d4	40	20.16	50		1	145
			Dimethylphthalate-d6	40	22.78	57		10	145
			Acenaphthylene-d8	40	24.10	60		15	120
			4-Nitrophenol-d4	40	19.95	50		10	150
			Fluorene-d10	40	22.79	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.27	38		10	130
			Anthracene-d10	40	23.11	58		10	150
			Pyrene-d10	40	25.59	64		10	130
			Benzo(a)pyrene-d12	40	25.77	64		10	140
P2571-13	BH667	BG061353.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Pyridine-d5	40	4.76	12	*	20	120
			Phenol-d5	40	20.71	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.68	57		10	150
			2-Chlorophenol-d4	40	23.59	59		15	120
			4-Methylphenol-d8	40	8.69	22		10	140
			Nitrobenzene-d5	40	24.70	62		10	135
			2-Nitrophenol-d4	40	23.61	59		10	120
			2,4-Dichlorophenol-d3	40	22.77	57		10	140
			4-Chloroaniline-d4	40	6.53	16		1	145
			Dimethylphthalate-d6	40	23.62	59		10	145
			Acenaphthylene-d8	40	24.85	62		15	120
			4-Nitrophenol-d4	40	15.64	39		10	150
			Fluorene-d10	40	24.07	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.04	35		10	130
			Anthracene-d10	40	24.67	62		10	150
			Pyrene-d10	40	25.79	64		10	130
			Benzo(a)pyrene-d12	40	25.73	64		10	140
P2571-15	BH669	BG061340.D	1,4-Dioxane-d8	8	4.47	56		15	120
			Pyridine-d5	40	20.11	50		20	120
			Phenol-d5	40	24.83	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.58	61		10	150
			2-Chlorophenol-d4	40	26.82	67		15	120
			4-Methylphenol-d8	40	24.85	62		10	140
			Nitrobenzene-d5	40	26.02	65		10	135
			2-Nitrophenol-d4	40	24.83	62		10	120
			2,4-Dichlorophenol-d3	40	26.16	65		10	140
			4-Chloroaniline-d4	40	23.45	59		1	145
			Dimethylphthalate-d6	40	24.08	60		10	145

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2571-15	BH669	BG061340.D	Acenaphthylene-d8	40	25.78	64		15	120
			4-Nitrophenol-d4	40	21.83	55		10	150
			Fluorene-d10	40	24.72	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.21	41		10	130
			Anthracene-d10	40	25.67	64		10	150
			Pyrene-d10	40	26.35	66		10	130
			Benzo(a)pyrene-d12	40	27.66	69		10	140
P2571-18	BH6C2	BG061351.D	1,4-Dioxane-d8	8	4.97	62		15	120
			Pyridine-d5	40	23.55	59		20	120
			Phenol-d5	40	29.06	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.37	71		10	150
			2-Chlorophenol-d4	40	30.35	76		15	120
			4-Methylphenol-d8	40	29.04	73		10	140
			Nitrobenzene-d5	40	30.77	77		10	135
			2-Nitrophenol-d4	40	29.33	73		10	120
			2,4-Dichlorophenol-d3	40	30.82	77		10	140
			4-Chloroaniline-d4	40	27.58	69		1	145
			Dimethylphthalate-d6	40	30.93	77		10	145
			Acenaphthylene-d8	40	33.48	84		15	120
			4-Nitrophenol-d4	40	28.23	71		10	150
			Fluorene-d10	40	32.21	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.79	44		10	130
			Anthracene-d10	40	33.30	83		10	150
			Pyrene-d10	40	33.12	83		10	130
			Benzo(a)pyrene-d12	40	34.62	87		10	140
			1,4-Dioxane-d8	8	5.72	71		15	120
			Pyridine-d5	40	25.24	63		20	120
PB161137BL	PB161137BL	BG061331.D	Phenol-d5	40	27.41	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.90	67		10	150
			2-Chlorophenol-d4	40	29.39	73		15	120
			4-Methylphenol-d8	40	27.86	70		10	140
			Nitrobenzene-d5	40	29.14	73		10	135
			2-Nitrophenol-d4	40	28.58	71		10	120
			2,4-Dichlorophenol-d3	40	28.55	71		10	140
			4-Chloroaniline-d4	40	28.03	70		1	145
			Dimethylphthalate-d6	40	27.03	68		10	145
			Acenaphthylene-d8	40	29.25	73		15	120
			4-Nitrophenol-d4	40	24.22	61		10	150
			Fluorene-d10	40	27.98	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.89	40		10	130
			Anthracene-d10	40	30.48	76		10	150
			Pyrene-d10	40	28.86	72		10	130
			Benzo(a)pyrene-d12	40	30.30	76		10	140
			1,4-Dioxane-d8	8	7.09	89		15	120
			Pyridine-d5	40	31.31	78		20	120
			Phenol-d5	40	35.17	88		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.61	84		10	150
PB161137BS	PB161137BS	BG061343.D	2-Chlorophenol-d4	40	36.89	92		15	120
			4-Methylphenol-d8	40	33.72	84		10	140



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

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161137BS	PB161137BS	BG061343.D	Nitrobenzene-d5	40	34.44	86		10	135
			2-Nitrophenol-d4	40	33.20	83		10	120
			2,4-Dichlorophenol-d3	40	34.84	87		10	140
			4-Chloroaniline-d4	40	31.81	80		1	145
			Dimethylphthalate-d6	40	31.59	79		10	145
			Acenaphthylene-d8	40	34.52	86		15	120
			4-Nitrophenol-d4	40	30.80	77		10	150
			Fluorene-d10	40	32.30	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.14	75		10	130
			Anthracene-d10	40	34.85	87		10	150
			Pyrene-d10	40	33.83	85		10	130
			Benzo(a)pyrene-d12	40	35.66	89		10	140



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

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2606-10	SVOC-GPC2-BLA1BG061333.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2548-21	BH616	BG061346.D	1,4-Dioxane-d8	8	2.38	30		15	120
			Pyridine-d5	40	12.40	31		20	120
			Phenol-d5	40	16.80	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.15	40		10	150
			2-Chlorophenol-d4	40	16.50	41		15	120
			4-Methylphenol-d8	40	19.40	49		10	140
			Nitrobenzene-d5	40	20.24	51		10	135
			2-Nitrophenol-d4	40	21.42	54		10	120
			2,4-Dichlorophenol-d3	40	22.33	56		10	140
			4-Chloroaniline-d4	40	19.42	49		1	145
			Dimethylphthalate-d6	40	23.80	60		10	145
			Acenaphthylene-d8	40	26.49	66		15	120
			4-Nitrophenol-d4	40	27.59	69		10	150
			Fluorene-d10	40	25.41	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.94	52		10	130
			Anthracene-d10	40	30.92	77		10	150
			Pyrene-d10	40	37.75	94		10	130
			Benzo(a)pyrene-d12	40	42.22	106		10	140
P2548-22	BH617	BG061347.D	1,4-Dioxane-d8	8	5.66	71		15	120
			Pyridine-d5	40	27.07	68		20	120
			Phenol-d5	40	33.70	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.77	84		10	150
			2-Chlorophenol-d4	40	36.46	91		15	120
			4-Methylphenol-d8	40	34.74	87		10	140
			Nitrobenzene-d5	40	38.02	95		10	135
			2-Nitrophenol-d4	40	37.75	94		10	120
			2,4-Dichlorophenol-d3	40	38.30	96		10	140
			4-Chloroaniline-d4	40	32.99	82		1	145
			Dimethylphthalate-d6	40	38.16	95		10	145
			Acenaphthylene-d8	40	41.02	103		15	120
			4-Nitrophenol-d4	40	33.81	85		10	150
			Fluorene-d10	40	38.69	97		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.08	70		10	130
			Anthracene-d10	40	41.76	104		10	150
			Pyrene-d10	40	40.56	101		10	130
			Benzo(a)pyrene-d12	40	41.43	104		10	140
PB161157BL	PB161157BL	BG061345.D	Pyridine-d5	40	26.82	67		20	120
			1,4-Dioxane-d8	8	5.98	75		15	120
			Phenol-d5	40	28.65	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.02	70		10	150
			2-Chlorophenol-d4	40	31.46	79		15	120
			4-Methylphenol-d8	40	28.59	71		10	140
			Nitrobenzene-d5	40	29.26	73		10	135
			2-Nitrophenol-d4	40	29.22	73		10	120
			2,4-Dichlorophenol-d3	40	29.60	74		10	140
			4-Chloroaniline-d4	40	28.34	71		1	145
			Dimethylphthalate-d6	40	29.39	73		10	145
			Acenaphthylene-d8	40	30.81	77		15	120
			4-Nitrophenol-d4	40	26.85	67		10	150



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

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161157BL	PB161157BL	BG061345.D	Fluorene-d10	40	29.16	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.98	52		10	130
			Anthracene-d10	40	31.77	79		10	150
			Pyrene-d10	40	30.53	76		10	130
			Benzo(a)pyrene-d12	40	33.23	83		10	140



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

Surrogate Summary

SW-846

SDG No.: BG052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2606-01	SVOC-GPC-BLANBG061332.D		Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG052924

Lab Code: CHEM

SAS No.: BG052924

SDG NO.: BG052924

Lab File ID: BG061319.D

DFTPP Injection Date: 05/29/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.7
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	38.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	32.4
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	89.6
443	15.0 - 24.0% of mass 442	16.8 (18.7) 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
SSTD020500	SSTDCCC020	BG061320.D	05/29/2024	09:09
SBLK128	PB161128BL	BG061321.D	05/29/2024	09:50
BH5R9	P2571-19	BG061322.D	05/29/2024	10:31
BH5S0	P2588-01	BG061323.D	05/29/2024	11:12
BH5N8	P2549-16	BG061324.D	05/29/2024	11:52
BH5Q4	P2568-01	BG061325.D	05/29/2024	12:33
BH5Q5	P2568-02	BG061326.D	05/29/2024	13:13
BH5Q8	P2568-07	BG061327.D	05/29/2024	13:54
BH632	P2568-12	BG061328.D	05/29/2024	14:34
SLCS128	PB161128BS	BG061329.D	05/29/2024	15:15
SSTD020501	SSTDCCC020	BG061330.D	05/29/2024	15:56
SBLK137	PB161137BL	BG061331.D	05/29/2024	16:40
SVOC-GPC-BLANK	P2606-01	BG061332.D	05/29/2024	17:21
SVOC-GPC2-BLANK	P2606-10	BG061333.D	05/29/2024	18:03
BH662	P2571-08	BG061334.D	05/29/2024	18:44
BH655	P2571-01	BG061335.D	05/29/2024	19:25
BH656	P2571-02	BG061336.D	05/29/2024	20:06
BH657	P2571-03	BG061337.D	05/29/2024	20:47

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG052924

Lab Code: CHEM

SAS No.: BG052924

SDG NO.: BG052924

Lab File ID: BG061319.D

DFTPP Injection Date: 05/29/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.7
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	38.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	32.4
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	89.6
443	15.0 - 24.0% of mass 442	16.8 (18.7) 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
BH663	P2571-09	BG061338.D	05/29/2024	21:28
BH666	P2571-12	BG061339.D	05/29/2024	22:09
BH669	P2571-15	BG061340.D	05/29/2024	22:51
BH661	P2571-07	BG061341.D	05/29/2024	23:32
BH665	P2571-11	BG061342.D	05/30/2024	00:13
SLCS137	PB161137BS	BG061343.D	05/30/2024	00:54
SSTD020502	SSTDCCC020	BG061344.D	05/30/2024	02:16
SBLK157	PB161157BL	BG061345.D	05/30/2024	02:57
BH616	P2548-21	BG061346.D	05/30/2024	03:38
BH617	P2548-22	BG061347.D	05/30/2024	04:19
BH658	P2571-04	BG061348.D	05/30/2024	04:59
BH659	P2571-05	BG061349.D	05/30/2024	05:40
BH660	P2571-06	BG061350.D	05/30/2024	06:21
BH6C2	P2571-18	BG061351.D	05/30/2024	07:02
BH664	P2571-10	BG061352.D	05/30/2024	07:43
BH667	P2571-13	BG061353.D	05/30/2024	08:24