

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/7/2024 12:23:41

Lab File ID: BG062312.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020596 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.524	0.482	0.010	-7.9235	40.0
Benzaldehyde	1.009	1.041	0.010	3.1962	40.0
Pyridine	1.517	1.452	0.010	-4.2917	40.0
Phenol	2.014	1.983	0.080	-1.5689	20.0
Bis(2-Chloroethyl)ether	1.493	1.413	0.100	-5.3421	20.0
2-Chlorophenol	1.453	1.403	0.200	-3.463	20.0
2-Methylphenol	1.519	1.443	0.010	-4.9864	20.0
2,2-oxybis(1-Chloropropane)	3.050	2.961	0.010	-2.9061	40.0
Acetophenone	2.532	2.448	0.060	-3.3255	20.0
4-Methylphenol	1.701	1.666	0.010	-2.0587	20.0
N-Nitroso-di-n-propylamine	1.346	1.308	0.050	-2.8322	30.0
Hexachloroethane	0.540	0.526	0.100	-2.5195	20.0
Nitrobenzene	0.351	0.381	0.050	8.7092	25.0
Isophorone	0.844	0.794	0.050	-5.904	25.0
2-Nitrophenol	0.141	0.175	0.050	24.6985	25.0
2,4-Dimethylphenol	0.403	0.380	0.050	-5.5592	25.0
Bis(2-Chloroethoxy)methane	0.476	0.465	0.050	-2.2517	20.0
2,4-Dichlorophenol	0.342	0.360	0.060	5.5613	20.0
Naphthalene	1.137	1.098	0.200	-3.4335	20.0
4-Chloroaniline	0.478	0.456	0.010	-4.5504	40.0
Hexachlorobutadiene	0.258	0.247	0.040	-4.2984	30.0
Caprolactam	0.119	0.126	0.010	5.419	40.0
4-Chloro-3-methylphenol	0.383	0.415	0.040	8.2338	25.0
1-Methylnaphthalene	0.811	0.850	0.100	4.7529	20.0
2-Methylnaphthalene	0.783	0.841	0.100	7.4299	20.0
Hexachlorocyclopentadiene	0.254	0.272	0.010	7.0189	40.0
2,4,6-Trichlorophenol	0.379	0.389	0.090	2.7332	25.0
2,4,5-Trichlorophenol	0.408	0.428	0.100	4.908	25.0
1,1-Biphenyl	1.515	1.429	0.200	-5.6945	20.0
2-Chloronaphthalene	1.177	1.122	0.300	-4.7299	20.0
2-Nitroaniline	0.300	0.346	0.050	15.4621	40.0
Dimethylphthalate	1.548	1.421	0.300	-8.2231	20.0
2,6-Dinitrotoluene	0.211	0.257	0.080	21.6673	30.0
Acenaphthylene	1.864	1.739	0.400	-6.7311	20.0
3-Nitroaniline	0.241	0.259	0.010	7.8183	40.0
Acenaphthene	1.388	1.290	0.200	-7.0694	20.0
2,4-Dinitrophenol	0.084	0.101	0.010	20.2627	40.0
4-Nitrophenol	0.193	0.192	0.010	-0.8892	40.0
Dibenzofuran	1.917	1.794	0.300	-6.4298	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/7/2024 12:23:41

Lab File ID: BG062312.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020596 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.290	0.385	0.070	32.8669	30.0
Diethylphthalate	1.563	1.408	0.300	-9.9532	20.0
Fluorene	1.499	1.402	0.200	-6.4885	20.0
4-Chlorophenyl-phenylether	0.773	0.716	0.100	-7.3387	20.0
4-Nitroaniline	0.232	0.240	0.010	3.3506	40.0
4,6-Dinitro-2-methylphenol	0.068	0.091	0.010	33.5368	40.0
N-Nitrosodiphenylamine	0.599	0.566	0.050	-5.5278	20.0
1,2,4,5-Tetrachlorobenzene	0.653	0.634	0.100	-2.9254	20.0
4-Bromophenyl-phenylether	0.228	0.220	0.070	-3.5079	20.0
Hexachlorobenzene	0.265	0.254	0.050	-4.2744	25.0
Atrazine	0.230	0.224	0.010	-2.3257	25.0
Pentachlorophenol	0.140	0.145	0.010	3.7042	40.0
Phenanthrene	1.126	1.061	0.200	-5.7509	20.0
Pentachlorobenzene	0.313	0.304	0.050	-2.877	20.0
Anthracene	1.155	1.084	0.200	-6.2046	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.298	0.050	-0.5101	20.0
Carbazole	0.947	0.910	0.050	-3.94	40.0
Di-n-butylphthalate	1.127	1.098	0.500	-2.6372	25.0
Fluoranthene	1.344	1.225	0.400	-8.8931	25.0
Pyrene	1.431	1.322	0.400	-7.6385	25.0
Butylbenzylphthalate	0.494	0.466	0.100	-5.723	40.0
3,3-Dichlorobenzidine	0.450	0.456	0.010	1.39	40.0
Benzo (a) anthracene	1.465	1.353	0.300	-7.6219	30.0
Chrysene	1.383	1.283	0.200	-7.2473	30.0
Bis (2-ethylhexyl) phthalate	0.762	0.706	0.200	-7.3514	40.0
Di-n-octyl phthalate	1.139	1.064	0.010	-6.6041	40.0
Benzo (b) fluoranthene	1.217	1.144	0.200	-5.9393	25.0
Benzo (k) fluoranthene	1.238	1.148	0.200	-7.2226	25.0
Benzo (a) pyrene	1.151	1.078	0.200	-6.3708	20.0
Indeno (1,2,3-cd) pyrene	1.492	1.382	0.200	-7.3684	25.0
Dibenzo (a,h) anthracene	1.218	1.119	0.200	-8.1382	30.0
Benzo (g,h,i) perylene	1.133	1.042	0.200	-8.0065	30.0
2,3,4,6-Tetrachlorophenol	0.367	0.383	0.040	4.2637	20.0
1,4-Dioxane-d8	0.464	0.452	0.010	-2.4578	25.0
Pyridine-d5	1.459	1.345	0.010	-7.8251	40.0
Phenol-d5	1.909	1.830	0.010	-4.1576	25.0
Bis- (2-Chloroethyl) ether-d8	1.175	1.153	0.050	-1.8406	25.0
2-Chlorophenol-d4	1.368	1.354	0.200	-0.9958	20.0
4-Methylphenol-d8	1.590	1.495	0.010	-5.9844	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/7/2024 12:23:41

Lab File ID: BG062312.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020596 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.142	0.050	14.878	20.0
2-Nitrophenol-d4	0.116	0.152	0.050	31.2136	30.0
2,4-Dichlorophenol-d3	0.337	0.358	0.060	6.3187	20.0
4-Chloroaniline-d4	0.489	0.462	0.010	-5.5351	40.0
Dimethylphthalate-d6	1.543	1.381	0.300	-10.4819	20.0
Acenaphthylene-d8	1.750	1.609	0.400	-8.0409	20.0
4-Nitrophenol-d4	0.216	0.227	0.010	4.9711	40.0
Fluorene-d10	1.385	1.299	0.100	-6.1877	20.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.080	0.010	34.7513	40.0
Anthracene-d10	0.965	0.910	0.300	-5.6853	20.0
Pyrene-d10	1.189	1.090	0.300	-8.2821	25.0
Benzo(a)pyrene-d12	1.069	1.000	0.010	-6.4374	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/8/2024 12:14:04

Lab File ID: BG062328.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020598 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.524	0.428	0.010	-18.2812	40.0
Benzaldehyde	1.009	1.001	0.010	-0.7404	40.0
Pyridine	1.517	1.351	0.010	-10.9025	40.0
Phenol	2.014	1.852	0.080	-8.0457	20.0
Bis(2-Chloroethyl)ether	1.493	1.343	0.100	-10.0172	20.0
2-Chlorophenol	1.453	1.313	0.200	-9.6072	20.0
2-Methylphenol	1.519	1.382	0.010	-8.9999	20.0
2,2-oxybis(1-Chloropropane)	3.050	2.812	0.010	-7.8094	40.0
Acetophenone	2.532	2.282	0.060	-9.8679	20.0
4-Methylphenol	1.701	1.541	0.010	-9.3887	20.0
N-Nitroso-di-n-propylamine	1.346	1.247	0.050	-7.3687	30.0
Hexachloroethane	0.540	0.514	0.100	-4.8817	20.0
Nitrobenzene	0.351	0.370	0.050	5.3982	25.0
Isophorone	0.844	0.753	0.050	-10.7098	25.0
2-Nitrophenol	0.141	0.176	0.050	24.8702	25.0
2,4-Dimethylphenol	0.403	0.350	0.050	-13.1994	25.0
Bis(2-Chloroethoxy)methane	0.476	0.443	0.050	-6.8965	20.0
2,4-Dichlorophenol	0.342	0.347	0.060	1.6974	20.0
Naphthalene	1.137	1.027	0.200	-9.6525	20.0
4-Chloroaniline	0.478	0.429	0.010	-10.1001	40.0
Hexachlorobutadiene	0.258	0.241	0.040	-6.8063	30.0
Caprolactam	0.119	0.114	0.010	-4.8448	40.0
4-Chloro-3-methylphenol	0.383	0.400	0.040	4.3605	25.0
1-Methylnaphthalene	0.811	0.810	0.100	-0.1538	20.0
2-Methylnaphthalene	0.783	0.794	0.100	1.3384	20.0
Hexachlorocyclopentadiene	0.254	0.270	0.010	6.4586	40.0
2,4,6-Trichlorophenol	0.379	0.375	0.090	-0.9041	25.0
2,4,5-Trichlorophenol	0.408	0.414	0.100	1.4198	25.0
1,1-Biphenyl	1.515	1.368	0.200	-9.6883	20.0
2-Chloronaphthalene	1.177	1.064	0.300	-9.6695	20.0
2-Nitroaniline	0.300	0.333	0.050	11.1209	40.0
Dimethylphthalate	1.548	1.334	0.300	-13.797	20.0
2,6-Dinitrotoluene	0.211	0.248	0.080	17.1171	30.0
Acenaphthylene	1.864	1.633	0.400	-12.4243	20.0
3-Nitroaniline	0.241	0.243	0.010	0.7983	40.0
Acenaphthene	1.388	1.210	0.200	-12.7978	20.0
2,4-Dinitrophenol	0.084	0.087	0.010	3.1538	40.0
4-Nitrophenol	0.193	0.185	0.010	-4.3919	40.0
Dibenzofuran	1.917	1.709	0.300	-10.8447	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/8/2024 12:14:04

Lab File ID: BG062328.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020598 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.290	0.362	0.070	24.9259	30.0
Diethylphthalate	1.563	1.302	0.300	-16.7294	20.0
Fluorene	1.499	1.301	0.200	-13.2447	20.0
4-Chlorophenyl-phenylether	0.773	0.679	0.100	-12.1274	20.0
4-Nitroaniline	0.232	0.231	0.010	-0.5353	40.0
4,6-Dinitro-2-methylphenol	0.068	0.086	0.010	26.1358	40.0
N-Nitrosodiphenylamine	0.599	0.543	0.050	-9.429	20.0
1,2,4,5-Tetrachlorobenzene	0.653	0.621	0.100	-4.9612	20.0
4-Bromophenyl-phenylether	0.228	0.213	0.070	-6.3374	20.0
Hexachlorobenzene	0.265	0.241	0.050	-9.0787	25.0
Atrazine	0.230	0.209	0.010	-9.0642	25.0
Pentachlorophenol	0.140	0.135	0.010	-3.3555	40.0
Phenanthrene	1.126	0.986	0.200	-12.4022	20.0
Pentachlorobenzene	0.313	0.292	0.050	-6.7205	20.0
Anthracene	1.155	1.015	0.200	-12.13	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.291	0.050	-2.7714	20.0
Carbazole	0.947	0.844	0.050	-10.9637	40.0
Di-n-butylphthalate	1.127	1.033	0.500	-8.4161	25.0
Fluoranthene	1.344	1.163	0.400	-13.505	25.0
Pyrene	1.431	1.233	0.400	-13.8732	25.0
Butylbenzylphthalate	0.494	0.447	0.100	-9.4417	40.0
3,3-Dichlorobenzidine	0.450	0.435	0.010	-3.3433	40.0
Benzo (a) anthracene	1.465	1.288	0.300	-12.0691	30.0
Chrysene	1.383	1.215	0.200	-12.1096	30.0
Bis(2-ethylhexyl)phthalate	0.762	0.664	0.200	-12.8681	40.0
Di-n-octyl phthalate	1.139	1.007	0.010	-11.6399	40.0
Benzo (b) fluoranthene	1.217	1.069	0.200	-12.1332	25.0
Benzo (k) fluoranthene	1.238	1.079	0.200	-12.7869	25.0
Benzo (a) pyrene	1.151	1.006	0.200	-12.6173	20.0
Indeno (1,2,3-cd) pyrene	1.492	1.295	0.200	-13.1902	25.0
Dibenzo (a,h) anthracene	1.218	1.048	0.200	-13.9939	30.0
Benzo (g,h,i) perylene	1.133	0.991	0.200	-12.5017	30.0
2,3,4,6-Tetrachlorophenol	0.367	0.373	0.040	1.4597	20.0
1,4-Dioxane-d8	0.464	0.393	0.010	-15.2315	25.0
Pyridine-d5	1.459	1.291	0.010	-11.5106	40.0
Phenol-d5	1.909	1.738	0.010	-8.9656	25.0
Bis- (2-Chloroethyl) ether-d8	1.175	1.069	0.050	-9.0074	25.0
2-Chlorophenol-d4	1.368	1.257	0.200	-8.0642	20.0
4-Methylphenol-d8	1.590	1.479	0.010	-6.9753	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/8/2024 12:14:04

Lab File ID: BG062328.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020598 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.140	0.050	13.32	20.0
2-Nitrophenol-d4	0.116	0.150	0.050	28.9444	30.0
2,4-Dichlorophenol-d3	0.337	0.345	0.060	2.2843	20.0
4-Chloroaniline-d4	0.489	0.437	0.010	-10.6027	40.0
Dimethylphthalate-d6	1.543	1.300	0.300	-15.7224	20.0
Acenaphthylene-d8	1.750	1.523	0.400	-12.9719	20.0
4-Nitrophenol-d4	0.216	0.211	0.010	-2.2888	40.0
Fluorene-d10	1.385	1.212	0.100	-12.5127	20.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.078	0.010	31.7828	40.0
Anthracene-d10	0.965	0.853	0.300	-11.6203	20.0
Pyrene-d10	1.189	1.036	0.300	-12.8474	25.0
Benzo(a)pyrene-d12	1.069	0.940	0.010	-12.1067	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.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/9/2024 12:00:24

Lab File ID: BG062341.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020599 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.524	0.426	0.010	-18.5895	40.0
Benzaldehyde	1.009	1.114	0.010	10.4714	40.0
Pyridine	1.517	1.389	0.010	-8.4394	40.0
Phenol	2.014	1.913	0.080	-5.0275	20.0
Bis(2-Chloroethyl)ether	1.493	1.368	0.100	-8.3627	20.0
2-Chlorophenol	1.453	1.383	0.200	-4.857	20.0
2-Methylphenol	1.519	1.416	0.010	-6.7471	20.0
2,2-oxybis(1-Chloropropane)	3.050	2.849	0.010	-6.5781	40.0
Acetophenone	2.532	2.327	0.060	-8.1139	20.0
4-Methylphenol	1.701	1.572	0.010	-7.5551	20.0
N-Nitroso-di-n-propylamine	1.346	1.230	0.050	-8.6175	30.0
Hexachloroethane	0.540	0.528	0.100	-2.1796	20.0
Nitrobenzene	0.351	0.368	0.050	4.8056	25.0
Isophorone	0.844	0.731	0.050	-13.3154	25.0
2-Nitrophenol	0.141	0.167	0.050	18.6531	25.0
2,4-Dimethylphenol	0.403	0.360	0.050	-10.6072	25.0
Bis(2-Chloroethoxy)methane	0.476	0.422	0.050	-11.3287	20.0
2,4-Dichlorophenol	0.342	0.346	0.060	1.2727	20.0
Naphthalene	1.137	1.053	0.200	-7.3318	20.0
4-Chloroaniline	0.478	0.431	0.010	-9.6682	40.0
Hexachlorobutadiene	0.258	0.232	0.040	-10.1356	30.0
Caprolactam	0.119	0.107	0.010	-10.6945	40.0
4-Chloro-3-methylphenol	0.383	0.375	0.040	-2.0824	25.0
1-Methylnaphthalene	0.811	0.779	0.100	-3.9808	20.0
2-Methylnaphthalene	0.783	0.769	0.100	-1.8774	20.0
Hexachlorocyclopentadiene	0.254	0.256	0.010	0.9442	40.0
2,4,6-Trichlorophenol	0.379	0.388	0.090	2.3222	25.0
2,4,5-Trichlorophenol	0.408	0.416	0.100	1.9692	25.0
1,1-Biphenyl	1.515	1.418	0.200	-6.4354	20.0
2-Chloronaphthalene	1.177	1.124	0.300	-4.5617	20.0
2-Nitroaniline	0.300	0.335	0.050	11.6848	40.0
Dimethylphthalate	1.548	1.362	0.300	-11.9846	20.0
2,6-Dinitrotoluene	0.211	0.255	0.080	20.823	30.0
Acenaphthylene	1.864	1.656	0.400	-11.1592	20.0
3-Nitroaniline	0.241	0.252	0.010	4.8174	40.0
Acenaphthene	1.388	1.232	0.200	-11.2206	20.0
2,4-Dinitrophenol	0.084	0.091	0.010	8.4944	40.0
4-Nitrophenol	0.193	0.181	0.010	-6.3409	40.0
Dibenzofuran	1.917	1.756	0.300	-8.4285	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/9/2024 12:00:24

Lab File ID: BG062341.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020599 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.290	0.368	0.070	27.037	30.0
Diethylphthalate	1.563	1.348	0.300	-13.7414	20.0
Fluorene	1.499	1.342	0.200	-10.4769	20.0
4-Chlorophenyl-phenylether	0.773	0.693	0.100	-10.3635	20.0
4-Nitroaniline	0.232	0.246	0.010	5.9262	40.0
4,6-Dinitro-2-methylphenol	0.068	0.091	0.010	33.1502	40.0
N-Nitrosodiphenylamine	0.599	0.549	0.050	-8.4662	20.0
1,2,4,5-Tetrachlorobenzene	0.653	0.632	0.100	-3.2501	20.0
4-Bromophenyl-phenylether	0.228	0.217	0.070	-4.7194	20.0
Hexachlorobenzene	0.265	0.246	0.050	-7.0471	25.0
Atrazine	0.230	0.212	0.010	-7.6664	25.0
Pentachlorophenol	0.140	0.135	0.010	-3.2063	40.0
Phenanthrene	1.126	1.001	0.200	-11.0894	20.0
Pentachlorobenzene	0.313	0.299	0.050	-4.433	20.0
Anthracene	1.155	1.039	0.200	-10.0583	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.301	0.050	0.5982	20.0
Carbazole	0.947	0.845	0.050	-10.8655	40.0
Di-n-butylphthalate	1.127	1.015	0.500	-9.9665	25.0
Fluoranthene	1.344	1.194	0.400	-11.1683	25.0
Pyrene	1.431	1.276	0.400	-10.8506	25.0
Butylbenzylphthalate	0.494	0.452	0.100	-8.5026	40.0
3,3-Dichlorobenzidine	0.450	0.454	0.010	0.7831	40.0
Benzo (a) anthracene	1.465	1.313	0.300	-10.3554	30.0
Chrysene	1.383	1.246	0.200	-9.9056	30.0
Bis(2-ethylhexyl)phthalate	0.762	0.685	0.200	-10.1727	40.0
Di-n-octyl phthalate	1.139	1.020	0.010	-10.5115	40.0
Benzo (b) fluoranthene	1.217	1.079	0.200	-11.3199	25.0
Benzo (k) fluoranthene	1.238	1.089	0.200	-11.9803	25.0
Benzo (a) pyrene	1.151	1.017	0.200	-11.6372	20.0
Indeno (1,2,3-cd) pyrene	1.492	1.326	0.200	-11.1124	25.0
Dibenzo (a,h) anthracene	1.218	1.068	0.200	-12.3765	30.0
Benzo (g,h,i) perylene	1.133	0.995	0.200	-12.1808	30.0
2,3,4,6-Tetrachlorophenol	0.367	0.371	0.040	0.945	20.0
Pyridine-d5	1.459	1.302	0.010	-10.8008	40.0
1,4-Dioxane-d8	0.464	0.396	0.010	-14.6355	25.0
Phenol-d5	1.909	1.786	0.010	-6.4158	25.0
Bis- (2-Chloroethyl) ether-d8	1.175	1.104	0.050	-6.0817	25.0
2-Chlorophenol-d4	1.368	1.346	0.200	-1.5504	20.0
4-Methylphenol-d8	1.590	1.472	0.010	-7.4537	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/9/2024 12:00:24

Lab File ID: BG062341.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020599 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.142	0.050	15.1461	20.0
2-Nitrophenol-d4	0.116	0.150	0.050	29.3129	30.0
2,4-Dichlorophenol-d3	0.337	0.338	0.060	0.3662	20.0
4-Chloroaniline-d4	0.489	0.440	0.010	-9.8857	40.0
Dimethylphthalate-d6	1.543	1.330	0.300	-13.7932	20.0
Acenaphthylene-d8	1.750	1.572	0.400	-10.1726	20.0
4-Nitrophenol-d4	0.216	0.215	0.010	-0.3198	40.0
Fluorene-d10	1.385	1.237	0.100	-10.6918	20.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.081	0.010	36.8001	40.0
Anthracene-d10	0.965	0.876	0.300	-9.2304	20.0
Pyrene-d10	1.189	1.054	0.300	-11.3653	25.0
Benzo(a)pyrene-d12	1.069	0.964	0.010	-9.7978	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.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/9/2024 12:07:58

Lab File ID: BG062351.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020600 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.524	0.428	0.010	-18.3333	40.0
Benzaldehyde	1.009	1.079	0.010	6.9754	40.0
Pyridine	1.517	1.369	0.010	-9.7157	40.0
Phenol	2.014	1.900	0.080	-5.6746	20.0
Bis(2-Chloroethyl)ether	1.493	1.361	0.100	-8.8461	20.0
2-Chlorophenol	1.453	1.355	0.200	-6.7227	20.0
2-Methylphenol	1.519	1.373	0.010	-9.6012	20.0
2,2-oxybis(1-Chloropropane)	3.050	2.810	0.010	-7.8573	40.0
Acetophenone	2.532	2.295	0.060	-9.3631	20.0
4-Methylphenol	1.701	1.582	0.010	-6.9964	20.0
N-Nitroso-di-n-propylamine	1.346	1.213	0.050	-9.8383	30.0
Hexachloroethane	0.540	0.528	0.100	-2.2026	20.0
Nitrobenzene	0.351	0.366	0.050	4.3171	25.0
Isophorone	0.844	0.714	0.050	-15.4031	25.0
2-Nitrophenol	0.141	0.169	0.050	20.0418	25.0
2,4-Dimethylphenol	0.403	0.340	0.050	-15.6541	25.0
Bis(2-Chloroethoxy)methane	0.476	0.418	0.050	-12.1615	20.0
2,4-Dichlorophenol	0.342	0.332	0.060	-2.8489	20.0
Naphthalene	1.137	1.015	0.200	-10.7051	20.0
4-Chloroaniline	0.478	0.411	0.010	-13.8917	40.0
Hexachlorobutadiene	0.258	0.233	0.040	-9.8113	30.0
Caprolactam	0.119	0.102	0.010	-14.3946	40.0
4-Chloro-3-methylphenol	0.383	0.365	0.040	-4.7498	25.0
1-Methylnaphthalene	0.811	0.730	0.100	-10.0581	20.0
2-Methylnaphthalene	0.783	0.742	0.100	-5.2416	20.0
Hexachlorocyclopentadiene	0.254	0.264	0.010	4.2098	40.0
2,4,6-Trichlorophenol	0.379	0.379	0.090	0.0782	25.0
2,4,5-Trichlorophenol	0.408	0.406	0.100	-0.5825	25.0
1,1-Biphenyl	1.515	1.367	0.200	-9.7804	20.0
2-Chloronaphthalene	1.177	1.083	0.300	-8.0407	20.0
2-Nitroaniline	0.300	0.341	0.050	13.8551	40.0
Dimethylphthalate	1.548	1.306	0.300	-15.6333	20.0
2,6-Dinitrotoluene	0.211	0.250	0.080	18.0862	30.0
Acenaphthylene	1.864	1.596	0.400	-14.3742	20.0
3-Nitroaniline	0.241	0.252	0.010	4.7435	40.0
Acenaphthene	1.388	1.197	0.200	-13.7552	20.0
2,4-Dinitrophenol	0.084	0.104	0.010	24.3399	40.0
4-Nitrophenol	0.193	0.176	0.010	-8.6945	40.0
Dibenzofuran	1.917	1.672	0.300	-12.8136	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/9/2024 12:07:58

Lab File ID: BG062351.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020600 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.290	0.370	0.070	27.4824	30.0
Diethylphthalate	1.563	1.292	0.300	-17.3496	20.0
Fluorene	1.499	1.279	0.200	-14.7029	20.0
4-Chlorophenyl-phenylether	0.773	0.674	0.100	-12.8597	20.0
4-Nitroaniline	0.232	0.233	0.010	0.2671	40.0
4,6-Dinitro-2-methylphenol	0.068	0.094	0.010	37.1863	40.0
N-Nitrosodiphenylamine	0.599	0.531	0.050	-11.3738	20.0
1,2,4,5-Tetrachlorobenzene	0.653	0.620	0.100	-5.0442	20.0
4-Bromophenyl-phenylether	0.228	0.211	0.070	-7.4479	20.0
Hexachlorobenzene	0.265	0.239	0.050	-10.0001	25.0
Atrazine	0.230	0.208	0.010	-9.3183	25.0
Pentachlorophenol	0.140	0.131	0.010	-6.197	40.0
Phenanthrene	1.126	0.987	0.200	-12.3361	20.0
Pentachlorobenzene	0.313	0.297	0.050	-5.3627	20.0
Anthracene	1.155	1.007	0.200	-12.8051	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.297	0.050	-0.9177	20.0
Carbazole	0.947	0.820	0.050	-13.5083	40.0
Di-n-butylphthalate	1.127	1.009	0.500	-10.5419	25.0
Fluoranthene	1.344	1.150	0.400	-14.4123	25.0
Pyrene	1.431	1.226	0.400	-14.3601	25.0
Butylbenzylphthalate	0.494	0.445	0.100	-9.9961	40.0
3,3-Dichlorobenzidine	0.450	0.449	0.010	-0.1683	40.0
Benzo (a) anthracene	1.465	1.281	0.300	-12.5735	30.0
Chrysene	1.383	1.210	0.200	-12.5111	30.0
Bis(2-ethylhexyl)phthalate	0.762	0.667	0.200	-12.5181	40.0
Di-n-octyl phthalate	1.139	1.002	0.010	-12.0363	40.0
Benzo (b) fluoranthene	1.217	1.074	0.200	-11.6864	25.0
Benzo (k) fluoranthene	1.238	1.062	0.200	-14.1692	25.0
Benzo (a) pyrene	1.151	1.001	0.200	-13.0467	20.0
Indeno (1,2,3-cd) pyrene	1.492	1.296	0.200	-13.1249	25.0
Dibenzo (a,h) anthracene	1.218	1.062	0.200	-12.7981	30.0
Benzo (g,h,i) perylene	1.133	0.985	0.200	-13.0825	30.0
2,3,4,6-Tetrachlorophenol	0.367	0.352	0.040	-4.1171	20.0
1,4-Dioxane-d8	0.464	0.404	0.010	-12.9335	25.0
Pyridine-d5	1.459	1.298	0.010	-11.0798	40.0
Phenol-d5	1.909	1.808	0.010	-5.2737	25.0
Bis- (2-Chloroethyl) ether-d8	1.175	1.064	0.050	-9.4516	25.0
2-Chlorophenol-d4	1.368	1.304	0.200	-4.6393	20.0
4-Methylphenol-d8	1.590	1.451	0.010	-8.7393	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/9/2024 12:07:58

Lab File ID: BG062351.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020600 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.140	0.050	13.5492	20.0
2-Nitrophenol-d4	0.116	0.152	0.050	30.905	30.0
2,4-Dichlorophenol-d3	0.337	0.329	0.060	-2.4371	20.0
4-Chloroaniline-d4	0.489	0.421	0.010	-13.9459	40.0
Dimethylphthalate-d6	1.543	1.279	0.300	-17.1362	20.0
Acenaphthylene-d8	1.750	1.516	0.400	-13.3636	20.0
4-Nitrophenol-d4	0.216	0.207	0.010	-4.3216	40.0
Fluorene-d10	1.385	1.194	0.100	-13.8164	20.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.082	0.010	38.4301	40.0
Anthracene-d10	0.965	0.854	0.300	-11.4213	20.0
Pyrene-d10	1.189	1.020	0.300	-14.2131	25.0
Benzo(a)pyrene-d12	1.069	0.931	0.010	-12.9649	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.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/8/2024 12:09:20

Lab File ID: BG062326.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020597 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.524	0.452	0.010	-13.6221	50.0
Benzaldehyde	1.009	1.106	0.010	9.652	50.0
Pyridine	1.517	1.434	0.010	-5.4718	50.0
Phenol	2.014	2.012	0.080	-0.1151	50.0
Bis(2-Chloroethyl)ether	1.493	1.445	0.100	-3.2016	50.0
2-Chlorophenol	1.453	1.428	0.200	-1.7152	50.0
2-Methylphenol	1.519	1.497	0.010	-1.4643	50.0
2,2-oxybis(1-Chloropropane)	3.050	3.020	0.010	-0.9867	50.0
Acetophenone	2.532	2.530	0.060	-0.0682	50.0
4-Methylphenol	1.701	1.698	0.010	-0.1901	50.0
N-Nitroso-di-n-propylamine	1.346	1.362	0.050	1.2261	50.0
Hexachloroethane	0.540	0.548	0.100	1.5173	50.0
Nitrobenzene	0.351	0.398	0.050	13.5686	50.0
Isophorone	0.844	0.806	0.050	-4.4121	50.0
2-Nitrophenol	0.141	0.190	0.050	34.8974	50.0
2,4-Dimethylphenol	0.403	0.357	0.050	-11.2574	50.0
Bis(2-Chloroethoxy)methane	0.476	0.462	0.050	-2.9573	50.0
2,4-Dichlorophenol	0.342	0.360	0.060	5.4478	50.0
Naphthalene	1.137	1.089	0.200	-4.251	50.0
4-Chloroaniline	0.478	0.448	0.010	-6.2322	50.0
Hexachlorobutadiene	0.258	0.255	0.040	-1.2003	50.0
Caprolactam	0.119	0.119	0.010	-0.4812	50.0
4-Chloro-3-methylphenol	0.383	0.416	0.040	8.6548	50.0
1-Methylnaphthalene	0.811	0.834	0.100	2.7477	50.0
2-Methylnaphthalene	0.783	0.823	0.100	5.0316	50.0
Hexachlorocyclopentadiene	0.254	0.293	0.010	15.563	50.0
2,4,6-Trichlorophenol	0.379	0.397	0.090	4.7089	50.0
2,4,5-Trichlorophenol	0.408	0.433	0.100	6.1419	50.0
1,1-Biphenyl	1.515	1.437	0.200	-5.19	50.0
2-Chloronaphthalene	1.177	1.120	0.300	-4.8643	50.0
2-Nitroaniline	0.300	0.354	0.050	18.0718	50.0
Dimethylphthalate	1.548	1.396	0.300	-9.8521	50.0
2,6-Dinitrotoluene	0.211	0.267	0.080	26.1782	50.0
Acenaphthylene	1.864	1.696	0.400	-9.0126	50.0
3-Nitroaniline	0.241	0.260	0.010	8.187	50.0
Acenaphthene	1.388	1.265	0.200	-8.8858	50.0
2,4-Dinitrophenol	0.084	0.108	0.010	29.074	50.0
4-Nitrophenol	0.193	0.189	0.010	-2.0993	50.0
Dibenzofuran	1.917	1.758	0.300	-8.3339	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/8/2024 12:09:20

Lab File ID: BG062326.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020597 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.290	0.383	0.070	32.2397	50.0
Diethylphthalate	1.563	1.362	0.300	-12.8962	50.0
Fluorene	1.499	1.358	0.200	-9.4137	50.0
4-Chlorophenyl-phenylether	0.773	0.704	0.100	-8.8934	50.0
4-Nitroaniline	0.232	0.242	0.010	4.4164	50.0
4,6-Dinitro-2-methylphenol	0.068	0.098	0.010	43.8287	50.0
N-Nitrosodiphenylamine	0.599	0.568	0.050	-5.2269	50.0
1,2,4,5-Tetrachlorobenzene	0.653	0.649	0.100	-0.6159	50.0
4-Bromophenyl-phenylether	0.228	0.223	0.070	-1.9612	50.0
Hexachlorobenzene	0.265	0.248	0.050	-6.309	50.0
Atrazine	0.230	0.222	0.010	-3.4565	50.0
Pentachlorophenol	0.140	0.151	0.010	8.2818	50.0
Phenanthrene	1.126	1.035	0.200	-8.0396	50.0
Pentachlorobenzene	0.313	0.308	0.050	-1.8025	50.0
Anthracene	1.155	1.061	0.200	-8.1814	50.0
1,2,3,4-Tetrachlorobenzene	0.300	0.309	0.050	3.1529	50.0
Carbazole	0.947	0.893	0.050	-5.7824	50.0
Di-n-butylphthalate	1.127	1.074	0.500	-4.7117	50.0
Fluoranthene	1.344	1.232	0.400	-8.3563	50.0
Pyrene	1.431	1.324	0.400	-7.4731	50.0
Butylbenzylphthalate	0.494	0.476	0.100	-3.5765	50.0
3,3-Dichlorobenzidine	0.450	0.469	0.010	4.1026	50.0
Benzo (a) anthracene	1.465	1.363	0.300	-6.9153	50.0
Chrysene	1.383	1.294	0.200	-6.4132	50.0
Bis(2-ethylhexyl)phthalate	0.762	0.714	0.200	-6.308	50.0
Di-n-octyl phthalate	1.139	1.045	0.010	-8.2611	50.0
Benzo (b) fluoranthene	1.217	1.140	0.200	-6.3241	50.0
Benzo (k) fluoranthene	1.238	1.121	0.200	-9.4394	50.0
Benzo (a) pyrene	1.151	1.061	0.200	-7.8231	50.0
Indeno (1,2,3-cd) pyrene	1.492	1.363	0.200	-8.6422	50.0
Dibenzo (a,h) anthracene	1.218	1.102	0.200	-9.5605	50.0
Benzo (g,h,i) perylene	1.133	1.028	0.200	-9.2527	50.0
2,3,4,6-Tetrachlorophenol	0.367	0.386	0.040	5.0245	50.0
1,4-Dioxane-d8	0.464	0.412	0.010	-11.084	50.0
Pyridine-d5	1.459	1.388	0.010	-4.8775	50.0
Phenol-d5	1.909	1.899	0.010	-0.5346	50.0
Bis- (2-Chloroethyl) ether-d8	1.175	1.153	0.050	-1.8638	50.0
2-Chlorophenol-d4	1.368	1.372	0.200	0.2843	50.0
4-Methylphenol-d8	1.590	1.547	0.010	-2.6805	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/8/2024 12:09:20

Lab File ID: BG062326.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020597 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.155	0.050	25.3251	50.0
2-Nitrophenol-d4	0.116	0.168	0.050	44.5646	50.0
2,4-Dichlorophenol-d3	0.337	0.350	0.060	3.9967	50.0
4-Chloroaniline-d4	0.489	0.474	0.010	-3.1053	50.0
Dimethylphthalate-d6	1.543	1.372	0.300	-11.1088	50.0
Acenaphthylene-d8	1.750	1.581	0.400	-9.6349	50.0
4-Nitrophenol-d4	0.216	0.224	0.010	3.7753	50.0
Fluorene-d10	1.385	1.258	0.100	-9.1702	50.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.087	0.010	47.4257	50.0
Anthracene-d10	0.965	0.893	0.300	-7.4603	50.0
Pyrene-d10	1.189	1.096	0.300	-7.8342	50.0
Benzo(a)pyrene-d12	1.069	0.983	0.010	-8.0498	50.0

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.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/9/2024 12:16:20

Lab File ID: BG062359.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020601 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.524	0.494	0.010	-5.6349	50.0
Benzaldehyde	1.009	0.975	0.010	-3.3464	50.0
Pyridine	1.517	1.261	0.010	-16.8513	50.0
Phenol	2.014	1.661	0.080	-17.5316	50.0
Bis(2-Chloroethyl)ether	1.493	1.188	0.100	-20.4195	50.0
2-Chlorophenol	1.453	1.196	0.200	-17.6944	50.0
2-Methylphenol	1.519	1.216	0.010	-19.9377	50.0
2,2-oxybis(1-Chloropropane)	3.050	2.508	0.010	-17.7559	50.0
Acetophenone	2.532	2.048	0.060	-19.1142	50.0
4-Methylphenol	1.701	1.347	0.010	-20.8149	50.0
N-Nitroso-di-n-propylamine	1.346	1.122	0.050	-16.6182	50.0
Hexachloroethane	0.540	0.461	0.100	-14.5703	50.0
Nitrobenzene	0.351	0.334	0.050	-4.8557	50.0
Isophorone	0.844	0.695	0.050	-17.5751	50.0
2-Nitrophenol	0.141	0.148	0.050	5.5001	50.0
2,4-Dimethylphenol	0.403	0.292	0.050	-27.538	50.0
Bis(2-Chloroethoxy)methane	0.476	0.388	0.050	-18.5323	50.0
2,4-Dichlorophenol	0.342	0.302	0.060	-11.4775	50.0
Naphthalene	1.137	0.939	0.200	-17.3966	50.0
4-Chloroaniline	0.478	0.399	0.010	-16.4472	50.0
Hexachlorobutadiene	0.258	0.212	0.040	-17.9987	50.0
Caprolactam	0.119	0.107	0.010	-10.459	50.0
4-Chloro-3-methylphenol	0.383	0.337	0.040	-12.0492	50.0
1-Methylnaphthalene	0.811	0.665	0.100	-18.1002	50.0
2-Methylnaphthalene	0.783	0.682	0.100	-12.8593	50.0
Hexachlorocyclopentadiene	0.254	0.269	0.010	6.0314	50.0
2,4,6-Trichlorophenol	0.379	0.318	0.090	-16.1234	50.0
2,4,5-Trichlorophenol	0.408	0.353	0.100	-13.5729	50.0
1,1-Biphenyl	1.515	1.265	0.200	-16.5225	50.0
2-Chloronaphthalene	1.177	0.968	0.300	-17.8119	50.0
2-Nitroaniline	0.300	0.306	0.050	2.0	50.0
Dimethylphthalate	1.548	1.267	0.300	-18.1411	50.0
2,6-Dinitrotoluene	0.211	0.225	0.080	6.5556	50.0
Acenaphthylene	1.864	1.495	0.400	-19.7853	50.0
3-Nitroaniline	0.241	0.233	0.010	-3.0836	50.0
Acenaphthene	1.388	1.116	0.200	-19.6218	50.0
2,4-Dinitrophenol	0.084	0.127	0.010	51.4	50.0
4-Nitrophenol	0.193	0.187	0.010	-3.0247	50.0
Dibenzofuran	1.917	1.590	0.300	-17.0801	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/9/2024 12:16:20

Lab File ID: BG062359.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020601 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.290	0.336	0.070	15.7606	50.0
Diethylphthalate	1.563	1.257	0.300	-19.567	50.0
Fluorene	1.499	1.243	0.200	-17.0936	50.0
4-Chlorophenyl-phenylether	0.773	0.637	0.100	-17.6044	50.0
4-Nitroaniline	0.232	0.228	0.010	-1.7485	50.0
4,6-Dinitro-2-methylphenol	0.068	0.091	0.010	33.1829	50.0
N-Nitrosodiphenylamine	0.599	0.489	0.050	-18.3327	50.0
1,2,4,5-Tetrachlorobenzene	0.653	0.519	0.100	-20.4773	50.0
4-Bromophenyl-phenylether	0.228	0.192	0.070	-15.5633	50.0
Hexachlorobenzene	0.265	0.215	0.050	-19.0771	50.0
Atrazine	0.230	0.202	0.010	-12.0869	50.0
Pentachlorophenol	0.140	0.142	0.010	1.7667	50.0
Phenanthrene	1.126	0.908	0.200	-19.3179	50.0
Pentachlorobenzene	0.313	0.255	0.050	-18.7395	50.0
Anthracene	1.155	0.951	0.200	-17.7271	50.0
1,2,3,4-Tetrachlorobenzene	0.300	0.246	0.050	-17.9467	50.0
Carbazole	0.947	0.795	0.050	-16.0583	50.0
Di-n-butylphthalate	1.127	0.991	0.500	-12.0855	50.0
Fluoranthene	1.344	1.104	0.400	-17.8686	50.0
Pyrene	1.431	1.165	0.400	-18.6072	50.0
Butylbenzylphthalate	0.494	0.446	0.100	-9.6927	50.0
3,3-Dichlorobenzidine	0.450	0.374	0.010	-16.8772	50.0
Benzo (a) anthracene	1.465	1.199	0.300	-18.1366	50.0
Chrysene	1.383	1.130	0.200	-18.3084	50.0
Bis(2-ethylhexyl)phthalate	0.762	0.664	0.200	-12.8594	50.0
Di-n-octyl phthalate	1.139	0.995	0.010	-12.6744	50.0
Benzo (b) fluoranthene	1.217	1.011	0.200	-16.8957	50.0
Benzo (k) fluoranthene	1.238	0.995	0.200	-19.64	50.0
Benzo (a) pyrene	1.151	0.931	0.200	-19.1646	50.0
Indeno (1,2,3-cd) pyrene	1.492	1.238	0.200	-17.017	50.0
Dibenzo (a,h) anthracene	1.218	1.002	0.200	-17.7453	50.0
Benzo (g,h,i) perylene	1.133	0.943	0.200	-16.7806	50.0
2,3,4,6-Tetrachlorophenol	0.367	0.359	0.040	-2.2337	50.0
1,4-Dioxane-d8	0.464	0.505	0.010	8.8177	50.0
Pyridine-d5	1.459	1.229	0.010	-15.8014	50.0
Phenol-d5	1.909	1.554	0.010	-18.5787	50.0
Bis- (2-Chloroethyl) ether-d8	1.175	0.975	0.050	-17.0422	50.0
2-Chlorophenol-d4	1.368	1.131	0.200	-17.3301	50.0
4-Methylphenol-d8	1.590	1.271	0.010	-20.0468	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA_G Calibration Date/Time: 8/9/2024 12:16:20

Lab File ID: BG062359.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020601 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.125	0.050	1.2593	50.0
2-Nitrophenol-d4	0.116	0.134	0.050	15.5834	50.0
2,4-Dichlorophenol-d3	0.337	0.297	0.060	-11.7575	50.0
4-Chloroaniline-d4	0.489	0.409	0.010	-16.2352	50.0
Dimethylphthalate-d6	1.543	1.261	0.300	-18.2552	50.0
Acenaphthylene-d8	1.750	1.409	0.400	-19.4863	50.0
4-Nitrophenol-d4	0.216	0.217	0.010	0.6349	50.0
Fluorene-d10	1.385	1.136	0.100	-18.003	50.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.081	0.010	36.0211	50.0
Anthracene-d10	0.965	0.783	0.300	-18.7997	50.0
Pyrene-d10	1.189	0.974	0.300	-18.0345	50.0
Benzo(a)pyrene-d12	1.069	0.877	0.010	-17.9826	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG080824
Lab Sample ID:	PB162446BL	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
BG062313.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG080824
Lab Sample ID:	PB162446BL	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
BG062313.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG080824
Lab Sample ID:	PB162446BL	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
BG062313.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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	5.398		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	24.37		20-120		61	SPK: -40
4165-62-2	Phenol-d5	26.597		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.555		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.93		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.576		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	32.796		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.986		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.44		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.788		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.07		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.315		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.044		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	25.62		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK446	SDG No.:	BG080824
Lab Sample ID:	PB162446BL	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
BG062313.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.583		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	26.733		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	26.768		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.205		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60872	7.961				
1146-65-2	Naphthalene-d8	279657	10.751				
15067-26-2	Acenaphthene-d10	229487	14.576				
1517-22-2	Phenanthrene-d10	483647	17.313				
1719-03-5	Chrysene-d12	476843	21.554				
1520-96-3	Perylene-d12	556069	24.644				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062314.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062314.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062314.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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	4.289		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	22.591		20-120		56	SPK: -40
4165-62-2	Phenol-d5	22.679		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.878		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.681		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	20.311		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	29.745		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.627		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.718		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.308		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.226		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.966		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.64		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	25.242		25-125		63	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062314.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.178		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	26.708		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	27.812		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.015		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	13744	7.963				
1146-65-2	Naphthalene-d8	52074	10.753				
15067-26-2	Acenaphthene-d10	35186	14.572				
1517-22-2	Phenanthrene-d10	71675	17.315				
1719-03-5	Chrysene-d12	71384	21.55				
1520-96-3	Perylene-d12	74156	24.634				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T8	SDG No.:	BG080824
Lab Sample ID:	P3437-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062315.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	0.83	U	0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T8	SDG No.:	BG080824
Lab Sample ID:	P3437-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062315.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	0.98	U	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T8	SDG No.:	BG080824
Lab Sample ID:	P3437-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062315.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.651		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	15.224		20-120		38	SPK: -40
4165-62-2	Phenol-d5	15.311		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.711		25-120		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.344		20-130		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.532		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	25.628		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.285		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.87		20-120		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.505		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.148		25-130		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.195		10-130		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.407		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	21.548		25-125		54	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T8	SDG No.:	BG080824
Lab Sample ID:	P3437-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062315.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.201		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	22.713		25-130		57	SPK: -40
1718-52-1	Pyrene-d10	22.904		15-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.366		20-130		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56877	7.958				
1146-65-2	Naphthalene-d8	269439	10.748				
15067-26-2	Acenaphthene-d10	219848	14.578				
1517-22-2	Phenanthrene-d10	472370	17.315				
1719-03-5	Chrysene-d12	472445	21.551				
1520-96-3	Perylene-d12	547821	24.647				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.8	J			11.482	
	unknown-01	18	J			14.801	
E966796	Total Alkanes	1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T9	SDG No.:	BG080824
Lab Sample ID:	P3437-02	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
BG062316.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T9	SDG No.:	BG080824
Lab Sample ID:	P3437-02	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
BG062316.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T9	SDG No.:	BG080824
Lab Sample ID:	P3437-02	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
BG062316.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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	4.046		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	11.086		20-120		28	SPK: -40
4165-62-2	Phenol-d5	12.267		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.93		25-120		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.191		20-130		33	SPK: -40
190780-66-6	4-Methylphenol-d8	12.451		25-125		31	SPK: -40
4165-60-0	Nitrobenzene-d5	15.697		20-125		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.695		20-130		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.661		20-120		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.947		1-146		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.572		25-130		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.692		10-130		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.164		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	12.819		25-125		32	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T9	SDG No.:	BG080824
Lab Sample ID:	P3437-02	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
BG062316.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.695		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	13.333		25-130		33	SPK: -40
1718-52-1	Pyrene-d10	13.321		15-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.134		20-130		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68948	7.958				
1146-65-2	Naphthalene-d8	317005	10.749				
15067-26-2	Acenaphthene-d10	263337	14.573				
1517-22-2	Phenanthrene-d10	562019	17.316				
1719-03-5	Chrysene-d12	559000	21.552				
1520-96-3	Perylene-d12	648089	24.642				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W2	SDG No.:	BG080824
Lab Sample ID:	P3437-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062317.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W2	SDG No.:	BG080824
Lab Sample ID:	P3437-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062317.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W2	SDG No.:	BG080824
Lab Sample ID:	P3437-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062317.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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	4.36		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	8.939		20-120		22	SPK: -40
4165-62-2	Phenol-d5	8.166		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.872		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.12		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	17.788		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	27.633		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.654		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.38		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.303		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.663		25-130		59	SPK: -40
93951-97-4	Acenaphthylene-d8	22.909		10-130		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.348		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	23.586		25-125		59	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W2	SDG No.:	BG080824
Lab Sample ID:	P3437-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062317.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.024		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	24.592		25-130		61	SPK: -40
1718-52-1	Pyrene-d10	25.349		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.916		20-130		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57987	7.96				
1146-65-2	Naphthalene-d8	267542	10.75				
15067-26-2	Acenaphthene-d10	213783	14.574				
1517-22-2	Phenanthrene-d10	457164	17.312				
1719-03-5	Chrysene-d12	449779	21.553				
1520-96-3	Perylene-d12	522729	24.637				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	2.3	J			3.683	
000770-35-4	1-Phenoxypropan-2-ol	4.9	J			11.485	
	unknown-02	20	J			14.804	
000057-10-3	n-Hexadecanoic acid	5.9	J			18.217	
	(DEL) Alkane: Straight-Chain21.230	3.7	J			21.23	
007683-64-9	Supraene	2.4	J			23.227	
E966796	Total Alkanes	3.7				99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W4	SDG No.:	BG080824
Lab Sample ID:	P3437-04	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
BG062318.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W4	SDG No.:	BG080824
Lab Sample ID:	P3437-04	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
BG062318.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W4	SDG No.:	BG080824
Lab Sample ID:	P3437-04	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
BG062318.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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	3.801		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	8.514		20-120		21	SPK: -40
4165-62-2	Phenol-d5	6.865		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.291		25-120		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.381		20-130		48	SPK: -40
190780-66-6	4-Methylphenol-d8	15.239		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	23.373		20-125		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.516		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.791		20-120		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.435		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.027		25-130		53	SPK: -40
93951-97-4	Acenaphthylene-d8	19.682		10-130		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.239		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	21.106		25-125		53	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W4	SDG No.:	BG080824
Lab Sample ID:	P3437-04	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
BG062318.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.842		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	22.773		25-130		57	SPK: -40
1718-52-1	Pyrene-d10	23.507		15-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.876		20-130		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72641	7.958				
1146-65-2	Naphthalene-d8	333768	10.754				
15067-26-2	Acenaphthene-d10	270827	14.573				
1517-22-2	Phenanthrene-d10	569869	17.316				
1719-03-5	Chrysene-d12	553493	21.551				
1520-96-3	Perylene-d12	637643	24.647				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	2.9	J			3.681	
000770-35-4	1-Phenoxypropan-2-ol	4.8	J			11.483	
	unknown-01	16	J			14.808	
000057-10-3	n-Hexadecanoic acid	7.9	J			18.221	
001002-84-2	Pentadecanoic acid	2.6	J			19.49	
	(DEL) Alkane: Straight-Chain21.234	4.3	J			21.234	
007683-64-9	Supraene	3	J			23.232	
E966796	Total Alkanes	4.3				99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W5	SDG No.:	BG080824
Lab Sample ID:	P3437-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062319.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W5	SDG No.:	BG080824
Lab Sample ID:	P3437-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062319.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W5	SDG No.:	BG080824
Lab Sample ID:	P3437-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062319.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

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	3.763		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	5.359	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	8.305		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.73		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.621		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	17.035		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	30.949		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.696		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.959		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.565		1-146		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.668		25-130		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.196		10-130		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.216		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	25.443		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W5	SDG No.:	BG080824
Lab Sample ID:	P3437-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062319.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.325		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	27.711		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	29.265		15-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.333		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66261	7.958				
1146-65-2	Naphthalene-d8	304225	10.754				
15067-26-2	Acenaphthene-d10	250975	14.578				
1517-22-2	Phenanthrene-d10	527006	17.315				
1719-03-5	Chrysene-d12	511306	21.551				
1520-96-3	Perylene-d12	598240	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	7.2	J			18.22	
000645-72-7	1-Hexadecanol, 3,7,11,15-tetrameth	2.7	J			19.019	
000057-11-4	Octadecanoic acid	3.1	J			19.489	
1000282-98-2	Dichloroacetic acid, heptadecyl es	2.3	J			21.234	
1000426-96-0	(4E,8E,13E)-1-(2-Hydroxyethyl)-1,5	2.3	J			22.526	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	3	J			22.72	
1000377-93-5	Phthalic acid, di(2-propylpentyl)	8.7	J			23.231	
	unknown-01	2.7	J			30.039	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X9	SDG No.:	BG080824
Lab Sample ID:	P3437-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062320.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	0.83	U	0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	2.5	J	0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	J	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X9	SDG No.:	BG080824
Lab Sample ID:	P3437-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062320.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.6	J	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	0.98	U	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X9	SDG No.:	BG080824
Lab Sample ID:	P3437-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062320.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.453		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	9.327		20-120		23	SPK: -40
4165-62-2	Phenol-d5	8.326		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.275		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.553		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	16.473		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	27.508		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.114		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.679		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.586		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.453		25-130		61	SPK: -40
93951-97-4	Acenaphthylene-d8	22.887		10-130		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.95		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	24.96		25-125		62	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X9	SDG No.:	BG080824
Lab Sample ID:	P3437-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062320.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.551		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	25.601		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	26.982		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.248		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52835	7.961				
1146-65-2	Naphthalene-d8	243136	10.751				
15067-26-2	Acenaphthene-d10	198362	14.576				
1517-22-2	Phenanthrene-d10	441042	17.313				
1719-03-5	Chrysene-d12	429566	21.554				
1520-96-3	Perylene-d12	500645	24.638				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	5.9	J			11.486	
000134-62-3	Diethyltoluamide	17	J			15.316	
000057-10-3	n-Hexadecanoic acid	10	J			18.218	
000057-11-4	Octadecanoic acid	2.4	J			19.486	
	(DEL) Alkane: Cyclic21.231	6.4	J			21.231	
	unknown-01	3.3	J			22.659	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	2.2	J			22.717	
	unknown-02	3.8	J			23.229	
	unknown-03	3.1	J			30.031	
E966796	Total Alkanes	6.4				99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7	SDG No.:	BG080824
Lab Sample ID:	P3437-06	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
BG062321.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7	SDG No.:	BG080824
Lab Sample ID:	P3437-06	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
BG062321.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7	SDG No.:	BG080824
Lab Sample ID:	P3437-06	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
BG062321.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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	3.177		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	7.54	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	6.215		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.817		25-120		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.997		20-130		35	SPK: -40
190780-66-6	4-Methylphenol-d8	11.66		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	15		20-125		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.478		20-130		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.24		20-120		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.216		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.77		25-130		32	SPK: -40
93951-97-4	Acenaphthylene-d8	11.902		10-130		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.923		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	12.496		25-125		31	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7	SDG No.:	BG080824
Lab Sample ID:	P3437-06	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
BG062321.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.477		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	13.973		25-130		35	SPK: -40
1718-52-1	Pyrene-d10	14.478		15-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.519		20-130		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66749	7.956				
1146-65-2	Naphthalene-d8	308939	10.752				
15067-26-2	Acenaphthene-d10	242338	14.576				
1517-22-2	Phenanthrene-d10	512665	17.314				
1719-03-5	Chrysene-d12	496541	21.555				
1520-96-3	Perylene-d12	572188	24.639				
TENTATIVE IDENTIFIED COMPOUNDS							
001119-40-0	Pentanedioic acid, dimethyl ester	2.1	J			9.671	
006180-61-6	1-Propanol, 3-phenoxy-	6.4	J			11.486	
	unknown-01	15	J			14.805	
000057-10-3	n-Hexadecanoic acid	8.9	J			18.218	
000057-11-4	Octadecanoic acid	2.7	J			19.487	
079392-43-1	Octadecyl trifluoroacetate	7.5	J			21.232	
007683-64-9	Supraene	2.1	J			23.229	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MS	SDG No.:	BG080824
Lab Sample ID:	P3437-07MS	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
BG062322.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.2		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	15		2.3	5	10	ug/L
110-86-1	Pyridine	9.4	J	2.2	10	10	ug/L
108-95-2	Phenol	6	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	13		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	14		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	13		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	12		1.2	5	10	ug/L
98-86-2	Acetophenone	13		0.89	5	10	ug/L
106-44-5	4-Methylphenol	12		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	13		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	13		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	15		0.99	2.5	5	ug/L
78-59-1	Isophorone	13		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	17		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	14		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	13		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	15		0.93	2.5	5	ug/L
91-20-3	Naphthalene	13		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	12		0.98	2.5	5	ug/L
105-60-2	Caprolactam	4.5	J	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	17		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	13		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	14		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	15		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	16		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MS	SDG No.:	BG080824
Lab Sample ID:	P3437-07MS	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
BG062322.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	13		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	13		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	19		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	14		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	18		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	13		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	24		1.5	5	10	ug/L
83-32-9	Acenaphthene	13		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	19		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	7.5	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	13		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	19		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	13		0.87	2.5	5	ug/L
86-73-7	Fluorene	13		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	14		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	22		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	21		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	14		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	14		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	14		0.56	2.5	5	ug/L
1912-24-9	Atrazine	14		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	16		2.5	5	10	ug/L
85-01-8	Phenanthrene	14		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	13		1.2	2.5	5	ug/L
120-12-7	Anthracene	14		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	14		0.92	2.5	5	ug/L
86-74-8	Carbazole	15		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	15		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	14		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MS	SDG No.:	BG080824
Lab Sample ID:	P3437-07MS	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
BG062322.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	14		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	15		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	11		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	14		0.56	2.5	5	ug/L
218-01-9	Chrysene	14		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	15		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	14		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	14		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	13		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	14		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	14		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	16		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.75		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	9.719		20-120		24	SPK: -40
4165-62-2	Phenol-d5	5.885		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.329		25-120		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.054		20-130		38	SPK: -40
190780-66-6	4-Methylphenol-d8	11.587		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	17.148		20-125		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.861		20-130		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.29		20-120		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.65		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.296		25-130		36	SPK: -40
93951-97-4	Acenaphthylene-d8	13.413		10-130		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.86		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	13.881		25-125		35	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MS	SDG No.:	BG080824
Lab Sample ID:	P3437-07MS	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
BG062322.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.36		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	14.544		25-130		36	SPK: -40
1718-52-1	Pyrene-d10	14.858		15-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.648		20-130		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70837	7.956				
1146-65-2	Naphthalene-d8	316777	10.752				
15067-26-2	Acenaphthene-d10	244148	14.576				
1517-22-2	Phenanthrene-d10	521039	17.314				
1719-03-5	Chrysene-d12	513905	21.555				
1520-96-3	Perylene-d12	592908	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MSD	SDG No.:	BG080824
Lab Sample ID:	P3437-08MSD	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
BG062323.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.1		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	17		2.3	5	10	ug/L
110-86-1	Pyridine	11		2.2	10	10	ug/L
108-95-2	Phenol	6.9	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	15		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	16		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	15		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14		1.2	5	10	ug/L
98-86-2	Acetophenone	15		0.89	5	10	ug/L
106-44-5	4-Methylphenol	14		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	15		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	15		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	17		0.99	2.5	5	ug/L
78-59-1	Isophorone	15		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	19		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	16		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	17		0.93	2.5	5	ug/L
91-20-3	Naphthalene	14		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	13		0.98	2.5	5	ug/L
105-60-2	Caprolactam	4.8	J	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	19		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	15		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	15		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	13		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	17		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	18		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MSD	SDG No.:	BG080824
Lab Sample ID:	P3437-08MSD	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
BG062323.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	15		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	15		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	21		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	15		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	20		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	14		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	27		1.5	5	10	ug/L
83-32-9	Acenaphthene	14		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	22		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	8.4	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	15		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	22		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	15		0.87	2.5	5	ug/L
86-73-7	Fluorene	15		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	15		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	25		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	16		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	15		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	16		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	16		0.56	2.5	5	ug/L
1912-24-9	Atrazine	16		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	18		2.5	5	10	ug/L
85-01-8	Phenanthrene	16		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	15		1.2	2.5	5	ug/L
120-12-7	Anthracene	15		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	15		0.92	2.5	5	ug/L
86-74-8	Carbazole	16		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	17		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	16		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MSD	SDG No.:	BG080824
Lab Sample ID:	P3437-08MSD	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
BG062323.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	16		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	17		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	12		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	16		0.56	2.5	5	ug/L
218-01-9	Chrysene	16		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	17		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	16		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	16		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	16		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	15		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	15		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	15		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	16		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	17		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.011		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	10.503		20-120		26	SPK: -40
4165-62-2	Phenol-d5	6.534		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.283		25-120		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.421		20-130		44	SPK: -40
190780-66-6	4-Methylphenol-d8	13.674		25-125		34	SPK: -40
4165-60-0	Nitrobenzene-d5	19.584		20-125		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.235		20-130		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.19		20-120		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.89		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.795		25-130		39	SPK: -40
93951-97-4	Acenaphthylene-d8	14.952		10-130		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.637		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	15.364		25-125		38	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05W7MSD	SDG No.:	BG080824
Lab Sample ID:	P3437-08MSD	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
BG062323.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.393		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	16.189		25-130		40	SPK: -40
1718-52-1	Pyrene-d10	16.568		15-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.603		20-130		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59939	7.957				
1146-65-2	Naphthalene-d8	276507	10.748				
15067-26-2	Acenaphthene-d10	214428	14.578				
1517-22-2	Phenanthrene-d10	454270	17.315				
1719-03-5	Chrysene-d12	448651	21.557				
1520-96-3	Perylene-d12	517567	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS446	SDG No.:	BG080824
Lab Sample ID:	PB162446BS	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
BG062324.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.1		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	27		2.3	5	10	ug/L
110-86-1	Pyridine	25		2.2	10	10	ug/L
108-95-2	Phenol	28		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	27		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.2	5	10	ug/L
98-86-2	Acetophenone	27		0.89	5	10	ug/L
106-44-5	4-Methylphenol	28		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	33		0.99	2.5	5	ug/L
78-59-1	Isophorone	27		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	38		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	23		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		0.93	2.5	5	ug/L
91-20-3	Naphthalene	27		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	23		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		0.98	2.5	5	ug/L
105-60-2	Caprolactam	29		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	30		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS446	SDG No.:	BG080824
Lab Sample ID:	PB162446BS	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
BG062324.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		1.5	5	10	ug/L
83-32-9	Acenaphthene	26		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	42		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	29		1.4	5	10	ug/L
132-64-9	Dibenzofuran	27		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	40		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	26		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	35		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		0.56	2.5	5	ug/L
1912-24-9	Atrazine	2.9	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	25		2.5	5	10	ug/L
85-01-8	Phenanthrene	27		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		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	29		0.92	2.5	5	ug/L
86-74-8	Carbazole	28		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	27		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS446	SDG No.:	BG080824
Lab Sample ID:	PB162446BS	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
BG062324.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	29		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		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	28		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	29		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	27		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	28		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	26		1	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	24.32		20-120		61	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.495		15-120		69	SPK: -8
4165-62-2	Phenol-d5	28.403		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.617		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.041		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.798		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	34.789		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.457		20-130		104	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.897		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.436		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.737		25-130		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.109		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.785		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	26.404		25-125		66	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS446	SDG No.:	BG080824
Lab Sample ID:	PB162446BS	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
BG062324.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162446

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	46.832		10-130		117	SPK: -40
1719-06-8	Anthracene-d10	26.966		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	27.074		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.034		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69653	7.96				
1146-65-2	Naphthalene-d8	326631	10.75				
15067-26-2	Acenaphthene-d10	255269	14.575				
1517-22-2	Phenanthrene-d10	542768	17.318				
1719-03-5	Chrysene-d12	540182	21.559				
1520-96-3	Perylene-d12	616474	24.643				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS305	SDG No.:	BG080824
Lab Sample ID:	PB162305BS	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
BG062325.D	1	7/25/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.4		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	27		2.3	5	10	ug/L
110-86-1	Pyridine	24		2.2	10	10	ug/L
108-95-2	Phenol	28		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	27		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27		1.2	5	10	ug/L
98-86-2	Acetophenone	27		0.89	5	10	ug/L
106-44-5	4-Methylphenol	28		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	28		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	32		0.99	2.5	5	ug/L
78-59-1	Isophorone	27		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	37		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	21		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		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	27		0.98	2.5	5	ug/L
105-60-2	Caprolactam	28		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	29		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS305	SDG No.:	BG080824
Lab Sample ID:	PB162305BS	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
BG062325.D	1	7/25/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	38		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	32		1.5	5	10	ug/L
83-32-9	Acenaphthene	26		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	43		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	29		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	40		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	25		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	35		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	28		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		0.56	2.5	5	ug/L
1912-24-9	Atrazine	2.6	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	24		2.5	5	10	ug/L
85-01-8	Phenanthrene	28		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		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	29		0.92	2.5	5	ug/L
86-74-8	Carbazole	28		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	28		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS305	SDG No.:	BG080824
Lab Sample ID:	PB162305BS	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
BG062325.D	1	7/25/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162305

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	29		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	28		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	29		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	28		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	27		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	28		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	25		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.455		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	23.063		20-120		58	SPK: -40
4165-62-2	Phenol-d5	28.445		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.512		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.738		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.377		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	34.418		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.254		20-130		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.821		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.176		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.979		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.36		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.647		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	26.658		25-125		67	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SLCS305	SDG No.:	BG080824
Lab Sample ID:	PB162305BS	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
BG062325.D	1	7/25/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	48.211		10-130		121	SPK: -40
1719-06-8	Anthracene-d10	26.589		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	27.683		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.354		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69613	7.959				
1146-65-2	Naphthalene-d8	325891	10.749				
15067-26-2	Acenaphthene-d10	252609	14.574				
1517-22-2	Phenanthrene-d10	525666	17.317				
1719-03-5	Chrysene-d12	514596	21.558				
1520-96-3	Perylene-d12	582714	24.642				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK451	SDG No.:	BG080824
Lab Sample ID:	PB162451BL	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
BG062329.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK451	SDG No.:	BG080824
Lab Sample ID:	PB162451BL	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
BG062329.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK451	SDG No.:	BG080824
Lab Sample ID:	PB162451BL	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
BG062329.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

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	5.673		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	28.034		20-120		70	SPK: -40
4165-62-2	Phenol-d5	29.055		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.837		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.118		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.823		25-125		72	SPK: -40
4165-60-0	Nitrobenzene-d5	36.423		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.376		20-130		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.635		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.358		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.865		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.277		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.987		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	28.714		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK451	SDG No.:	BG080824
Lab Sample ID:	PB162451BL	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
BG062329.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.57		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	28.765		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	28.879		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.618		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60889	7.959				
1146-65-2	Naphthalene-d8	279358	10.749				
15067-26-2	Acenaphthene-d10	229702	14.573				
1517-22-2	Phenanthrene-d10	503295	17.317				
1719-03-5	Chrysene-d12	509014	21.552				
1520-96-3	Perylene-d12	596020	24.642				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	24.742	2.4	J		24.742	
	(DEL) Alkane: Straight-Chain	25.828	2.8	J		25.828	
	(DEL) Alkane: Straight-Chain	27.139	2.9	J		27.139	
	(DEL) Alkane: Straight-Chain	28.725	2.6	J		28.725	
	(DEL) Alkane: Straight-Chain	30.628	2.2	J		30.628	
E966796	Total Alkanes	13				99	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062330.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062330.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062330.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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	5.087		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	25.646		20-120		64	SPK: -40
4165-62-2	Phenol-d5	26.964		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.763		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.724		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	26.813		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	32.67		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.252		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.701		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.68		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.349		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.487		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.466		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	26.099		25-125		65	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062330.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.661		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	26.994		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	26.838		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.462		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53586	7.958				
1146-65-2	Naphthalene-d8	248517	10.754				
15067-26-2	Acenaphthene-d10	215614	14.573				
1517-22-2	Phenanthrene-d10	468467	17.31				
1719-03-5	Chrysene-d12	474320	21.552				
1520-96-3	Perylene-d12	555689	24.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X2	SDG No.:	BG080824
Lab Sample ID:	P3437-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062331.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	0.83	U	0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X2	SDG No.:	BG080824
Lab Sample ID:	P3437-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062331.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	0.98	U	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X2	SDG No.:	BG080824
Lab Sample ID:	P3437-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062331.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.503		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	5.918	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	6.354		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.24		25-120		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.656		20-130		47	SPK: -40
190780-66-6	4-Methylphenol-d8	12.985		25-125		32	SPK: -40
4165-60-0	Nitrobenzene-d5	22.836		20-125		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.436		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.653		20-120		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.577		1-146		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.562		25-130		49	SPK: -40
93951-97-4	Acenaphthylene-d8	18.414		10-130		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.155		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	19.445		25-125		49	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X2	SDG No.:	BG080824
Lab Sample ID:	P3437-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BG062331.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.72		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	21.122		25-130		53	SPK: -40
1718-52-1	Pyrene-d10	22.761		15-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.939		20-130		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71545	7.958				
1146-65-2	Naphthalene-d8	344671	10.748				
15067-26-2	Acenaphthene-d10	272748	14.573				
1517-22-2	Phenanthrene-d10	562422	17.31				
1719-03-5	Chrysene-d12	554776	21.551				
1520-96-3	Perylene-d12	620727	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	4.5	J			3.681	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	4.6	J			7.547	
000770-35-4	1-Phenoxypropan-2-ol	11	J			11.483	
	unknown-01	79	J			14.808	
000057-10-3	n-Hexadecanoic acid	13	J			18.215	
000057-11-4	Octadecanoic acid	2.8	J			19.484	
	(DEL) Alkane: Straight-Chain	21.228	J			21.228	
007683-64-9	Supraene	2.5	J			23.22	
E966796	Total Alkanes	7.7				99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X4	SDG No.:	BG080824
Lab Sample ID:	P3437-10	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
BG062332.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X4	SDG No.:	BG080824
Lab Sample ID:	P3437-10	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
BG062332.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X4	SDG No.:	BG080824
Lab Sample ID:	P3437-10	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
BG062332.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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	4.341		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	9.125		20-120		23	SPK: -40
4165-62-2	Phenol-d5	9.31		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.952		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.391		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	21.482		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	38.984		20-125		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.969		20-130		112	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.804		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.663		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.25		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.441		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.512		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	32.119		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X4	SDG No.:	BG080824
Lab Sample ID:	P3437-10	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
BG062332.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	49.136		10-130		123	SPK: -40
1719-06-8	Anthracene-d10	32.215		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	34.06		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.772		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70348	7.959				
1146-65-2	Naphthalene-d8	340748	10.749				
15067-26-2	Acenaphthene-d10	261167	14.573				
1517-22-2	Phenanthrene-d10	550847	17.311				
1719-03-5	Chrysene-d12	538662	21.552				
1520-96-3	Perylene-d12	628310	24.636				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	2.4	J			8.017	
000134-62-3	Diethyltoluamide	2	J			15.313	
000057-10-3	n-Hexadecanoic acid	4.5	J			18.215	
	(DEL) Alkane: Straight-Chain	21.229	J			21.229	
	(DEL) Alkane: Cyclic	22.374	J			22.374	
	(DEL) Alkane: Straight-Chain	23.820	J			23.82	
	(DEL) Alkane: Straight-Chain	25.828	J			25.828	
007494-34-0	26-Nor-5-cholesten-3.beta.-ol-25-o	2.3	J			26.774	
E966796	Total Alkanes	14				99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X6	SDG No.:	BG080824
Lab Sample ID:	P3437-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062333.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X6	SDG No.:	BG080824
Lab Sample ID:	P3437-11	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
BG062333.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X6	SDG No.:	BG080824
Lab Sample ID:	P3437-11	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
BG062333.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

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	3.375		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	3.69	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	7.854		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.182		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.516		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	17.018		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	27.694		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.456		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.653		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.465		1-146		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.927		25-130		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.12		10-130		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.512		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	22.997		25-125		57	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05X6	SDG No.:	BG080824
Lab Sample ID:	P3437-11	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
BG062333.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.586		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	23.429		25-130		59	SPK: -40
1718-52-1	Pyrene-d10	24.311		15-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.976		20-130		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79189	7.954				
1146-65-2	Naphthalene-d8	376532	10.75				
15067-26-2	Acenaphthene-d10	288474	14.574				
1517-22-2	Phenanthrene-d10	602842	17.312				
1719-03-5	Chrysene-d12	587583	21.553				
1520-96-3	Perylene-d12	690330	24.637				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	3	J			3.677	
000065-85-0	Benzoic acid	3.3	J			9.986	
000770-35-4	1-Phenoxypropan-2-ol	5.3	J			11.484	
000057-10-3	n-Hexadecanoic acid	8.2	J			18.217	
000057-11-4	Octadecanoic acid	2.2	J			19.485	
	(DEL) Alkane: Cyclic21.230	5.5	J			21.23	
E966796	Total Alkanes	5.5				99	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS451	SDG No.:	BG080824
Lab Sample ID:	PB162451BS	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
BG062334.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.5		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	25		2.3	5	10	ug/L
110-86-1	Pyridine	23		2.2	10	10	ug/L
108-95-2	Phenol	26		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	27		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)	26		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	26		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	31		0.99	2.5	5	ug/L
78-59-1	Isophorone	26		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	35		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	20		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	27		0.93	2.5	5	ug/L
91-20-3	Naphthalene	26		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		0.98	2.5	5	ug/L
105-60-2	Caprolactam	26		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	27		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	26		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS451	SDG No.:	BG080824
Lab Sample ID:	PB162451BS	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
BG062334.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	34		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	32		1.5	5	10	ug/L
83-32-9	Acenaphthene	25		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	45		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	29		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	39		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	25		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	35		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		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	2.2	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	24		2.5	5	10	ug/L
85-01-8	Phenanthrene	27		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.2	2.5	5	ug/L
120-12-7	Anthracene	26		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		0.92	2.5	5	ug/L
86-74-8	Carbazole	27		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	27		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	27		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS451	SDG No.:	BG080824
Lab Sample ID:	PB162451BS	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
BG062334.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	26		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	29		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	29		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		0.56	2.5	5	ug/L
218-01-9	Chrysene	27		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	28		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	27		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	28		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	24		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.772		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	22.171		20-120		55	SPK: -40
4165-62-2	Phenol-d5	26.283		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.835		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.111		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.717		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	33.413		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.402		20-130		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.935		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.649		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.151		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.27		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.499		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	26.016		25-125		65	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS451	SDG No.:	BG080824
Lab Sample ID:	PB162451BS	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
BG062334.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	47.707		10-130		119	SPK: -40
1719-06-8	Anthracene-d10	25.545		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	26.406		15-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.451		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77225	7.96				
1146-65-2	Naphthalene-d8	359675	10.75				
15067-26-2	Acenaphthene-d10	275563	14.574				
1517-22-2	Phenanthrene-d10	585075	17.312				
1719-03-5	Chrysene-d12	568158	21.553				
1520-96-3	Perylene-d12	641939	24.643				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GF7	SDG No.:	BG080824
Lab Sample ID:	P3401-11	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
BG062335.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

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	2.1	J	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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GF7	SDG No.:	BG080824
Lab Sample ID:	P3401-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062335.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GF7	SDG No.:	BG080824
Lab Sample ID:	P3401-11	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
BG062335.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

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	4.084		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	0.7	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	7.463		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.462		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.286		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	17.933		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	37.476		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.678		20-130		112	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.274		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.168	*	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.968		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	25.562		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.23		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	29.257		25-125		73	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	E1GF7	SDG No.:	BG080824
Lab Sample ID:	P3401-11	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
BG062335.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	42.443		10-130		106	SPK: -40
1719-06-8	Anthracene-d10	28.137		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	28.87		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.924		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68806	7.96				
1146-65-2	Naphthalene-d8	320868	10.75				
15067-26-2	Acenaphthene-d10	255031	14.575				
1517-22-2	Phenanthrene-d10	550386	17.312				
1719-03-5	Chrysene-d12	553265	21.548				
1520-96-3	Perylene-d12	648345	24.638				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	11	J			8.019	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	6.4	J			17.988	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E1GF8	SDG No.:	BG080824
Lab Sample ID:	P3401-12	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
BG062336.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

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	1.7	J	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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E1GF8	SDG No.:	BG080824
Lab Sample ID:	P3401-12	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
BG062336.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E1GF8	SDG No.:	BG080824
Lab Sample ID:	P3401-12	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
BG062336.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

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	3.451		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	4.578	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	6.765		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.763		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.222		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	15.86		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	30.964		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.022		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.103		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.057		1-146		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.855		25-130		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.169		10-130		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.621		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	25.511		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E1GF8	SDG No.:	BG080824
Lab Sample ID:	P3401-12	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
BG062336.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162451

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.283		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	25.724		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	26.072		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.943		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77232	7.957				
1146-65-2	Naphthalene-d8	374295	10.748				
15067-26-2	Acenaphthene-d10	293655	14.572				
1517-22-2	Phenanthrene-d10	627433	17.315				
1719-03-5	Chrysene-d12	626780	21.551				
1520-96-3	Perylene-d12	734113	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-67-2	1-Pentanol, 2-ethyl-4-methyl-	3	J			8.022	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3.4	J			17.985	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z8	SDG No.:	BG080824
Lab Sample ID:	P3434-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062337.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	66	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.2	330	ug/Kg
110-86-1	Pyridine	77	U	77	160	330	ug/Kg
108-95-2	Phenol	30	U	30	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.2	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.2	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.4	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.4	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.4	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.4	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.4	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z8	SDG No.:	BG080824
Lab Sample ID:	P3434-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062337.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.4	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.2	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.4	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.4	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.4	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.2	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.4	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.4	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.4	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z8	SDG No.:	BG080824
Lab Sample ID:	P3434-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062337.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.4	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.371		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	17.439		20-120		44	SPK: -40
4165-62-2	Phenol-d5	19.389		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.511		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.964		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.985		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	23.541		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.735		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.749		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.033		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.677		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.524		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.519		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	20.93		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z8	SDG No.:	BG080824
Lab Sample ID:	P3434-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062337.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.343		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	20.793		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	21.21		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.517		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55065	7.958				
1146-65-2	Naphthalene-d8	267291	10.748				
15067-26-2	Acenaphthene-d10	211623	14.572				
1517-22-2	Phenanthrene-d10	471083	17.31				
1719-03-5	Chrysene-d12	466569	21.551				
1520-96-3	Perylene-d12	548022	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	84	J			11.483	
000638-53-9	Tridecanoic acid	77	J			18.209	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4	SDG No.:	BG080824
Lab Sample ID:	P3434-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062338.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	66	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.2	330	ug/Kg
110-86-1	Pyridine	77	U	77	160	330	ug/Kg
108-95-2	Phenol	30	U	30	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.2	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.2	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.4	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.4	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.4	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.4	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.4	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4	SDG No.:	BG080824
Lab Sample ID:	P3434-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062338.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.4	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.2	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.4	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.4	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.4	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.2	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.4	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.4	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.4	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4	SDG No.:	BG080824
Lab Sample ID:	P3434-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062338.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.4	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.19		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	19.2		20-120		48	SPK: -40
4165-62-2	Phenol-d5	23.73		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.193		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.589		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.419		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	30.372		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.099		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.063		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.32		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.194		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.328		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.469		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	27.419		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4	SDG No.:	BG080824
Lab Sample ID:	P3434-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062338.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.44		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	26.922		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	27.617		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.665		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66929	7.957				
1146-65-2	Naphthalene-d8	316228	10.748				
15067-26-2	Acenaphthene-d10	242880	14.572				
1517-22-2	Phenanthrene-d10	527181	17.309				
1719-03-5	Chrysene-d12	526106	21.551				
1520-96-3	Perylene-d12	609442	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	96	J			3.681	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.482	
000057-10-3	n-Hexadecanoic acid	210	J			18.214	
006222-07-7	Pentafluoropropionic acid, hexadec	98	J			21.227	
1000193-60-8	1,1,4a-Trimethyl-5,6-dimethylenede	430	J			28.688	
000469-38-5	9,19-Cyclolanost-24-en-3-ol, (3.be	520	J			29.134	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4MS	SDG No.:	BG080824
Lab Sample ID:	P3434-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062339.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	360		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1200		58	82.4	330	ug/Kg
110-86-1	Pyridine	970		77	160	330	ug/Kg
108-95-2	Phenol	1100		30	82.4	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		29	82.4	330	ug/Kg
95-57-8	2-Chlorophenol	1100		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1100		31	82.4	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		40	82.4	330	ug/Kg
98-86-2	Acetophenone	1100		66	82.4	330	ug/Kg
106-44-5	4-Methylphenol	1100		53	82.4	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1100		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1300		64	42.5	170	ug/Kg
78-59-1	Isophorone	1100		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1500		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	760		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		38	42.5	170	ug/Kg
91-20-3	Naphthalene	1100		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	950		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1100		64	82.4	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1100		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100		97	82.4	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4MS	SDG No.:	BG080824
Lab Sample ID:	P3434-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062339.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1100		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1500		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1100		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1300		66	82.4	330	ug/Kg
83-32-9	Acenaphthene	1100		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		130	82.4	330	ug/Kg
100-02-7	4-Nitrophenol	1300		44	82.4	330	ug/Kg
132-64-9	Dibenzofuran	1100		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		33	42.5	170	ug/Kg
86-73-7	Fluorene	1100		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1400		24	82.4	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		38	82.4	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		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	1200		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1200		28	42.5	170	ug/Kg
1912-24-9	Atrazine	1000		28	82.4	330	ug/Kg
87-86-5	Pentachlorophenol	1400		88	82.4	330	ug/Kg
85-01-8	Phenanthrene	1100		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		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	1200		17	42.5	170	ug/Kg
86-74-8	Carbazole	1100		34	82.4	330	ug/Kg
84-74-2	Di-n-butylphthalate	1200		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		19	82.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4MS	SDG No.:	BG080824
Lab Sample ID:	P3434-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062339.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

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	1200		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	82.4	330	ug/Kg
56-55-3	Benzo(a)anthracene	1200		23	42.5	170	ug/Kg
218-01-9	Chrysene	1100		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		48	82.4	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		36	42.5	170	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	22.827		20-120		57	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.986		15-120		50	SPK: -8
4165-62-2	Phenol-d5	28.799		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.395		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.451		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.319		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	36.681		10-135		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.908		10-120		110	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.954		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.237		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.849		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.201		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.79		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	30.688		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4MS	SDG No.:	BG080824
Lab Sample ID:	P3434-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062339.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	48.487		10-130		121	SPK: -40
1719-06-8	Anthracene-d10	30.419		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	31.167		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.855		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60552	7.959				
1146-65-2	Naphthalene-d8	291073	10.749				
15067-26-2	Acenaphthene-d10	221558	14.573				
1517-22-2	Phenanthrene-d10	475595	17.317				
1719-03-5	Chrysene-d12	467891	21.552				
1520-96-3	Perylene-d12	534955	24.642				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4MSD	SDG No.:	BG080824
Lab Sample ID:	P3434-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062340.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1100		58	82.4	330	ug/Kg
110-86-1	Pyridine	800		77	160	330	ug/Kg
108-95-2	Phenol	990		30	82.4	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	950		29	82.4	330	ug/Kg
95-57-8	2-Chlorophenol	970		28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	940		31	82.4	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	960		40	82.4	330	ug/Kg
98-86-2	Acetophenone	950		66	82.4	330	ug/Kg
106-44-5	4-Methylphenol	980		53	82.4	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	980		79	42.4	170	ug/Kg
67-72-1	Hexachloroethane	990		61	42.4	170	ug/Kg
98-95-3	Nitrobenzene	1100		64	42.4	170	ug/Kg
78-59-1	Isophorone	970		66	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	1400		60	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	730		32	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	980		45	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.4	170	ug/Kg
91-20-3	Naphthalene	980		24	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	830		36	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	970		35	42.4	170	ug/Kg
105-60-2	Caprolactam	920		64	82.4	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		41	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		24	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	1100		32	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	970		97	82.4	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		24	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		33	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4MSD	SDG No.:	BG080824
Lab Sample ID:	P3434-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062340.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		26	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		33	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	1300		45	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	980		30	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		20	42.4	170	ug/Kg
208-96-8	Acenaphthylene	1000		29	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	1200		66	82.4	330	ug/Kg
83-32-9	Acenaphthene	980		26	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		130	82.4	330	ug/Kg
100-02-7	4-Nitrophenol	1100		44	82.4	330	ug/Kg
132-64-9	Dibenzofuran	1000		27	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		35	42.4	170	ug/Kg
84-66-2	Diethylphthalate	950		33	42.4	170	ug/Kg
86-73-7	Fluorene	990		27	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	980		20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	1200		24	82.4	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		38	82.4	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000		24	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		34	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		26	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		28	42.4	170	ug/Kg
1912-24-9	Atrazine	940		28	82.4	330	ug/Kg
87-86-5	Pentachlorophenol	1200		88	82.4	330	ug/Kg
85-01-8	Phenanthrene	1000		27	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	990		37	42.4	170	ug/Kg
120-12-7	Anthracene	970		25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		17	42.4	170	ug/Kg
86-74-8	Carbazole	1000		34	82.4	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		27	42.4	170	ug/Kg
206-44-0	Fluoranthene	1000		19	82.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4MSD	SDG No.:	BG080824
Lab Sample ID:	P3434-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062340.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		18	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		22	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	990		52	82.4	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		23	42.4	170	ug/Kg
218-01-9	Chrysene	1000		24	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		25	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		48	82.4	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		37	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1000		31	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		28	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		26	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		32	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		36	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.377		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	19.006		20-120		48	SPK: -40
4165-62-2	Phenol-d5	25.109		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.6		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.597		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.593		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	32.955		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.065		10-120		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.407		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.802		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.467		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.709		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.536		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	27.085		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T4MSD	SDG No.:	BG080824
Lab Sample ID:	P3434-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062340.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	42.692		10-130		107	SPK: -40
1719-06-8	Anthracene-d10	27.333		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	27.605		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.838		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61226	7.955				
1146-65-2	Naphthalene-d8	283503	10.751				
15067-26-2	Acenaphthene-d10	213545	14.575				
1517-22-2	Phenanthrene-d10	457899	17.313				
1719-03-5	Chrysene-d12	450555	21.554				
1520-96-3	Perylene-d12	517170	24.638				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK448	SDG No.:	BG080824
Lab Sample ID:	PB162448BL	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
BG062342.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK448	SDG No.:	BG080824
Lab Sample ID:	PB162448BL	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
BG062342.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK448	SDG No.:	BG080824
Lab Sample ID:	PB162448BL	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
BG062342.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.745		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	23.513		20-120		59	SPK: -40
4165-62-2	Phenol-d5	25.209		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.299		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.999		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	25.25		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	29.957		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.72		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.231		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.162		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.541		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.585		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.358		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	24.101		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK448	SDG No.:	BG080824
Lab Sample ID:	PB162448BL	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
BG062342.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.854		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	24.578		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	24.594		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.168		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75526	7.957				
1146-65-2	Naphthalene-d8	373254	10.748				
15067-26-2	Acenaphthene-d10	294246	14.572				
1517-22-2	Phenanthrene-d10	638948	17.315				
1719-03-5	Chrysene-d12	646220	21.551				
1520-96-3	Perylene-d12	761420	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062343.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162447

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062343.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162447

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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062343.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162447

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	4.747		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	25.039		20-120		63	SPK: -40
4165-62-2	Phenol-d5	27.112		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.113		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.445		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	26.825		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	32.338		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.339		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.749		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.343		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.024		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.099		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.044		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	25.74		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SBLK447	SDG No.:	BG080824
Lab Sample ID:	PB162447BL	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
BG062343.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.659		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	26.87		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	26.738		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.681		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60998	7.958				
1146-65-2	Naphthalene-d8	294871	10.748				
15067-26-2	Acenaphthene-d10	233783	14.572				
1517-22-2	Phenanthrene-d10	495725	17.316				
1719-03-5	Chrysene-d12	498239	21.551				
1520-96-3	Perylene-d12	580118	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	24.729	3.2	J		24.729	
	(DEL) Alkane: Straight-Chain	25.822	3.7	J		25.822	
	(DEL) Alkane: Straight-Chain	27.120	4.2	J		27.12	
	(DEL) Alkane: Straight-Chain	28.706	3.4	J		28.706	
	(DEL) Alkane: Straight-Chain	30.604	3	J		30.604	
E966796	Total Alkanes	18				99	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z0	SDG No.:	BG080824
Lab Sample ID:	P3434-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062344.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	66	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.2	330	ug/Kg
110-86-1	Pyridine	77	U	77	160	330	ug/Kg
108-95-2	Phenol	30	U	30	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.2	330	ug/Kg
98-86-2	Acetophenone	70	J	66	82.2	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.4	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.4	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.4	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.4	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.4	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z0	SDG No.:	BG080824
Lab Sample ID:	P3434-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062344.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.4	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.2	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.4	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.4	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.4	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.2	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.4	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.4	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.4	170	ug/Kg
206-44-0	Fluoranthene	51	J	19	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z0	SDG No.:	BG080824
Lab Sample ID:	P3434-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062344.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	39	J	18	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.4	170	ug/Kg
218-01-9	Chrysene	36	J	24	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	J	37	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.343		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.29		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.586		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.24		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	11.619		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	17.597		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.706		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.832		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.996		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.875		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.824		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.573		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	14.223		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z0	SDG No.:	BG080824
Lab Sample ID:	P3434-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062344.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.685		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	14.142		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	12.716		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.699		10-140		24	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62416	7.957				
1146-65-2	Naphthalene-d8	298659	10.747				
15067-26-2	Acenaphthene-d10	228959	14.572				
1517-22-2	Phenanthrene-d10	484763	17.315				
1719-03-5	Chrysene-d12	477291	21.55				
1520-96-3	Perylene-d12	553266	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	140	J			18.214	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z1	SDG No.:	BG080824
Lab Sample ID:	P3434-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062345.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	66	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.2	330	ug/Kg
110-86-1	Pyridine	77	U	77	160	330	ug/Kg
108-95-2	Phenol	30	U	30	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.2	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.2	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.4	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.4	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.4	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.4	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.4	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z1	SDG No.:	BG080824
Lab Sample ID:	P3434-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062345.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.4	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.2	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.4	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.4	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.4	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.2	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.4	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.4	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.4	170	ug/Kg
206-44-0	Fluoranthene	59	J	19	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z1	SDG No.:	BG080824
Lab Sample ID:	P3434-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062345.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	J	18	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.4	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.332		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	17.388		20-120		43	SPK: -40
4165-62-2	Phenol-d5	19.829		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.109		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.981		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	20.294		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	24.007		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.061		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.569		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.335		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.356		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.227		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.061		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	20.822		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05Z1	SDG No.:	BG080824
Lab Sample ID:	P3434-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062345.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.523		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	20.741		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	21.567		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.613		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65126	7.955				
1146-65-2	Naphthalene-d8	309696	10.751				
15067-26-2	Acenaphthene-d10	238015	14.575				
1517-22-2	Phenanthrene-d10	516227	17.313				
1719-03-5	Chrysene-d12	513276	21.548				
1520-96-3	Perylene-d12	602374	24.638				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	75	J			11.485	
000057-10-3	n-Hexadecanoic acid	130	J			18.212	
	(DEL) Alkane: Cyclic	92	J			21.225	
E966796	Total Alkanes	92				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T5	SDG No.:	BG080824
Lab Sample ID:	P3434-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062346.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	66	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.2	330	ug/Kg
110-86-1	Pyridine	77	U	77	160	330	ug/Kg
108-95-2	Phenol	30	U	30	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.2	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.2	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.4	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.4	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.4	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.4	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.4	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T5	SDG No.:	BG080824
Lab Sample ID:	P3434-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062346.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.4	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.2	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.4	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.4	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.4	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.2	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.4	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.4	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.4	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T5	SDG No.:	BG080824
Lab Sample ID:	P3434-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062346.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.4	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.89		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	14.779		20-120		37	SPK: -40
4165-62-2	Phenol-d5	25.101		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.172		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.229		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	25.263		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	30.537		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.606		10-120		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.831		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.963		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.884		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.974		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.72		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	26.374		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T5	SDG No.:	BG080824
Lab Sample ID:	P3434-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062346.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.664		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	25.954		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.985		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.553		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57988	7.958				
1146-65-2	Naphthalene-d8	274993	10.748				
15067-26-2	Acenaphthene-d10	211171	14.572				
1517-22-2	Phenanthrene-d10	450937	17.31				
1719-03-5	Chrysene-d12	444486	21.551				
1520-96-3	Perylene-d12	513406	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.482	
000532-48-9	Euparin	74	J			17.98	
000057-10-3	n-Hexadecanoic acid	270	J			18.215	
077899-03-7	1-Heneicosyl formate	190	J			21.228	
1010351-83-6	Octacosyl heptafluorobutyrate	77	J			22.374	
	unknown-01	78	J			28.289	
137235-51-9	1,2,4,8-Tetramethylbicyclo[6.3.0]u	1400	J			28.694	
000083-46-5	.beta.-Sitosterol	210	J			29.746	
1000441-99-9	(3S,6aR,6bR,8aS,12S,14bR)-4,4,6a,6	140	J			31.82	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T6	SDG No.:	BG080824
Lab Sample ID:	P3434-05	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
BG062347.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T6	SDG No.:	BG080824
Lab Sample ID:	P3434-05	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
BG062347.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T6	SDG No.:	BG080824
Lab Sample ID:	P3434-05	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
BG062347.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

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	1.835		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	9.601		20-120		24	SPK: -40
4165-62-2	Phenol-d5	13.916		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.227		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.859		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.895		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	16.499		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.502		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.988		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.092		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.116		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	15.156		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.353		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	15.597		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T6	SDG No.:	BG080824
Lab Sample ID:	P3434-05	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
BG062347.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.611		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	15.443		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	16.457		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.427		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65167	7.958				
1146-65-2	Naphthalene-d8	310515	10.748				
15067-26-2	Acenaphthene-d10	236089	14.573				
1517-22-2	Phenanthrene-d10	503993	17.316				
1719-03-5	Chrysene-d12	494458	21.551				
1520-96-3	Perylene-d12	576299	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	200	J			18.215	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	86	J			19.36	
	(DEL) Alkane: Straight-Chain21.228	93	J			21.228	
1000221-85-8	2H-Cyclopentacyclooctene, 4,5,6,7,	390	J			28.689	
207297-57-2	2-Isopropenyl-4a,8-dimethyl-1,2,3,	130	J			29.124	
E966796	Total Alkanes	93				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T7	SDG No.:	BG080824
Lab Sample ID:	P3434-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062348.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	66	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.2	330	ug/Kg
110-86-1	Pyridine	77	U	77	160	330	ug/Kg
108-95-2	Phenol	30	U	30	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.2	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.2	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.4	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.4	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.4	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.4	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.4	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T7	SDG No.:	BG080824
Lab Sample ID:	P3434-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062348.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.4	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.2	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.4	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.4	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.4	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.2	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.4	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.4	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.4	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T7	SDG No.:	BG080824
Lab Sample ID:	P3434-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062348.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.4	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.737		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	15.488		20-120		39	SPK: -40
4165-62-2	Phenol-d5	18.631		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.214		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.096		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	18.206		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	22.75		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.183		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.837		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.636		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.687		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	19.642		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.512		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	20.403		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	E05T7	SDG No.:	BG080824
Lab Sample ID:	P3434-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG062348.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.252		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	19.836		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.077		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.218		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59415	7.96				
1146-65-2	Naphthalene-d8	280934	10.751				
15067-26-2	Acenaphthene-d10	209343	14.575				
1517-22-2	Phenanthrene-d10	448193	17.312				
1719-03-5	Chrysene-d12	439301	21.548				
1520-96-3	Perylene-d12	511385	24.638				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	74	J			3.684	
000770-35-4	1-Phenoxypropan-2-ol	90	J			11.485	
000057-10-3	n-Hexadecanoic acid	230	J			18.211	
006222-03-3	Trifluoroacetoxy hexadecane	91	J			21.225	
1000193-60-8	1,1,4a-Trimethyl-5,6-dimethylenede	130	J			28.679	
103827-22-1	4a,8-Dimethyl-2-(prop-1-en-2-yl)-1	160	J			29.126	
	unknown-02	110	J			29.754	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS448	SDG No.:	BG080824
Lab Sample ID:	PB162448BS	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
BG062349.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	330		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	990		58	82.5	330	ug/Kg
110-86-1	Pyridine	930		77	170	330	ug/Kg
108-95-2	Phenol	1000		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	980		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	990		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990		40	82.5	330	ug/Kg
98-86-2	Acetophenone	970		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	990		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	980		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		64	42.5	170	ug/Kg
78-59-1	Isophorone	960		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1300		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	750		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	960		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	970		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	820		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	930		35	42.5	170	ug/Kg
105-60-2	Caprolactam	960		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	960		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	950		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS448	SDG No.:	BG080824
Lab Sample ID:	PB162448BS	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
BG062349.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	970		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	980		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1300		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	940		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	990		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	930		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1100		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	950		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	930		33	42.5	170	ug/Kg
86-73-7	Fluorene	940		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	960		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1300		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	980		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	980		28	42.5	170	ug/Kg
1912-24-9	Atrazine	93	J	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	860		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	970		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	970		37	42.5	170	ug/Kg
120-12-7	Anthracene	940		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		17	42.5	170	ug/Kg
86-74-8	Carbazole	980		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	970		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS448	SDG No.:	BG080824
Lab Sample ID:	PB162448BS	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
BG062349.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	960		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	990		23	42.5	170	ug/Kg
218-01-9	Chrysene	990		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	970		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	890		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.779		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	26.775		20-120		67	SPK: -40
4165-62-2	Phenol-d5	31.263		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.641		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.5		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.686		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	36.399		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.469		10-120		111	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.464		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.18		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.942		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.019		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.896		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	28.525		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS448	SDG No.:	BG080824
Lab Sample ID:	PB162448BS	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
BG062349.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	52.684	*	10-130		132	SPK: -40
1719-06-8	Anthracene-d10	28.145		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	28.529		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.057		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66290	7.955				
1146-65-2	Naphthalene-d8	317387	10.751				
15067-26-2	Acenaphthene-d10	248356	14.575				
1517-22-2	Phenanthrene-d10	532677	17.313				
1719-03-5	Chrysene-d12	529971	21.554				
1520-96-3	Perylene-d12	602463	24.644				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS447	SDG No.:	BG080824
Lab Sample ID:	PB162447BS	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
BG062350.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.5		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	26		2.3	5	10	ug/L
110-86-1	Pyridine	24		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	27		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)	27		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	26		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	31		0.99	2.5	5	ug/L
78-59-1	Isophorone	26		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	37		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	20		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		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	26		0.98	2.5	5	ug/L
105-60-2	Caprolactam	25		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	27		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	28		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS447	SDG No.:	BG080824
Lab Sample ID:	PB162447BS	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
BG062350.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	35		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	32		1.5	5	10	ug/L
83-32-9	Acenaphthene	26		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	45		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	30		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	41		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	25		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	35		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		0.56	2.5	5	ug/L
1912-24-9	Atrazine	2.4	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	24		2.5	5	10	ug/L
85-01-8	Phenanthrene	27		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.2	2.5	5	ug/L
120-12-7	Anthracene	26		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	30		0.92	2.5	5	ug/L
86-74-8	Carbazole	27		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	27		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS447	SDG No.:	BG080824
Lab Sample ID:	PB162447BS	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
BG062350.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	26		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	27		0.56	2.5	5	ug/L
218-01-9	Chrysene	27		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	27		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	28		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	25		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.996		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	23.161		20-120		58	SPK: -40
4165-62-2	Phenol-d5	27.145		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.046		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.868		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.832		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	34.179		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.567		20-130		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.807		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.775		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.367		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.785		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.225		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	26.551		25-125		66	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS447	SDG No.:	BG080824
Lab Sample ID:	PB162447BS	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
BG062350.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162447

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	49.925		10-130		125	SPK: -40
1719-06-8	Anthracene-d10	26.189		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	26.433		15-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.012		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73942	7.958				
1146-65-2	Naphthalene-d8	335347	10.754				
15067-26-2	Acenaphthene-d10	254089	14.578				
1517-22-2	Phenanthrene-d10	534221	17.316				
1719-03-5	Chrysene-d12	546898	21.557				
1520-96-3	Perylene-d12	620251	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SBLK597	SDG No.:	BG080824
Lab Sample ID:	PB162597BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062352.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SBLK597	SDG No.:	BG080824
Lab Sample ID:	PB162597BL	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
BG062352.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SBLK597	SDG No.:	BG080824
Lab Sample ID:	PB162597BL	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
BG062352.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.167		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	29.694		20-120		74	SPK: -40
4165-62-2	Phenol-d5	33.491		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.684		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.325		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	32.521		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	39.478		20-125		99	SPK: -40
93951-78-1	2-Nitrophenol-d4	48.913		20-130		122	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.367		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.708		1-146		84	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.115		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	32.437		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.842		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	32.876		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	SBLK597	SDG No.:	BG080824
Lab Sample ID:	PB162597BL	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
BG062352.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	44.034		10-130		110	SPK: -40
1719-06-8	Anthracene-d10	34.97		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	34.277		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.295		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41398	7.957				
1146-65-2	Naphthalene-d8	189031	10.748				
15067-26-2	Acenaphthene-d10	147280	14.578				
1517-22-2	Phenanthrene-d10	310274	17.315				
1719-03-5	Chrysene-d12	319920	21.557				
1520-96-3	Perylene-d12	368253	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS448	SDG No.:	BG080824
Lab Sample ID:	PB162448BS	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
BG062353.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310		27	6.6	67	ug/Kg
110-86-1	Pyridine	870		77	170	330	ug/Kg
100-52-7	Benzaldehyde	970		58	82.5	330	ug/Kg
108-95-2	Phenol	1000		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	950		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	970		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	960		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	960		40	82.5	330	ug/Kg
98-86-2	Acetophenone	950		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	970		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	970		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1200		64	42.5	170	ug/Kg
78-59-1	Isophorone	980		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1400		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	750		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	990		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	980		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	820		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	960		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1000		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	930		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	930		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS448	SDG No.:	BG080824
Lab Sample ID:	PB162448BS	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
BG062353.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	930		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	940		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1200		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	910		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	950		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	900		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1000		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	910		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	890		33	42.5	170	ug/Kg
86-73-7	Fluorene	910		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	910		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1200		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	980		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	990		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	980		28	42.5	170	ug/Kg
1912-24-9	Atrazine	88	J	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	810		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	960		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	950		37	42.5	170	ug/Kg
120-12-7	Anthracene	930		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		17	42.5	170	ug/Kg
86-74-8	Carbazole	970		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	950		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS448	SDG No.:	BG080824
Lab Sample ID:	PB162448BS	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
BG062353.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	940		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	960		23	42.5	170	ug/Kg
218-01-9	Chrysene	960		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	970		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	990		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	950		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	970		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	860		36	42.5	170	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	25.628		20-120		64	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.854		15-120		73	SPK: -8
4165-62-2	Phenol-d5	30.145		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.385		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.161		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.65		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	37.403		10-135		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.722		10-120		112	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.703		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.274		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.753		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.196		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.129		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	27.159		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	SLCS448	SDG No.:	BG080824
Lab Sample ID:	PB162448BS	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
BG062353.D	1	8/1/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162448

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	51.607		10-130		129	SPK: -40
1719-06-8	Anthracene-d10	27.717		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	27.919		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.641		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68635	7.957				
1146-65-2	Naphthalene-d8	310221	10.754				
15067-26-2	Acenaphthene-d10	253468	14.578				
1517-22-2	Phenanthrene-d10	527128	17.315				
1719-03-5	Chrysene-d12	534859	21.557				
1520-96-3	Perylene-d12	607510	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB7	SDG No.:	BG080824
Lab Sample ID:	P3480-16	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
BG062354.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB7	SDG No.:	BG080824
Lab Sample ID:	P3480-16	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
BG062354.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB7	SDG No.:	BG080824
Lab Sample ID:	P3480-16	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
BG062354.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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	4.052		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	7.584	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	8.453		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.362		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.393		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	18.732		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	34.518		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.072		20-130		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.773		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.857		1-146		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.013		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.999		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.003		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	28.227		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB7	SDG No.:	BG080824
Lab Sample ID:	P3480-16	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
BG062354.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.86		10-130		105	SPK: -40
1719-06-8	Anthracene-d10	28.892		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	30.181		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.7		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56149	7.959				
1146-65-2	Naphthalene-d8	272365	10.749				
15067-26-2	Acenaphthene-d10	212493	14.573				
1517-22-2	Phenanthrene-d10	461830	17.311				
1719-03-5	Chrysene-d12	455637	21.552				
1520-96-3	Perylene-d12	529701	24.636				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.2	J			11.483	
000057-10-3	n-Hexadecanoic acid	2.3	J			18.209	
074339-54-1	Trichloroacetic acid, hexadecyl es	2.1	J			21.229	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB8	SDG No.:	BG080824
Lab Sample ID:	P3480-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062355.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB8	SDG No.:	BG080824
Lab Sample ID:	P3480-17	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
BG062355.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB8	SDG No.:	BG080824
Lab Sample ID:	P3480-17	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
BG062355.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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	4.256		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	7.43	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	9.78		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.373		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.536		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	20.985		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	36.659		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.236		20-130		111	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.001		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.448		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.558		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.855		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.204		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	30.624		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB8	SDG No.:	BG080824
Lab Sample ID:	P3480-17	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
BG062355.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	45.622		10-130		114	SPK: -40
1719-06-8	Anthracene-d10	31.681		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	32.045		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.107		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51662	7.958				
1146-65-2	Naphthalene-d8	253814	10.748				
15067-26-2	Acenaphthene-d10	198104	14.573				
1517-22-2	Phenanthrene-d10	425982	17.316				
1719-03-5	Chrysene-d12	422484	21.551				
1520-96-3	Perylene-d12	489485	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.1	J			11.483	
000057-10-3	n-Hexadecanoic acid	2.4	J			18.209	
	(DEL) Alkane: Straight-Chain	21.228	J			21.228	
E966796	Total Alkanes	2.3				99	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB5	SDG No.:	BG080824
Lab Sample ID:	P3480-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062356.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB5	SDG No.:	BG080824
Lab Sample ID:	P3480-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062356.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB5	SDG No.:	BG080824
Lab Sample ID:	P3480-18	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
BG062356.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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	4.304		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	4.828	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	9.639		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.187		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.063		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	19.722		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	32.122		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.317		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.521		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.153		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.232		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.634		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.411		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	25.899		25-125		65	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB5	SDG No.:	BG080824
Lab Sample ID:	P3480-18	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
BG062356.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.65		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	26.513		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	27.48		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.55		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53372	7.958				
1146-65-2	Naphthalene-d8	261088	10.748				
15067-26-2	Acenaphthene-d10	204044	14.572				
1517-22-2	Phenanthrene-d10	439110	17.31				
1719-03-5	Chrysene-d12	429549	21.551				
1520-96-3	Perylene-d12	500316	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.3	J			11.482	
000057-10-3	n-Hexadecanoic acid	3.7	J			18.209	
	(DEL) Alkane: Straight-Chain	21.228	J			21.228	
E966796	Total Alkanes	2.4				99	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB6	SDG No.:	BG080824
Lab Sample ID:	P3480-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062357.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB6	SDG No.:	BG080824
Lab Sample ID:	P3480-19	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
BG062357.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB6	SDG No.:	BG080824
Lab Sample ID:	P3480-19	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
BG062357.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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	4.049		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	3.081	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	8.226		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.904		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.924		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	17.548		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	30.924		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.521		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.231		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.366		1-146		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.26		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	25.119		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.515		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	26.399		25-125		66	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AB6	SDG No.:	BG080824
Lab Sample ID:	P3480-19	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
BG062357.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	44.173		10-130		110	SPK: -40
1719-06-8	Anthracene-d10	30.665		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	31.523		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.054		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54930	7.959				
1146-65-2	Naphthalene-d8	271542	10.749				
15067-26-2	Acenaphthene-d10	205755	14.573				
1517-22-2	Phenanthrene-d10	432483	17.311				
1719-03-5	Chrysene-d12	427709	21.552				
1520-96-3	Perylene-d12	497980	24.636				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	2.8	J			18.209	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AD5	SDG No.:	BG080824
Lab Sample ID:	P3480-21	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062358.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AD5	SDG No.:	BG080824
Lab Sample ID:	P3480-21	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
BG062358.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AD5	SDG No.:	BG080824
Lab Sample ID:	P3480-21	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
BG062358.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

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	4.952		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	6.14	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	9.561		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.808		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.994		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	22.412		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	40.065		20-125		100	SPK: -40
93951-78-1	2-Nitrophenol-d4	46.918		20-130		117	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.307		20-120		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.725		1-146		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.832		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	30.93		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.984		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	32.529		25-125		81	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	E0AD5	SDG No.:	BG080824
Lab Sample ID:	P3480-21	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
BG062358.D	1	8/8/2024 12:00:00 AM	8/9/2024 12:00:00 AM	PB162597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	47.189		10-130		118	SPK: -40
1719-06-8	Anthracene-d10	34.006		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	34.539		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.67		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48223	7.96				
1146-65-2	Naphthalene-d8	247289	10.75				
15067-26-2	Acenaphthene-d10	197751	14.574				
1517-22-2	Phenanthrene-d10	430205	17.312				
1719-03-5	Chrysene-d12	425196	21.553				
1520-96-3	Perylene-d12	493018	24.643				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BG080824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E1GF7								
P3401-11	E1GF7	Water	1-Hexanol, 2-ethyl-	*	11.000	J		
P3401-11	E1GF7	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	6.400	J		
P3401-11	E1GF7	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			17.40		
P3401-11	E1GF7	Water	Acetophenone		2.100	J 0.89	10	ug/L
			Total Svoc :			2.10		
			Total Concentration:			19.50		
Client ID : E1GF8								
P3401-12	E1GF8	Water	1-Pentanol, 2-ethyl-4-methyl-	*	3.000	J		
P3401-12	E1GF8	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	3.400	J		
P3401-12	E1GF8	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			6.40		
P3401-12	E1GF8	Water	Acetophenone		1.700	J 0.89	10	ug/L
			Total Svoc :			1.70		
			Total Concentration:			8.10		
Client ID : E05T4								
P3434-01	E05T4	Solid	(S)-(+)-1,2-Propanediol	*	96.000	J		
P3434-01	E05T4	Solid	1,1,4a-Trimethyl-5,6-dimethylene	*	430.000	J		
P3434-01	E05T4	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3434-01	E05T4	Solid	9,19-Cyclolanost-24-en-3-ol, (3.b	*	520.000	J		
P3434-01	E05T4	Solid	n-Hexadecanoic acid	*	210.000	J		
P3434-01	E05T4	Solid	Pentafluoropropionic acid, hexade	*	98.000	J		
P3434-01	E05T4	Solid	Total Alkanes	*	0.000	26	170	ug/Kg
			Total Tics :			1,464.00		
			Total Concentration:			1,464.00		
Client ID : E05T5								
P3434-04	E05T5	Solid	(3S,6aR,6bR,8aS,12S,14bR)-4,4,6	*	140.000	J		
P3434-04	E05T5	Solid	.beta.-Sitosterol	*	210.000	J		
P3434-04	E05T5	Solid	1,2,4,8-Tetramethylbicyclo[6.3.0]i	*	1,400.000	J		
P3434-04	E05T5	Solid	1-Heneicosyl formate	*	190.000	J		
P3434-04	E05T5	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3434-04	E05T5	Solid	Euparin	*	74.000	J		
P3434-04	E05T5	Solid	n-Hexadecanoic acid	*	270.000	J		
P3434-04	E05T5	Solid	Octacosyl heptafluorobutyrate	*	77.000	J		
P3434-04	E05T5	Solid	unknown-01	*	78.000	J		
P3434-04	E05T5	Solid	Total Alkanes	*	0.000	26	170	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BG080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				2,579.00				
Total Concentration:				2,579.00				
Client ID : E05T6								
P3434-05	E05T6	Solid	(DEL) Alkane: Straight-Chain21.2 *	93.000	J			
P3434-05	E05T6	Solid	2-Isopropenyl-4a,8-dimethyl-1,2,3 *	130.000	J			
P3434-05	E05T6	Solid	2H-Cyclopentacyclooctene, 4,5,6, *	390.000	J			
P3434-05	E05T6	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d *	86.000	J			
P3434-05	E05T6	Solid	n-Hexadecanoic acid *	200.000	J			
P3434-05	E05T6	Solid	Total Alkanes *	93.000		26	170	ug/Kg
Total Tics :				992.00				
Total Concentration:				992.00				
Client ID : E05T7								
P3434-06	E05T7	Solid	1,1,4a-Trimethyl-5,6-dimethylene *	130.000	J			
P3434-06	E05T7	Solid	1-Phenoxypropan-2-ol *	90.000	J			
P3434-06	E05T7	Solid	4a,8-Dimethyl-2-(prop-1-en-2-yl)- *	160.000	J			
P3434-06	E05T7	Solid	n-Hexadecanoic acid *	230.000	J			
P3434-06	E05T7	Solid	Trifluoroacetoxy hexadecane *	91.000	J			
P3434-06	E05T7	Solid	unknown-01 *	74.000	J			
P3434-06	E05T7	Solid	unknown-02 *	110.000	J			
P3434-06	E05T7	Solid	Total Alkanes *	0.000		26	170	ug/Kg
Total Tics :				885.00				
Total Concentration:				885.00				
Client ID : E05Z0								
P3434-09	E05Z0	Solid	n-Hexadecanoic acid *	140.000	J			
P3434-09	E05Z0	Solid	Total Alkanes *	0.000		26	170	ug/Kg
Total Tics :				140.00				
P3434-09	E05Z0	Solid	Acetophenone	70.000	J	66	330	ug/Kg
P3434-09	E05Z0	Solid	Benzo(b)fluoranthene	50.000	J	37	170	ug/Kg
P3434-09	E05Z0	Solid	Chrysene	36.000	J	24	170	ug/Kg
P3434-09	E05Z0	Solid	Fluoranthene	51.000	J	19	170	ug/Kg
P3434-09	E05Z0	Solid	Pyrene	39.000	J	18	170	ug/Kg
Total Svoc :				246.00				
Total Concentration:				386.00				
Client ID : E05Z1								
P3434-10	E05Z1	Solid	(DEL) Alkane: Cyclic21.225 *	92.000	J			
P3434-10	E05Z1	Solid	1-Phenoxypropan-2-ol *	75.000	J			
P3434-10	E05Z1	Solid	n-Hexadecanoic acid *	130.000	J			
P3434-10	E05Z1	Solid	Total Alkanes *	92.000		26	170	ug/Kg
Total Tics :				389.00				

Hit Summary Sheet SW-846

SDG No.: BG080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3434-10	E05Z1	Solid	Fluoranthene	59.000	J	19	170	ug/Kg
P3434-10	E05Z1	Solid	Pyrene	49.000	J	18	170	ug/Kg
Total Svoc :				108.00				
Total Concentration:				497.00				
Client ID : E05Z8								
P3434-14	E05Z8	Solid	1-Phenoxypropan-2-ol	*	84.000	J		
P3434-14	E05Z8	Solid	Tridecanoic acid	*	77.000	J		
P3434-14	E05Z8	Solid	Total Alkanes	*	0.000	26	170	ug/Kg
Total Tics :				161.00				
Total Concentration:				161.00				
Client ID : E05T8								
P3437-01	E05T8	Water	1-Phenoxypropan-2-ol	*	2.800	J		
P3437-01	E05T8	Water	unknown-01	*	18.000	J		
P3437-01	E05T8	Water	Total Alkanes	*	0.000	1	5.1	ug/L
Total Tics :				20.80				
Total Concentration:				20.80				
Client ID : E05T9								
P3437-02	E05T9	Water	Total Alkanes	*	0.000	0.99	5	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : E05W2								
P3437-03	E05W2	Water	(DEL) Alkane: Straight-Chain21.2	*	3.700	J		
P3437-03	E05W2	Water	1-Phenoxypropan-2-ol	*	4.900	J		
P3437-03	E05W2	Water	n-Hexadecanoic acid	*	5.900	J		
P3437-03	E05W2	Water	Supraene	*	2.400	J		
P3437-03	E05W2	Water	unknown-01	*	2.300	J		
P3437-03	E05W2	Water	unknown-02	*	20.000	J		
P3437-03	E05W2	Water	Total Alkanes	*	3.700	0.99	5	ug/L
Total Tics :				42.90				
Total Concentration:				42.90				
Client ID : E05W4								
P3437-04	E05W4	Water	(DEL) Alkane: Straight-Chain21.2	*	4.300	J		
P3437-04	E05W4	Water	(S)-(+)-1,2-Propanediol	*	2.900	J		
P3437-04	E05W4	Water	1-Phenoxypropan-2-ol	*	4.800	J		
P3437-04	E05W4	Water	n-Hexadecanoic acid	*	7.900	J		
P3437-04	E05W4	Water	Pentadecanoic acid	*	2.600	J		
P3437-04	E05W4	Water	Supraene	*	3.000	J		
P3437-04	E05W4	Water	unknown-01	*	16.000	J		

Hit Summary Sheet SW-846

SDG No.: BG080824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3437-04	E05W4	Water	Total Alkanes	*	4.300	0.99	5	ug/L
Total Tics :						45.80		
Total Concentration:						45.80		
Client ID : E05W5								
P3437-05	E05W5	Water	(4E,8E,13E)-1-(2-Hydroxyethyl)-	*	2.300	J		
P3437-05	E05W5	Water	1,4-Benzenedicarboxylic acid, bis	*	3.000	J		
P3437-05	E05W5	Water	1-Hexadecanol, 3,7,11,15-tetrame	*	2.700	J		
P3437-05	E05W5	Water	Dichloroacetic acid, heptadecyl es	*	2.300	J		
P3437-05	E05W5	Water	n-Hexadecanoic acid	*	7.200	J		
P3437-05	E05W5	Water	Octadecanoic acid	*	3.100	J		
P3437-05	E05W5	Water	Phthalic acid, di(2-propylpentyl)	*	8.700	J		
P3437-05	E05W5	Water	unknown-01	*	2.700	J		
P3437-05	E05W5	Water	Total Alkanes	*	0.000	0.99	5	ug/L
Total Tics :						32.00		
Total Concentration:						32.00		
Client ID : E05W7								
P3437-06	E05W7	Water	1-Propanol, 3-phenoxy-	*	6.400	J		
P3437-06	E05W7	Water	n-Hexadecanoic acid	*	8.900	J		
P3437-06	E05W7	Water	Octadecanoic acid	*	2.700	J		
P3437-06	E05W7	Water	Octadecyl trifluoroacetate	*	7.500	J		
P3437-06	E05W7	Water	Pentanedioic acid, dimethyl ester	*	2.100	J		
P3437-06	E05W7	Water	Supraene	*	2.100	J		
P3437-06	E05W7	Water	unknown-01	*	15.000	J		
P3437-06	E05W7	Water	Total Alkanes	*	0.000	0.99	5	ug/L
Total Tics :						44.70		
Total Concentration:						44.70		
Client ID : E05X2								
P3437-09	E05X2	Water	(DEL) Alkane: Straight-Chain21.2	*	7.700	J		
P3437-09	E05X2	Water	1-Phenoxypropan-2-ol	*	11.000	J		
P3437-09	E05X2	Water	Ethanol, 2-(2-ethoxyethoxy)-	*	4.600	J		
P3437-09	E05X2	Water	Isopropyl Alcohol	*	4.500	J		
P3437-09	E05X2	Water	n-Hexadecanoic acid	*	13.000	J		
P3437-09	E05X2	Water	Octadecanoic acid	*	2.800	J		
P3437-09	E05X2	Water	Supraene	*	2.500	J		
P3437-09	E05X2	Water	unknown-01	*	79.000	J		
P3437-09	E05X2	Water	Total Alkanes	*	7.700	1	5.1	ug/L
Total Tics :						132.80		
Total Concentration:						132.80		

Client ID : E05X4

Hit Summary Sheet

SW-846

SDG No.: BG080824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3437-10	E05X4	Water	(DEL) Alkane: Cyclic22.374	*	3.600	J		
P3437-10	E05X4	Water	(DEL) Alkane: Straight-Chain21.2	*	4.000	J		
P3437-10	E05X4	Water	(DEL) Alkane: Straight-Chain23.8	*	3.100	J		
P3437-10	E05X4	Water	(DEL) Alkane: Straight-Chain25.8	*	3.000	J		
P3437-10	E05X4	Water	1-Hexanol, 2-ethyl-	*	2.400	J		
P3437-10	E05X4	Water	26-Nor-5-cholesten-3.beta.-ol-25-	*	2.300	J		
P3437-10	E05X4	Water	Diethyltoluamide	*	2.000	J		
P3437-10	E05X4	Water	n-Hexadecanoic acid	*	4.500	J		
P3437-10	E05X4	Water	Total Alkanes	*	14.000		0.99	5 ug/L
			Total Tics :				38.90	
			Total Concentration:				38.90	
Client ID :	E05X6							
P3437-11	E05X6	Water	(DEL) Alkane: Cyclic21.230	*	5.500	J		
P3437-11	E05X6	Water	(S)-(+)-1,2-Propanediol	*	3.000	J		
P3437-11	E05X6	Water	1-Phenoxypropan-2-ol	*	5.300	J		
P3437-11	E05X6	Water	Benzoic acid	*	3.300	J		
P3437-11	E05X6	Water	n-Hexadecanoic acid	*	8.200	J		
P3437-11	E05X6	Water	Octadecanoic acid	*	2.200	J		
P3437-11	E05X6	Water	Total Alkanes	*	5.500		0.99	5 ug/L
			Total Tics :				33.00	
			Total Concentration:				33.00	
Client ID :	E05X9							
P3437-12	E05X9	Water	(DEL) Alkane: Cyclic21.231	*	6.400	J		
P3437-12	E05X9	Water	1,3-Benzenedicarboxylic acid, bis	*	2.200	J		
P3437-12	E05X9	Water	1-Phenoxypropan-2-ol	*	5.900	J		
P3437-12	E05X9	Water	Diethyltoluamide	*	17.000	J		
P3437-12	E05X9	Water	n-Hexadecanoic acid	*	10.000	J		
P3437-12	E05X9	Water	Octadecanoic acid	*	2.400	J		
P3437-12	E05X9	Water	unknown-01	*	3.300	J		
P3437-12	E05X9	Water	unknown-02	*	3.800	J		
P3437-12	E05X9	Water	unknown-03	*	3.100	J		
P3437-12	E05X9	Water	Total Alkanes	*	6.400		1	5.1 ug/L
			Total Tics :				60.50	
P3437-12	E05X9	Water	2-Methylnaphthalene		1.600	J	1.6	5.1 ug/L
P3437-12	E05X9	Water	Acenaphthene		1.600	J	1.1	5.1 ug/L
P3437-12	E05X9	Water	Naphthalene		2.500	J	0.71	5.1 ug/L
			Total Svoc :				5.70	
			Total Concentration:				66.20	

Client ID : E0AB7

Hit Summary Sheet SW-846

SDG No.: BG080824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL		RDL	Units
P3480-16	E0AB7	Water	1-Phenoxypropan-2-ol	*	2.200	J			
P3480-16	E0AB7	Water	n-Hexadecanoic acid	*	2.300	J			
P3480-16	E0AB7	Water	Trichloroacetic acid, hexadecyl es	*	2.100	J			
P3480-16	E0AB7	Water	Total Alkanes	*	0.000	0.99		5	ug/L
Total Tics :						6.60			
Total Concentration:						6.60			
Client ID : E0AB8									
P3480-17	E0AB8	Water	(DEL) Alkane: Straight-Chain21.2	*	2.300	J			
P3480-17	E0AB8	Water	1-Phenoxypropan-2-ol	*	2.100	J			
P3480-17	E0AB8	Water	n-Hexadecanoic acid	*	2.400	J			
P3480-17	E0AB8	Water	Total Alkanes	*	2.300	0.99		5	ug/L
Total Tics :						9.10			
Total Concentration:						9.10			
Client ID : E0AB5									
P3480-18	E0AB5	Water	(DEL) Alkane: Straight-Chain21.2	*	2.400	J			
P3480-18	E0AB5	Water	1-Phenoxypropan-2-ol	*	2.300	J			
P3480-18	E0AB5	Water	n-Hexadecanoic acid	*	3.700	J			
P3480-18	E0AB5	Water	Total Alkanes	*	2.400	0.99		5	ug/L
Total Tics :						10.80			
Total Concentration:						10.80			
Client ID : E0AB6									
P3480-19	E0AB6	Water	n-Hexadecanoic acid	*	2.800	J			
P3480-19	E0AB6	Water	Total Alkanes	*	0.000	0.99		5	ug/L
Total Tics :						2.80			
Total Concentration:						2.80			
Client ID : E0AD5									
P3480-21	E0AD5	Water	Total Alkanes	*	0.000	0.99		5	ug/L
Total Tics :						0.00			
Total Concentration:						0.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: _____ Calibration Date(s): 8/5/2024 1: _____

Calibration Time(s): 10:38 _____

LAB FILE ID:		RRF _{AL1} = BG062232.D		RRF _{AL2} = BG062233.D		RRF _{AL3} = BG062234.D		
		RRF _{AL4} = BG062235.D		RRF _{AL5} = BG062236.D		RRF _{AL6} = BG062237.D		
COMPOUND	RRF _{AL1}	RRF _{AL2}	RRF _{AL3}	RRF _{AL4}	RRF _{AL5}	RRF _{AL6}	RRF	% RSD
1,4-Dioxane	0.503	0.599	0.541	0.466	0.509		0.524	9.5
Benzaldehyde		1.203	1.136	1.161	0.863	0.681	1.009	22.5
Pyridine		1.602	1.525	1.482	1.532	1.443	1.517	3.9
Hexachloroethane	0.510	0.553	0.540	0.537	0.561		0.540	3.6
Nitrobenzene	0.272	0.353	0.357	0.382	0.390		0.351	13.3
Isophorone	0.781	0.938	0.857	0.844	0.799		0.844	7.3
2-Nitrophenol	0.089	0.132	0.148	0.161	0.173		0.141	23.1
2,4-Dimethylphenol	0.369	0.435	0.404	0.409	0.398		0.403	5.9
Bis(2-Chloroethoxy)methane	0.447	0.525	0.477	0.469	0.461		0.476	6.3
2,4-Dichlorophenol	0.298	0.370	0.344	0.352	0.343		0.342	7.8
Naphthalene	1.056	1.237	1.161	1.132	1.099		1.137	6.0
4-Chloroaniline		0.523	0.484	0.480	0.461	0.440	0.478	6.4
Hexachlorobutadiene	0.251	0.274	0.261	0.256	0.250		0.258	3.8
Phenol		2.088	1.974	2.009	2.007	1.993	2.014	2.2
Caprolactam		0.131	0.122	0.120	0.113	0.111	0.119	6.6
4-Chloro-3-methylphenol	0.326	0.424	0.400	0.395	0.371		0.383	9.7
1-Methylnaphthalene	0.822	0.886	0.835	0.777	0.736		0.811	7.1
2-Methylnaphthalene	0.750	0.866	0.787	0.775	0.738		0.783	6.4
Hexachlorocyclopentadiene		0.218	0.240	0.245	0.271	0.295	0.254	11.7
2,4,6-Trichlorophenol	0.315	0.394	0.401	0.389	0.395		0.379	9.5
2,4,5-Trichlorophenol	0.329	0.423	0.439	0.422	0.428		0.408	11.0
1,1-Biphenyl	1.475	1.646	1.598	1.453	1.405		1.515	6.7
2-Chloronaphthalene	1.138	1.291	1.238	1.123	1.097		1.177	7.1
2-Nitroaniline	0.212	0.271	0.319	0.348	0.350		0.300	19.6
Bis(2-Chloroethyl)ether		1.564	1.532	1.507	1.492	1.369	1.493	5.0
Dimethylphthalate	1.470	1.669	1.577	1.548	1.476		1.548	5.3
2,6-Dinitrotoluene	0.127	0.194	0.220	0.248	0.268		0.211	26.0
Acenaphthylene	1.751	2.009	1.897	1.880	1.784		1.864	5.5
3-Nitroaniline		0.232	0.233	0.259	0.249	0.230	0.241	5.3
Acenaphthene	1.331	1.486	1.404	1.387	1.331		1.388	4.6
2,4-Dinitrophenol		0.053	0.062	0.080	0.104	0.121	0.084	34.1
4-Nitrophenol		0.181	0.193	0.198	0.203	0.192	0.193	4.1
Dibenzofuran	1.869	2.010	1.978	1.910	1.819		1.917	4.1
2,4-Dinitrotoluene	0.188	0.253	0.309	0.342	0.358		0.290	24.1
Diethylphthalate	1.479	1.711	1.594	1.560	1.473		1.563	6.2
2-Chlorophenol	1.249	1.498	1.488	1.484	1.546		1.453	8.0

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.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: _____ Calibration Date(s): 8/5/2024 1: _____

Calibration Time(s): 10:38 _____

LAB FILE ID:		RRFAL1 = BG062232.D		RRFAL2 = BG062233.D		RRFAL3 = BG062234.D		
		RRFAL4 = BG062235.D		RRFAL5 = BG062236.D		RRFAL6 = BG062237.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.482	1.638	1.530	1.488	1.358		1.499	6.7
4-Chlorophenyl-phenylether	0.771	0.839	0.790	0.760	0.705		0.773	6.3
4-Nitroaniline		0.228	0.236	0.256	0.226	0.214	0.232	6.6
4,6-Dinitro-2-methylphenol		0.043	0.055	0.067	0.084	0.092	0.068	29.7
N-Nitrosodiphenylamine	0.566	0.635	0.611	0.597	0.587		0.599	4.3
1,2,4,5-Tetrachlorobenzene	0.624	0.704	0.664	0.640	0.633		0.653	4.9
4-Bromophenyl-phenylether	0.210	0.240	0.235	0.229	0.225		0.228	5.0
Hexachlorobenzene	0.252	0.284	0.270	0.263	0.257		0.265	4.8
Atrazine		0.245	0.235	0.228	0.228	0.213	0.230	5.1
Pentachlorophenol		0.111	0.127	0.143	0.157	0.160	0.140	14.8
2-Methylphenol		1.529	1.541	1.539	1.537	1.448	1.519	2.6
Phenanthrene	1.072	1.232	1.148	1.115	1.061		1.126	6.1
Pentachlorobenzene	0.306	0.317	0.319	0.312	0.313		0.313	1.6
Anthracene	1.103	1.266	1.180	1.143	1.084		1.155	6.2
1,2,3,4-Tetrachlorobenzene	0.284	0.316	0.313	0.290	0.294		0.300	4.7
Carbazole		1.050	0.984	0.961	0.926	0.817	0.947	9.1
Di-n-butylphthalate	0.989	1.208	1.176	1.151	1.113		1.127	7.5
Fluoranthene	1.281	1.452	1.345	1.358	1.283		1.344	5.2
Pyrene	1.361	1.567	1.438	1.442	1.349		1.431	6.1
Butylbenzylphthalate	0.416	0.518	0.499	0.521	0.516		0.494	9.0
3,3-Dichlorobenzidine		0.516	0.468	0.472	0.428	0.367	0.450	12.4
2,2-oxybis (1-Chloropropane)		3.214	3.117	3.019	3.050	2.850	3.050	4.4
Benzo (a) anthracene	1.394	1.591	1.465	1.461	1.413		1.465	5.3
Chrysene	1.340	1.491	1.384	1.371	1.329		1.383	4.7
Bis (2-ethylhexyl) phthalate	0.671	0.812	0.767	0.797	0.765		0.762	7.2
Di-n-octyl phthalate		1.194	1.143	1.188	1.147	1.025	1.139	6.0
Benzo (b) fluoranthene	1.143	1.294	1.230	1.235	1.181		1.217	4.7
Benzo (k) fluoranthene	1.164	1.341	1.248	1.230	1.205		1.238	5.3
Benzo (a) pyrene	1.066	1.237	1.156	1.160	1.137		1.151	5.3
Indeno (1,2,3-cd) pyrene	1.377	1.557	1.499	1.519	1.506		1.492	4.5
Dibenzo (a,h) anthracene	1.131	1.292	1.203	1.252	1.214		1.218	5.0
Benzo (g,h,i) perylene	1.034	1.182	1.135	1.158	1.156		1.133	5.1
Acetophenone		2.696	2.604	2.570	2.490	2.301	2.532	5.9
2,3,4,6-Tetrachlorophenol	0.282	0.386	0.386	0.391	0.391		0.367	12.9
1,4-Dioxane-d8	0.406	0.512	0.461	0.465	0.475		0.464	8.2
Pyridine-d5		1.504	1.440	1.460	1.496	1.396	1.459	3.0

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.: BG080524 SAS No.: BG080524 SDG No.: BG080524
Instrument ID: _____ Calibration Date(s): 8/5/2024 1: _____
Calibration Time(s): 10:38 _____

LAB FILE ID:		RRFAL1 = BG062232.D			RRFAL2 = BG062233.D		RRFAL3 = BG062234.D	
		RRFAL4 = BG062235.D			RRFAL5 = BG062236.D		RRFAL6 = BG062237.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.937	1.883	1.913	1.906	1.906	1.909	1.0
Bis-(2-Chloroethyl)ether-d8		1.236	1.205	1.169	1.163	1.103	1.175	4.2
2-Chlorophenol-d4	1.204	1.373	1.390	1.406	1.465		1.368	7.1
4-Methylphenol-d8		1.625	1.586	1.596	1.619	1.524	1.590	2.5
Nitrobenzene-d5	0.092	0.120	0.123	0.136	0.146		0.123	16.6
2-Nitrophenol-d4	0.078	0.106	0.113	0.135	0.148		0.116	23.3
2,4-Dichlorophenol-d3	0.300	0.362	0.342	0.343	0.338		0.337	6.8
4-Chloroaniline-d4		0.535	0.492	0.486	0.475	0.455	0.489	6.0
4-Methylphenol		1.751	1.695	1.702	1.722	1.634	1.701	2.6
Dimethylphthalate-d6	1.467	1.656	1.579	1.540	1.473		1.543	5.1
Acenaphthylene-d8	1.641	1.843	1.793	1.781	1.690		1.750	4.7
4-Nitrophenol-d4		0.204	0.207	0.226	0.228	0.215	0.216	5.0
Fluorene-d10	1.314	1.506	1.413	1.385	1.306		1.385	5.9
4,6-Dinitro-2-methylphenol		0.042	0.047	0.057	0.071	0.079	0.059	26.7
Anthracene-d10	0.911	1.046	0.989	0.959	0.918		0.965	5.8
Pyrene-d10	1.126	1.281	1.200	1.194	1.143		1.189	5.1
Benzo(a)pyrene-d12	0.992	1.128	1.079	1.081	1.065		1.069	4.6
N-Nitroso-di-n-propylamine	1.159	1.402	1.409	1.386	1.372		1.346	7.8

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 00:22

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	45117	7.965	214110	10.76	160520	14.59
	UPPER LIMIT	90234	8.465	428220	11.261	321040	15.085
	LOWER LIMIT	22558.5	7.465	107055	10.261	80260	14.085
	EPA SAMPLE NO.						
01	SBLK446	60872	7.96	279657	10.75	229487	14.58
02	SBLK447	13744 *	7.96	52074 *	10.75	35186 *	14.57
03	E05T8	56877	7.96	269439	10.75	219848	14.58
04	E05T9	68948	7.96	317005	10.75	263337	14.57
05	E05W2	57987	7.96	267542	10.75	213783	14.57
06	E05W4	72641	7.96	333768	10.75	270827	14.57
07	E05W5	66261	7.96	304225	10.75	250975	14.58
08	E05X9	52835	7.96	243136	10.75	198362	14.58
09	E05W7	66749	7.96	308939	10.75	242338	14.58
10	E05W7MS	70837	7.96	316777	10.75	244148	14.58
11	E05W7MSD	59939	7.96	276507	10.75	214428	14.58
12	SLCS446	69653	7.96	326631	10.75	255269	14.58
13	SLCS305	69613	7.96	325891	10.75	252609	14.57
14	SBLK451	60889	7.96	279358	10.75	229702	14.57
15	SBLK447	53586	7.96	248517	10.75	215614	14.57
16	E05X2	71545	7.96	344671	10.75	272748	14.57
17	E05X4	70348	7.96	340748	10.75	261167	14.57
18	E05X6	79189	7.95	376532	10.75	288474	14.57
19	SLCS451	77225	7.96	359675	10.75	275563	14.57
20	E1GF7	68806	7.96	320868	10.75	255031	14.58
21	E1GF8	77232	7.96	374295	10.75	293655	14.57
22	E05Z8	55065	7.96	267291	10.75	211623	14.57
23	E05T4	66929	7.96	316228	10.75	242880	14.57

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427

Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062234.D

Time Analyzed: 21:38

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	45117	7.965	214110	10.76	160520	14.59
	UPPER LIMIT	90234	8.465	428220	11.261	321040	15.085
	LOWER LIMIT	22558.5	7.465	107055	10.261	80260	14.085
	EPA SAMPLE NO.						
24	E05T4MS	60552	7.96	291073	10.75	221558	14.57
25	E05T4MSD	61226	7.96	283503	10.75	213545	14.58
26	SBLK448	75526	7.96	373254	10.75	294246	14.57
27	SBLK447	60998	7.96	294871	10.75	233783	14.57
28	E05Z0	62416	7.96	298659	10.75	228959	14.57
29	E05Z1	65126	7.96	309696	10.75	238015	14.58
30	E05T5	57988	7.96	274993	10.75	211171	14.57
31	E05T6	65167	7.96	310515	10.75	236089	14.57
32	E05T7	59415	7.96	280934	10.75	209343	14.58
33	SLCS448	66290	7.96	317387	10.75	248356	14.58
34	SLCS447	73942	7.96	335347	10.75	254089	14.58
35	SBLK597	41398	7.96	189031	10.75	147280	14.58
36	SLCS448	68635	7.96	310221	10.75	253468	14.58
37	E0AB7	56149	7.96	272365	10.75	212493	14.57
38	E0AB8	51662	7.96	253814	10.75	198104	14.57
39	E0AB5	53372	7.96	261088	10.75	204044	14.57
40	E0AB6	54930	7.96	271542	10.75	205755	14.57
41	E0AD5	48223	7.96	247289	10.75	197751	14.57

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 13:16

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	45117	7.965	214110	10.76	160520	14.59
UPPER LIMIT	90234	8.465	428220	11.261	321040	15.085
LOWER LIMIT	22558.5	7.465	107055	10.261	80260	14.085
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020596 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062312.D Time Analyzed: 00:22

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	60810	7.958	280662	10.75	234353	14.58
UPPER LIMIT	121620	8.458	561324	11.254	468706	15.078
LOWER LIMIT	30405	7.458	140331	10.254	117176.5	14.078
EPA SAMPLE NO.						
01 SBLK446	60872	7.96	279657	10.75	229487	14.58
02 SBLK447	13744 *	7.96	52074 *	10.75	35186 *	14.57
03 E05T8	56877	7.96	269439	10.75	219848	14.58
04 E05T9	68948	7.96	317005	10.75	263337	14.57
05 E05W2	57987	7.96	267542	10.75	213783	14.57
06 E05W4	72641	7.96	333768	10.75	270827	14.57
07 E05W5	66261	7.96	304225	10.75	250975	14.58
08 E05X9	52835	7.96	243136	10.75	198362	14.58
09 E05W7	66749	7.96	308939	10.75	242338	14.58
10 E05W7MS	70837	7.96	316777	10.75	244148	14.58
11 E05W7MSD	59939	7.96	276507	10.75	214428	14.58
12 SLCS446	69653	7.96	326631	10.75	255269	14.58
13 SLCS305	69613	7.96	325891	10.75	252609	14.57

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020598 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062328.D Time Analyzed: 14:45

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	66648	7.959	306739	10.75	255020	14.57
UPPER LIMIT	133296	8.459	613478	11.249	510040	15.074
LOWER LIMIT	33324	7.459	153369.5	10.249	127510	14.074
EPA SAMPLE NO.						
01 SBLK451	60889	7.96	279358	10.75	229702	14.57
02 SBLK447	53586	7.96	248517	10.75	215614	14.57
03 E05X2	71545	7.96	344671	10.75	272748	14.57
04 E05X4	70348	7.96	340748	10.75	261167	14.57
05 E05X6	79189	7.95	376532	10.75	288474	14.57
06 SLCS451	77225	7.96	359675	10.75	275563	14.57
07 E1GF7	68806	7.96	320868	10.75	255031	14.58
08 E1GF8	77232	7.96	374295	10.75	293655	14.57
09 E05Z8	55065	7.96	267291	10.75	211623	14.57
10 E05T4	66929	7.96	316228	10.75	242880	14.57
11 E05T4MS	60552	7.96	291073	10.75	221558	14.57
12 E05T4MSD	61226	7.96	283503	10.75	213545	14.58

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020599 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BG062341.D Time Analyzed: 01:05

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	56415	7.957	267016	10.75	204366	14.57
UPPER LIMIT	112830	8.457	534032	11.254	408732	15.072
LOWER LIMIT	28207.5	7.457	133508	10.254	102183	14.072
EPA SAMPLE NO.						
01 SBLK448	75526	7.96	373254	10.75	294246	14.57
02 SBLK447	60998	7.96	294871	10.75	233783	14.57
03 E05Z0	62416	7.96	298659	10.75	228959	14.57
04 E05Z1	65126	7.96	309696	10.75	238015	14.58
05 E05T5	57988	7.96	274993	10.75	211171	14.57
06 E05T6	65167	7.96	310515	10.75	236089	14.57
07 E05T7	59415	7.96	280934	10.75	209343	14.58
08 SLCS448	66290	7.96	317387	10.75	248356	14.58
09 SLCS447	73942	7.96	335347	10.75	254089	14.58

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020600 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BG062351.D Time Analyzed: 09:08

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	67848	7.959	326015	10.75	246248	14.57
UPPER LIMIT	135696	8.459	652030	11.249	492496	15.073
LOWER LIMIT	33924	7.459	163007.5	10.249	123124	14.073
EPA SAMPLE NO.						
01 SBLK597	41398	7.96	189031	10.75	147280	14.58
02 SLCS448	68635	7.96	310221	10.75	253468	14.58
03 E0AB7	56149	7.96	272365	10.75	212493	14.57
04 E0AB8	51662	7.96	253814	10.75	198104	14.57
05 E0AB5	53372	7.96	261088	10.75	204044	14.57
06 E0AB6	54930	7.96	271542	10.75	205755	14.57
07 E0AD5	48223	7.96	247289	10.75	197751	14.57

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 00:22

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	357990	17.329	353741	21.576	398635	24.672
	UPPER LIMIT	715980	17.829	707482	22.076	797270	25.172
	LOWER LIMIT	178995	16.829	176870.5	21.076	199317.5	24.172
	EPA SAMPLE NO.						
01	SBLK446	483647	17.31	476843	21.55	556069	24.64
02	SBLK447	71675 *	17.32	71384 *	21.55	74156 *	24.63
03	E05T8	472370	17.32	472445	21.55	547821	24.65
04	E05T9	562019	17.32	559000	21.55	648089	24.64
05	E05W2	457164	17.31	449779	21.55	522729	24.64
06	E05W4	569869	17.32	553493	21.55	637643	24.65
07	E05W5	527006	17.32	511306	21.55	598240	24.64
08	E05X9	441042	17.31	429566	21.55	500645	24.64
09	E05W7	512665	17.31	496541	21.56	572188	24.64
10	E05W7MS	521039	17.31	513905	21.56	592908	24.65
11	E05W7MSD	454270	17.32	448651	21.56	517567	24.64
12	SLCS446	542768	17.32	540182	21.56	616474	24.64
13	SLCS305	525666	17.32	514596	21.56	582714	24.64
14	SBLK451	503295	17.32	509014	21.55	596020	24.64
15	SBLK447	468467	17.31	474320	21.55	555689	24.64
16	E05X2	562422	17.31	554776	21.55	620727	24.64
17	E05X4	550847	17.31	538662	21.55	628310	24.64
18	E05X6	602842	17.31	587583	21.55	690330	24.64
19	SLCS451	585075	17.31	568158	21.55	641939	24.64
20	E1GF7	550386	17.31	553265	21.55	648345	24.64
21	E1GF8	627433	17.32	626780	21.55	734113	24.64

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 20:15

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	357990	17.329	353741	21.576	398635	24.672
	UPPER LIMIT	715980	17.829	707482	22.076	797270	25.172
	LOWER LIMIT	178995	16.829	176870.5	21.076	199317.5	24.172
	EPA SAMPLE NO.						
22	E05Z8	471083	17.31	466569	21.55	548022	24.64
23	E05T4	527181	17.31	526106	21.55	609442	24.64
24	E05T4MS	475595	17.32	467891	21.55	534955	24.64
25	E05T4MSD	457899	17.31	450555	21.55	517170	24.64
26	SBLK448	638948	17.32	646220	21.55	761420	24.64
27	SBLK447	495725	17.32	498239	21.55	580118	24.64
28	E05Z0	484763	17.32	477291	21.55	553266	24.64
29	E05Z1	516227	17.31	513276	21.55	602374	24.64
30	E05T5	450937	17.31	444486	21.55	513406	24.64
31	E05T6	503993	17.32	494458	21.55	576299	24.64
32	E05T7	448193	17.31	439301	21.55	511385	24.64
33	SLCS448	532677	17.31	529971	21.55	602463	24.64
34	SLCS447	534221	17.32	546898	21.56	620251	24.64
35	SBLK597	310274	17.32	319920	21.56	368253	24.64
36	SLCS448	527128	17.32	534859	21.56	607510	24.64
37	E0AB7	461830	17.31	455637	21.55	529701	24.64
38	E0AB8	425982	17.32	422484	21.55	489485	24.64
39	E0AB5	439110	17.31	429549	21.55	500316	24.64
40	E0AB6	432483	17.31	427709	21.55	497980	24.64
41	E0AD5	430205	17.31	425196	21.55	493018	24.64

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 13:16

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	357990	17.329	353741	21.576	398635	24.672
UPPER LIMIT	715980	17.829	707482	22.076	797270	25.172
LOWER LIMIT	178995	16.829	176870.5	21.076	199317.5	24.172
EPA SAMPLE NO.						

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020596 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062312.D Time Analyzed: 00:22

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	511560	17.316	526895	21.557	604367	24.641
UPPER LIMIT	1023120	17.816	1053790	22.057	1208734	25.141
LOWER LIMIT	255780	16.816	263447.5	21.057	302183.5	24.141
EPA SAMPLE NO.						
01 SBLK446	483647	17.31	476843	21.55	556069	24.64
02 SBLK447	71675 *	17.32	71384 *	21.55	74156 *	24.63
03 E05T8	472370	17.32	472445	21.55	547821	24.65
04 E05T9	562019	17.32	559000	21.55	648089	24.64
05 E05W2	457164	17.31	449779	21.55	522729	24.64
06 E05W4	569869	17.32	553493	21.55	637643	24.65
07 E05W5	527006	17.32	511306	21.55	598240	24.64
08 E05X9	441042	17.31	429566	21.55	500645	24.64
09 E05W7	512665	17.31	496541	21.56	572188	24.64
10 E05W7MS	521039	17.31	513905	21.56	592908	24.65
11 E05W7MSD	454270	17.32	448651	21.56	517567	24.64
12 SLCS446	542768	17.32	540182	21.56	616474	24.64
13 SLCS305	525666	17.32	514596	21.56	582714	24.64

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020598 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062328.D Time Analyzed: 14:45

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	551345	17.317	556337	21.552	638279	24.636
UPPER LIMIT	1102690	17.817	1112674	22.052	1276558	25.136
LOWER LIMIT	275672.5	16.817	278168.5	21.052	319139.5	24.136
EPA SAMPLE NO.						
01 SBLK451	503295	17.32	509014	21.55	596020	24.64
02 SBLK447	468467	17.31	474320	21.55	555689	24.64
03 E05X2	562422	17.31	554776	21.55	620727	24.64
04 E05X4	550847	17.31	538662	21.55	628310	24.64
05 E05X6	602842	17.31	587583	21.55	690330	24.64
06 SLCS451	585075	17.31	568158	21.55	641939	24.64
07 E1GF7	550386	17.31	553265	21.55	648345	24.64
08 E1GF8	627433	17.32	626780	21.55	734113	24.64
09 E05Z8	471083	17.31	466569	21.55	548022	24.64
10 E05T4	527181	17.31	526106	21.55	609442	24.64
11 E05T4MS	475595	17.32	467891	21.55	534955	24.64
12 E05T4MSD	457899	17.31	450555	21.55	517170	24.64

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020599 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BG062341.D Time Analyzed: 01:05

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	442957	17.315	438048	21.551	504808	24.635
UPPER LIMIT	885914	17.815	876096	22.051	1009616	25.135
LOWER LIMIT	221478.5	16.815	219024	21.051	252404	24.135
EPA SAMPLE NO.						
01 SBLK448	638948	17.32	646220	21.55	761420	24.64
02 SBLK447	495725	17.32	498239	21.55	580118	24.64
03 E05Z0	484763	17.32	477291	21.55	553266	24.64
04 E05Z1	516227	17.31	513276	21.55	602374	24.64
05 E05T5	450937	17.31	444486	21.55	513406	24.64
06 E05T6	503993	17.32	494458	21.55	576299	24.64
07 E05T7	448193	17.31	439301	21.55	511385	24.64
08 SLCS448	532677	17.31	529971	21.55	602463	24.64
09 SLCS447	534221	17.32	546898	21.56	620251	24.64

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020600 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BG062351.D Time Analyzed: 09:08

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	519601	17.311	522125	21.552	599780	24.636
UPPER LIMIT	1039202	17.811	1044250	22.052	1199560	25.136
LOWER LIMIT	259800.5	16.811	261062.5	21.052	299890	24.136
EPA SAMPLE NO.						
01 SBLK597	310274	17.32	319920	21.56	368253	24.64
02 SLCS448	527128	17.32	534859	21.56	607510	24.64
03 E0AB7	461830	17.31	455637	21.55	529701	24.64
04 E0AB8	425982	17.32	422484	21.55	489485	24.64
05 E0AB5	439110	17.31	429549	21.55	500316	24.64
06 E0AB6	432483	17.31	427709	21.55	497980	24.64
07 E0AD5	430205	17.31	425196	21.55	493018	24.64

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.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162305BS	1,4-Dioxane	16	8.4	ug/L	52				0	0		
	Benzaldehyde	40	27	ug/L	68				0	0		
	Pyridine	40	24	ug/L	60				0	0		
	Phenol	40	28	ug/L	70				0	0		
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0		
	2-Chlorophenol	40	28	ug/L	70				0	0		
	2-Methylphenol	40	27	ug/L	68				0	0		
	2,2-oxybis(1-Chloropropane)	40	27	ug/L	68				0	0		
	Acetophenone	40	27	ug/L	68				0	0		
	4-Methylphenol	40	28	ug/L	70				0	0		
	N-Nitroso-di-n-propylamine	40	28	ug/L	70				0	0		
	Hexachloroethane	40	29	ug/L	73				0	0		
	Nitrobenzene	40	32	ug/L	80				0	0		
	Isophorone	40	27	ug/L	68				0	0		
	2-Nitrophenol	40	37	ug/L	93				0	0		
	2,4-Dimethylphenol	40	21	ug/L	52				0	0		
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				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	27	ug/L	68				0	0		
	Caprolactam	40	28	ug/L	70				0	0		
	4-Chloro-3-methylphenol	40	30	ug/L	75				0	0		
	1-Methylnaphthalene	40	28	ug/L	70				0	0		
	2-Methylnaphthalene	40	29	ug/L	73				0	0		
	Hexachlorocyclopentadiene	40	29	ug/L	73				0	0		
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0		
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0		
	1,1'-Biphenyl	40	27	ug/L	68				0	0		
	2-Chloronaphthalene	40	27	ug/L	68				0	0		
	2-Nitroaniline	40	35	ug/L	88				0	0		
	Dimethylphthalate	40	26	ug/L	65				0	0		
	2,6-Dinitrotoluene	40	38	ug/L	95				0	0		
	Acenaphthylene	40	27	ug/L	68				0	0		
	3-Nitroaniline	40	32	ug/L	80				0	0		
	Acenaphthene	40	26	ug/L	65				0	0		
	2,4-Dinitrophenol	40	43	ug/L	108				0	0		
	4-Nitrophenol	40	29	ug/L	73				0	0		
	Dibenzofuran	40	26	ug/L	65				0	0		
	2,4-Dinitrotoluene	40	40	ug/L	100				0	0		
	Diethylphthalate	40	25	ug/L	63				0	0		
	Fluorene	40	26	ug/L	65				0	0		
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0		
	4-Nitroaniline	40	35	ug/L	88				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG080824**

Client:

Analytical Method: **SFAM_SVOC**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162305BS	4,6-Dinitro-2-methylphenol	40	46	ug/L	115				0	0		
	N-Nitrosodiphenylamine	40	28	ug/L	70				0	0		
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0		
	Hexachlorobenzene	40	28	ug/L	70				0	0		
	Atrazine	40	2.6	ug/L	7				0	0		
	Pentachlorophenol	40	24	ug/L	60				0	0		
	Phenanthrene	40	28	ug/L	70				0	0		
	Pentachlorobenzene	40	28	ug/L	70				0	0		
	Anthracene	40	27	ug/L	68				0	0		
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	Carbazole	40	28	ug/L	70				0	0		
	Di-n-butylphthalate	40	28	ug/L	70				0	0		
	Fluoranthene	40	28	ug/L	70				0	0		
	Pyrene	40	28	ug/L	70				0	0		
	Butylbenzylphthalate	40	29	ug/L	73				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	28	ug/L	70				0	0		
	Di-n-octylphthalate	40	28	ug/L	70				0	0		
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(k)fluoranthene	40	28	ug/L	70				0	0		
	Benzo(a)pyrene	40	27	ug/L	68				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	28	ug/L	70				0	0		
	2,3,4,6-Tetrachlorophenol	40	25	ug/L	63				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162446BS	1,4-Dioxane	16	9.1	ug/L	57				0	0		
	Benzaldehyde	40	27	ug/L	68				0	0		
	Pyridine	40	25	ug/L	63				0	0		
	Phenol	40	28	ug/L	70				0	0		
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0		
	2-Chlorophenol	40	28	ug/L	70				0	0		
	2-Methylphenol	40	27	ug/L	68				0	0		
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0		
	Acetophenone	40	27	ug/L	68				0	0		
	4-Methylphenol	40	28	ug/L	70				0	0		
	N-Nitroso-di-n-propylamine	40	28	ug/L	70				0	0		
	Hexachloroethane	40	29	ug/L	73				0	0		
	Nitrobenzene	40	33	ug/L	83				0	0		
	Isophorone	40	27	ug/L	68				0	0		
	2-Nitrophenol	40	38	ug/L	95				0	0		
	2,4-Dimethylphenol	40	23	ug/L	58				0	0		
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0		
	2,4-Dichlorophenol	40	28	ug/L	70				0	0		
	Naphthalene	40	27	ug/L	68				0	0		
	4-Chloroaniline	40	23	ug/L	58				0	0		
	Hexachlorobutadiene	40	26	ug/L	65				0	0		
	Caprolactam	40	29	ug/L	73				0	0		
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0		
	1-Methylnaphthalene	40	28	ug/L	70				0	0		
	2-Methylnaphthalene	40	29	ug/L	73				0	0		
	Hexachlorocyclopentadiene	40	30	ug/L	75				0	0		
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0		
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0		
	1,1'-Biphenyl	40	27	ug/L	68				0	0		
	2-Chloronaphthalene	40	27	ug/L	68				0	0		
	2-Nitroaniline	40	35	ug/L	88				0	0		
	Dimethylphthalate	40	26	ug/L	65				0	0		
	2,6-Dinitrotoluene	40	37	ug/L	93				0	0		
	Acenaphthylene	40	28	ug/L	70				0	0		
	3-Nitroaniline	40	33	ug/L	83				0	0		
	Acenaphthene	40	26	ug/L	65				0	0		
	2,4-Dinitrophenol	40	42	ug/L	105				0	0		
	4-Nitrophenol	40	29	ug/L	73				0	0		
	Dibenzofuran	40	27	ug/L	68				0	0		
	2,4-Dinitrotoluene	40	40	ug/L	100				0	0		
	Diethylphthalate	40	26	ug/L	65				0	0		
	Fluorene	40	26	ug/L	65				0	0		
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0		
	4-Nitroaniline	40	35	ug/L	88				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162446BS	4,6-Dinitro-2-methylphenol	40	45	ug/L	113					0	0	
	N-Nitrosodiphenylamine	40	27	ug/L	68					0	0	
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70					0	0	
	4-Bromophenyl-phenylether	40	29	ug/L	73					0	0	
	Hexachlorobenzene	40	28	ug/L	70					0	0	
	Atrazine	40	2.9	ug/L	7					0	0	
	Pentachlorophenol	40	25	ug/L	63					0	0	
	Phenanthrene	40	27	ug/L	68					0	0	
	Pentachlorobenzene	40	27	ug/L	68					0	0	
	Anthracene	40	27	ug/L	68					0	0	
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73					0	0	
	Carbazole	40	28	ug/L	70					0	0	
	Di-n-butylphthalate	40	28	ug/L	70					0	0	
	Fluoranthene	40	27	ug/L	68					0	0	
	Pyrene	40	27	ug/L	68					0	0	
	Butylbenzylphthalate	40	29	ug/L	73					0	0	
	3,3'-Dichlorobenzidine	40	31	ug/L	78					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	28	ug/L	70					0	0	
	Di-n-octylphthalate	40	29	ug/L	73					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	27	ug/L	68					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	28	ug/L	70					0	0	
	2,3,4,6-Tetrachlorophenol	40	26	ug/L	65					0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162447BS	1,4-Dioxane	16	8.5	ug/L	53				0	0		
	Benzaldehyde	40	26	ug/L	65				0	0		
	Pyridine	40	24	ug/L	60				0	0		
	Phenol	40	27	ug/L	68				0	0		
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0		
	2-Chlorophenol	40	27	ug/L	68				0	0		
	2-Methylphenol	40	26	ug/L	65				0	0		
	2,2-oxybis(1-Chloropropane)	40	27	ug/L	68				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	26	ug/L	65				0	0		
	Hexachloroethane	40	28	ug/L	70				0	0		
	Nitrobenzene	40	31	ug/L	78				0	0		
	Isophorone	40	26	ug/L	65				0	0		
	2-Nitrophenol	40	37	ug/L	93				0	0		
	2,4-Dimethylphenol	40	20	ug/L	50				0	0		
	Bis(2-chloroethoxy)methane	40	26	ug/L	65				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	26	ug/L	65				0	0		
	Caprolactam	40	25	ug/L	63				0	0		
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0		
	1-Methylnaphthalene	40	27	ug/L	68				0	0		
	2-Methylnaphthalene	40	28	ug/L	70				0	0		
	Hexachlorocyclopentadiene	40	26	ug/L	65				0	0		
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0		
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0		
	1,1'-Biphenyl	40	27	ug/L	68				0	0		
	2-Chloronaphthalene	40	27	ug/L	68				0	0		
	2-Nitroaniline	40	35	ug/L	88				0	0		
	Dimethylphthalate	40	26	ug/L	65				0	0		
	2,6-Dinitrotoluene	40	37	ug/L	93				0	0		
	Acenaphthylene	40	27	ug/L	68				0	0		
	3-Nitroaniline	40	32	ug/L	80				0	0		
	Acenaphthene	40	26	ug/L	65				0	0		
	2,4-Dinitrophenol	40	45	ug/L	113				0	0		
	4-Nitrophenol	40	30	ug/L	75				0	0		
	Dibenzofuran	40	26	ug/L	65				0	0		
	2,4-Dinitrotoluene	40	41	ug/L	103				0	0		
	Diethylphthalate	40	25	ug/L	63				0	0		
	Fluorene	40	26	ug/L	65				0	0		
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0		
	4-Nitroaniline	40	35	ug/L	88				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162447BS	4,6-Dinitro-2-methylphenol	40	47	ug/L	117				0	0		
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0		
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0		
	Hexachlorobenzene	40	28	ug/L	70				0	0		
	Atrazine	40	2.4	ug/L	6				0	0		
	Pentachlorophenol	40	24	ug/L	60				0	0		
	Phenanthrene	40	27	ug/L	68				0	0		
	Pentachlorobenzene	40	27	ug/L	68				0	0		
	Anthracene	40	26	ug/L	65				0	0		
	1,2,3,4-Tetrachlorobenzene	40	30	ug/L	75				0	0		
	Carbazole	40	27	ug/L	68				0	0		
	Di-n-butylphthalate	40	28	ug/L	70				0	0		
	Fluoranthene	40	27	ug/L	68				0	0		
	Pyrene	40	26	ug/L	65				0	0		
	Butylbenzylphthalate	40	28	ug/L	70				0	0		
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0		
	Benzo(a)anthracene	40	27	ug/L	68				0	0		
	Chrysene	40	27	ug/L	68				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	27	ug/L	68				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	28	ug/L	70				0	0		
	2,3,4,6-Tetrachlorophenol	40	25	ug/L	63				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162448BS	1,4-Dioxane	530	310	ug/Kg	58				0	0		
	1,4-Dioxane	530	330	ug/Kg	62				0	0		
	Benzaldehyde	1300	990	ug/Kg	76				0	0		
	Benzaldehyde	1300	970	ug/Kg	75				0	0		
	Pyridine	1300	930	ug/Kg	72				0	0		
	Pyridine	1300	870	ug/Kg	67				0	0		
	Phenol	1300	1000	ug/Kg	77				0	0		
	Phenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethyl)ether	1300	950	ug/Kg	73				0	0		
	Bis(2-chloroethyl)ether	1300	980	ug/Kg	75				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Chlorophenol	1300	970	ug/Kg	75				0	0		
	2-Methylphenol	1300	960	ug/Kg	74				0	0		
	2-Methylphenol	1300	990	ug/Kg	76				0	0		
	2,2-oxybis(1-Chloropropane)	1300	990	ug/Kg	76				0	0		
	2,2-oxybis(1-Chloropropane)	1300	960	ug/Kg	74				0	0		
	Acetophenone	1300	950	ug/Kg	73				0	0		
	Acetophenone	1300	970	ug/Kg	75				0	0		
	4-Methylphenol	1300	990	ug/Kg	76				0	0		
	4-Methylphenol	1300	970	ug/Kg	75				0	0		
	N-Nitroso-di-n-propylamine	1300	980	ug/Kg	75				0	0		
	N-Nitroso-di-n-propylamine	1300	970	ug/Kg	75				0	0		
	Hexachloroethane	1300	1000	ug/Kg	77				0	0		
	Hexachloroethane	1300	1000	ug/Kg	77				0	0		
	Nitrobenzene	1300	1200	ug/Kg	92				0	0		
	Nitrobenzene	1300	1100	ug/Kg	85				0	0		
	Isophorone	1300	960	ug/Kg	74				0	0		
	Isophorone	1300	980	ug/Kg	75				0	0		
	2-Nitrophenol	1300	1400	ug/Kg	108				0	0		
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	2,4-Dimethylphenol	1300	750	ug/Kg	58				0	0		
	2,4-Dimethylphenol	1300	750	ug/Kg	58				0	0		
	Bis(2-chloroethoxy)methane	1300	990	ug/Kg	76				0	0		
	Bis(2-chloroethoxy)methane	1300	960	ug/Kg	74				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	970	ug/Kg	75				0	0		
	Naphthalene	1300	980	ug/Kg	75				0	0		
	4-Chloroaniline	1300	820	ug/Kg	63				0	0		
	4-Chloroaniline	1300	820	ug/Kg	63				0	0		
	Hexachlorobutadiene	1300	930	ug/Kg	72				0	0		
	Hexachlorobutadiene	1300	960	ug/Kg	74				0	0		
	Caprolactam	1300	1000	ug/Kg	77				0	0		
	Caprolactam	1300	960	ug/Kg	74				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162448BS	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	Hexachlorocyclopentadiene	1300	930	ug/Kg	72				0	0		
	Hexachlorocyclopentadiene	1300	960	ug/Kg	74				0	0		
	2,4,6-Trichlorophenol	1300	950	ug/Kg	73				0	0		
	2,4,6-Trichlorophenol	1300	930	ug/Kg	72				0	0		
	2,4,5-Trichlorophenol	1300	980	ug/Kg	75				0	0		
	2,4,5-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	1,1'-Biphenyl	1300	970	ug/Kg	75				0	0		
	1,1'-Biphenyl	1300	930	ug/Kg	72				0	0		
	2-Chloronaphthalene	1300	940	ug/Kg	72				0	0		
	2-Chloronaphthalene	1300	980	ug/Kg	75				0	0		
	2-Nitroaniline	1300	1300	ug/Kg	100				0	0		
	2-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Dimethylphthalate	1300	910	ug/Kg	70				0	0		
	Dimethylphthalate	1300	940	ug/Kg	72				0	0		
	2,6-Dinitrotoluene	1300	1300	ug/Kg	100				0	0		
	2,6-Dinitrotoluene	1300	1300	ug/Kg	100				0	0		
	Acenaphthylene	1300	950	ug/Kg	73				0	0		
	Acenaphthylene	1300	990	ug/Kg	76				0	0		
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Acenaphthene	1300	900	ug/Kg	69				0	0		
	Acenaphthene	1300	930	ug/Kg	72				0	0		
	2,4-Dinitrophenol	1300	1700	ug/Kg	131				0	0		
	2,4-Dinitrophenol	1300	1600	ug/Kg	123				0	0		
	4-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	4-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	Dibenzofuran	1300	950	ug/Kg	73				0	0		
	Dibenzofuran	1300	910	ug/Kg	70				0	0		
	2,4-Dinitrotoluene	1300	1400	ug/Kg	108				0	0		
	2,4-Dinitrotoluene	1300	1500	ug/Kg	115				0	0		
	Diethylphthalate	1300	930	ug/Kg	72				0	0		
	Diethylphthalate	1300	890	ug/Kg	68				0	0		
	Fluorene	1300	910	ug/Kg	70				0	0		
	Fluorene	1300	940	ug/Kg	72				0	0		
	4-Chlorophenyl-phenylether	1300	960	ug/Kg	74				0	0		
	4-Chlorophenyl-phenylether	1300	910	ug/Kg	70				0	0		
	4-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	4-Nitroaniline	1300	1300	ug/Kg	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162448BS	4,6-Dinitro-2-methylphenol	1300	1700	ug/Kg	131				0	0		
	4,6-Dinitro-2-methylphenol	1300	1700	ug/Kg	131				0	0		
	N-Nitrosodiphenylamine	1300	980	ug/Kg	75				0	0		
	N-Nitrosodiphenylamine	1300	980	ug/Kg	75				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	990	ug/Kg	76				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	4-Bromophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	4-Bromophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	Hexachlorobenzene	1300	980	ug/Kg	75				0	0		
	Hexachlorobenzene	1300	980	ug/Kg	75				0	0		
	Atrazine	1300	93	ug/Kg	7				0	0		
	Atrazine	1300	88	ug/Kg	7				0	0		
	Pentachlorophenol	1300	860	ug/Kg	66				0	0		
	Pentachlorophenol	1300	810	ug/Kg	62				0	0		
	Phenanthrene	1300	960	ug/Kg	74				0	0		
	Phenanthrene	1300	970	ug/Kg	75				0	0		
	Pentachlorobenzene	1300	970	ug/Kg	75				0	0		
	Pentachlorobenzene	1300	950	ug/Kg	73				0	0		
	Anthracene	1300	930	ug/Kg	72				0	0		
	Anthracene	1300	940	ug/Kg	72				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Carbazole	1300	970	ug/Kg	75				0	0		
	Carbazole	1300	980	ug/Kg	75				0	0		
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluoranthene	1300	950	ug/Kg	73				0	0		
	Fluoranthene	1300	970	ug/Kg	75				0	0		
	Pyrene	1300	960	ug/Kg	74				0	0		
	Pyrene	1300	940	ug/Kg	72				0	0		
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0		
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	Benzo(a)anthracene	1300	960	ug/Kg	74				0	0		
	Benzo(a)anthracene	1300	990	ug/Kg	76				0	0		
	Chrysene	1300	990	ug/Kg	76				0	0		
	Chrysene	1300	960	ug/Kg	74				0	0		
	Bis(2-ethylhexyl)phthalate	1300	970	ug/Kg	75				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0		
	Benzo(b)fluoranthene	1300	980	ug/Kg	75				0	0		
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162448BS	Benzo(k)fluoranthene	1300	1000	ug/Kg	77				0	0	
	Benzo(k)fluoranthene	1300	990	ug/Kg	76				0	0	
	Benzo(a)pyrene	1300	950	ug/Kg	73				0	0	
	Benzo(a)pyrene	1300	970	ug/Kg	75				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0	
	Indeno(1,2,3-cd)pyrene	1300	970	ug/Kg	75				0	0	
	Dibenzo(a,h)anthracene	1300	1000	ug/Kg	77				0	0	
	Dibenzo(a,h)anthracene	1300	1000	ug/Kg	77				0	0	
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0	
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0	
	2,3,4,6-Tetrachlorophenol	1300	860	ug/Kg	66				0	0	
	2,3,4,6-Tetrachlorophenol	1300	890	ug/Kg	68				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162451BS	1,4-Dioxane	16	8.5	ug/L	53				0	0		
	Benzaldehyde	40	25	ug/L	63				0	0		
	Pyridine	40	23	ug/L	58				0	0		
	Phenol	40	26	ug/L	65				0	0		
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0		
	2-Chlorophenol	40	27	ug/L	68				0	0		
	2-Methylphenol	40	26	ug/L	65				0	0		
	2,2-oxybis(1-Chloropropane)	40	26	ug/L	65				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	26	ug/L	65				0	0		
	Hexachloroethane	40	27	ug/L	68				0	0		
	Nitrobenzene	40	31	ug/L	78				0	0		
	Isophorone	40	26	ug/L	65				0	0		
	2-Nitrophenol	40	35	ug/L	88				0	0		
	2,4-Dimethylphenol	40	20	ug/L	50				0	0		
	Bis(2-chloroethoxy)methane	40	26	ug/L	65				0	0		
	2,4-Dichlorophenol	40	27	ug/L	68				0	0		
	Naphthalene	40	26	ug/L	65				0	0		
	4-Chloroaniline	40	22	ug/L	55				0	0		
	Hexachlorobutadiene	40	26	ug/L	65				0	0		
	Caprolactam	40	26	ug/L	65				0	0		
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0		
	1-Methylnaphthalene	40	27	ug/L	68				0	0		
	2-Methylnaphthalene	40	27	ug/L	68				0	0		
	Hexachlorocyclopentadiene	40	26	ug/L	65				0	0		
	2,4,6-Trichlorophenol	40	26	ug/L	65				0	0		
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0		
	1,1'-Biphenyl	40	27	ug/L	68				0	0		
	2-Chloronaphthalene	40	27	ug/L	68				0	0		
	2-Nitroaniline	40	34	ug/L	85				0	0		
	Dimethylphthalate	40	26	ug/L	65				0	0		
	2,6-Dinitrotoluene	40	37	ug/L	93				0	0		
	Acenaphthylene	40	27	ug/L	68				0	0		
	3-Nitroaniline	40	32	ug/L	80				0	0		
	Acenaphthene	40	25	ug/L	63				0	0		
	2,4-Dinitrophenol	40	45	ug/L	113				0	0		
	4-Nitrophenol	40	29	ug/L	73				0	0		
	Dibenzofuran	40	26	ug/L	65				0	0		
	2,4-Dinitrotoluene	40	39	ug/L	98				0	0		
	Diethylphthalate	40	25	ug/L	63				0	0		
	Fluorene	40	26	ug/L	65				0	0		
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0		
	4-Nitroaniline	40	35	ug/L	88				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162451BS	4,6-Dinitro-2-methylphenol	40	46	ug/L	115				0	0		
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0		
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	28	ug/L	70				0	0		
	Atrazine	40	2.2	ug/L	6				0	0		
	Pentachlorophenol	40	24	ug/L	60				0	0		
	Phenanthrene	40	27	ug/L	68				0	0		
	Pentachlorobenzene	40	27	ug/L	68				0	0		
	Anthracene	40	26	ug/L	65				0	0		
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	Carbazole	40	27	ug/L	68				0	0		
	Di-n-butylphthalate	40	27	ug/L	68				0	0		
	Fluoranthene	40	27	ug/L	68				0	0		
	Pyrene	40	26	ug/L	65				0	0		
	Butylbenzylphthalate	40	29	ug/L	73				0	0		
	3,3'-Dichlorobenzidine	40	29	ug/L	73				0	0		
	Benzo(a)anthracene	40	27	ug/L	68				0	0		
	Chrysene	40	27	ug/L	68				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	28	ug/L	70				0	0		
	Benzo(a)pyrene	40	26	ug/L	65				0	0		
	Indeno(1,2,3-cd)pyrene	40	27	ug/L	68				0	0		
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0		
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0		
	2,3,4,6-Tetrachlorophenol	40	24	ug/L	60				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS305

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG080824

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062325.D

Lab Sample ID: PB162305BS

Instrument ID: BNA_G

Date Extracted: 07/25/2024

Matrix: (soil/water) Water

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 08:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162305BS	PB162305BS	BG062325.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK446

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG080824

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062313.D

Lab Sample ID: PB162446BL

Instrument ID: BNA_G

Date Extracted: 08/01/2024

Matrix: (soil/water) Water

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 00:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E05T8	P3437-01	BG062315.D	08/08/2024
E05T9	P3437-02	BG062316.D	08/08/2024
E05W2	P3437-03	BG062317.D	08/08/2024
E05W4	P3437-04	BG062318.D	08/08/2024
E05W5	P3437-05	BG062319.D	08/08/2024
E05X9	P3437-12	BG062320.D	08/08/2024
PB162446BS	PB162446BS	BG062324.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK447

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG080824

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062343.D

Lab Sample ID: PB162447BL

Instrument ID: BNA_G

Date Extracted: 08/01/2024

Matrix: (soil/water) Water

Date Analyzed: 08/09/2024

Level: (low/med) LOW

Time Analyzed: 01:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E05X2	P3437-09	BG062331.D	08/08/2024
E05X4	P3437-10	BG062332.D	08/08/2024
E05X6	P3437-11	BG062333.D	08/08/2024
E05W7	P3437-06	BG062321.D	08/08/2024
E05W7MS	P3437-07MS	BG062322.D	08/08/2024
E05W7MSD	P3437-08MSD	BG062323.D	08/08/2024
PB162447BS	PB162447BS	BG062350.D	08/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK448

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG080824

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062342.D

Lab Sample ID: PB162448BL

Instrument ID: BNA_G

Date Extracted: 08/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/09/2024

Level: (low/med) LOW

Time Analyzed: 01:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162448BS	PB162448BS	BG062353.D	08/09/2024
E05Z0	P3434-09	BG062344.D	08/09/2024
E05Z1	P3434-10	BG062345.D	08/09/2024
E05T5	P3434-04	BG062346.D	08/09/2024
E05T6	P3434-05	BG062347.D	08/09/2024
E05T7	P3434-06	BG062348.D	08/09/2024
PB162448BS	PB162448BS	BG062349.D	08/09/2024
E05Z8	P3434-14	BG062337.D	08/08/2024
E05T4	P3434-01	BG062338.D	08/08/2024
E05T4MS	P3434-02MS	BG062339.D	08/08/2024
E05T4MSD	P3434-03MSD	BG062340.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK451

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG080824

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062329.D

Lab Sample ID: PB162451BL

Instrument ID: BNA_G

Date Extracted: 08/01/2024

Matrix: (soil/water) Water

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 14:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162451BS	PB162451BS	BG062334.D	08/08/2024
E1GF7	P3401-11	BG062335.D	08/08/2024
E1GF8	P3401-12	BG062336.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK597

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG080824

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062352.D

Lab Sample ID: PB162597BL

Instrument ID: BNA_G

Date Extracted: 08/08/2024

Matrix: (soil/water) Water

Date Analyzed: 08/09/2024

Level: (low/med) LOW

Time Analyzed: 09:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0AB7	P3480-16	BG062354.D	08/09/2024
E0AB8	P3480-17	BG062355.D	08/09/2024
E0AB5	P3480-18	BG062356.D	08/09/2024
E0AB6	P3480-19	BG062357.D	08/09/2024
E0AD5	P3480-21	BG062358.D	08/09/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3434-02MS	Client Sample ID:	E05T4MS				DataFile:	BG062339.D			
1,4-Dioxane	530		360	ug/Kg	68				15	120	
Benzaldehyde	1300		1200	ug/Kg	92				0	0	
Pyridine	1300		970	ug/Kg	75				0	0	
Phenol	1300		1100	ug/Kg	85				26	90	
Bis(2-chloroethyl)ether	1300		1100	ug/Kg	85				0	0	
2-Chlorophenol	1300		1100	ug/Kg	85				25	102	
2-Methylphenol	1300		1100	ug/Kg	85				0	0	
2,2-oxybis(1-Chloropropane)	1300		1100	ug/Kg	85				0	0	
Acetophenone	1300		1100	ug/Kg	85				0	0	
4-Methylphenol	1300		1100	ug/Kg	85				0	0	
N-Nitroso-di-n-propylamine	1300		1100	ug/Kg	85				41	126	
Hexachloroethane	1300		1100	ug/Kg	85				0	0	
Nitrobenzene	1300		1300	ug/Kg	100				0	0	
Isophorone	1300		1100	ug/Kg	85				0	0	
2-Nitrophenol	1300		1500	ug/Kg	115				0	0	
2,4-Dimethylphenol	1300		760	ug/Kg	58				0	0	
Bis(2-chloroethoxy)methane	1300		1100	ug/Kg	85				0	0	
2,4-Dichlorophenol	1300		1200	ug/Kg	92				0	0	
Naphthalene	1300		1100	ug/Kg	85				0	0	
4-Chloroaniline	1300		950	ug/Kg	73				0	0	
Hexachlorobutadiene	1300		1100	ug/Kg	85				0	0	
Caprolactam	1300		1100	ug/Kg	85				0	0	
4-Chloro-3-methylphenol	1300		1200	ug/Kg	92				26	103	
1-Methylnaphthalene	1300		1100	ug/Kg	85				0	0	
2-Methylnaphthalene	1300		1200	ug/Kg	92				0	0	
Hexachlorocyclopentadiene	1300		1100	ug/Kg	85				0	0	
2,4,6-Trichlorophenol	1300		1300	ug/Kg	100				0	0	
2,4,5-Trichlorophenol	1300		1300	ug/Kg	100				0	0	
1,1'-Biphenyl	1300		1100	ug/Kg	85				0	0	
2-Chloronaphthalene	1300		1100	ug/Kg	85				0	0	
2-Nitroaniline	1300		1500	ug/Kg	115				0	0	
Dimethylphthalate	1300		1100	ug/Kg	85				0	0	
2,6-Dinitrotoluene	1300		1600	ug/Kg	123				0	0	
Acenaphthylene	1300		1100	ug/Kg	85				0	0	
3-Nitroaniline	1300		1300	ug/Kg	100				0	0	
Acenaphthene	1300		1100	ug/Kg	85				31	137	
2,4-Dinitrophenol	1300		1900	ug/Kg	146				0	0	
4-Nitrophenol	1300		1300	ug/Kg	100				11	114	
Dibenzofuran	1300		1100	ug/Kg	85				0	0	
2,4-Dinitrotoluene	1300		1600	ug/Kg	123	*			28	89	
Diethylphthalate	1300		1100	ug/Kg	85				0	0	
Fluorene	1300		1100	ug/Kg	85				0	0	
4-Chlorophenyl-phenylether	1300		1100	ug/Kg	85				0	0	
4-Nitroaniline	1300		1400	ug/Kg	108				0	0	
4,6-Dinitro-2-methylphenol	1300		1900	ug/Kg	146				0	0	
N-Nitrosodiphenylamine	1300		1100	ug/Kg	85				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1300		1200	ug/Kg	92				0	0	
4-Bromophenyl-phenylether	1300		1200	ug/Kg	92				0	0	
Hexachlorobenzene	1300		1200	ug/Kg	92				0	0	
Atrazine	1300		1000	ug/Kg	77				0	0	
Pentachlorophenol	1300		1400	ug/Kg	108				17	109	
Phenanthrene	1300		1100	ug/Kg	85				0	0	
Pentachlorobenzene	1300		1100	ug/Kg	85				0	0	
Anthracene	1300		1100	ug/Kg	85				0	0	
1,2,3,4-Tetrachlorobenzene	1300		1200	ug/Kg	92				0	0	
Carbazole	1300		1100	ug/Kg	85				0	0	
Di-n-butylphthalate	1300		1200	ug/Kg	92				0	0	
Fluoranthene	1300		1100	ug/Kg	85				0	0	
Pyrene	1300		1100	ug/Kg	85				35	142	
Butylbenzylphthalate	1300		1200	ug/Kg	92				0	0	
3,3'-Dichlorobenzidine	1300		1100	ug/Kg	85				0	0	
Benzo(a)anthracene	1300		1200	ug/Kg	92				0	0	
Chrysene	1300		1100	ug/Kg	85				0	0	
Bis(2-ethylhexyl)phthalate	1300		1200	ug/Kg	92				0	0	
Di-n-octylphthalate	1300		1200	ug/Kg	92				0	0	
Benzo(b)fluoranthene	1300		1200	ug/Kg	92				0	0	
Benzo(k)fluoranthene	1300		1200	ug/Kg	92				0	0	
Benzo(a)pyrene	1300		1100	ug/Kg	85				0	0	
Indeno(1,2,3-cd)pyrene	1300		1200	ug/Kg	92				0	0	
Dibenzo(a,h)anthracene	1300		1200	ug/Kg	92				0	0	
Benzo(g,h,i)perylene	1300		1200	ug/Kg	92				0	0	
2,3,4,6-Tetrachlorophenol	1300		1300	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3434-03MSD	Client Sample ID:	E05T4MSD					DataFile:	BG062340.D		
1,4-Dioxane	530		310	ug/Kg	58		16		15	120	50
Benzaldehyde	1300		1100	ug/Kg	85		8	*	0	0	0
Pyridine	1300		800	ug/Kg	62		19	*	0	0	0
Phenol	1300		990	ug/Kg	76		11		26	90	35
Bis(2-chloroethyl)ether	1300		950	ug/Kg	73		15	*	0	0	0
2-Chlorophenol	1300		970	ug/Kg	75		13		25	102	50
2-Methylphenol	1300		940	ug/Kg	72		17	*	0	0	0
2,2-oxybis(1-Chloropropane)	1300		960	ug/Kg	74		14	*	0	0	0
Acetophenone	1300		950	ug/Kg	73		15	*	0	0	0
4-Methylphenol	1300		980	ug/Kg	75		13	*	0	0	0
N-Nitroso-di-n-propylamine	1300		980	ug/Kg	75		13		41	126	38
Hexachloroethane	1300		990	ug/Kg	76		11	*	0	0	0
Nitrobenzene	1300		1100	ug/Kg	85		16	*	0	0	0
Isophorone	1300		970	ug/Kg	75		13	*	0	0	0
2-Nitrophenol	1300		1400	ug/Kg	108		6	*	0	0	0
2,4-Dimethylphenol	1300		730	ug/Kg	56		4	*	0	0	0
Bis(2-chloroethoxy)methane	1300		980	ug/Kg	75		13	*	0	0	0
2,4-Dichlorophenol	1300		1100	ug/Kg	85		8	*	0	0	0
Naphthalene	1300		980	ug/Kg	75		13	*	0	0	0
4-Chloroaniline	1300		830	ug/Kg	64		13	*	0	0	0
Hexachlorobutadiene	1300		970	ug/Kg	75		13	*	0	0	0
Caprolactam	1300		920	ug/Kg	71		18	*	0	0	0
4-Chloro-3-methylphenol	1300		1100	ug/Kg	85		8		26	103	33
1-Methylnaphthalene	1300		1000	ug/Kg	77		10	*	0	0	0
2-Methylnaphthalene	1300		1100	ug/Kg	85		8	*	0	0	0
Hexachlorocyclopentadiene	1300		970	ug/Kg	75		13	*	0	0	0
2,4,6-Trichlorophenol	1300		1100	ug/Kg	85		16	*	0	0	0
2,4,5-Trichlorophenol	1300		1100	ug/Kg	85		16	*	0	0	0
1,1'-Biphenyl	1300		1000	ug/Kg	77		10	*	0	0	0
2-Chloronaphthalene	1300		1000	ug/Kg	77		10	*	0	0	0
2-Nitroaniline	1300		1300	ug/Kg	100		14	*	0	0	0
Dimethylphthalate	1300		980	ug/Kg	75		13	*	0	0	0
2,6-Dinitrotoluene	1300		1400	ug/Kg	108		13	*	0	0	0
Acenaphthylene	1300		1000	ug/Kg	77		10	*	0	0	0
3-Nitroaniline	1300		1200	ug/Kg	92		8	*	0	0	0
Acenaphthene	1300		980	ug/Kg	75		13		31	137	19
2,4-Dinitrophenol	1300		1700	ug/Kg	131		11	*	0	0	0
4-Nitrophenol	1300		1100	ug/Kg	85		16		11	114	50
Dibenzofuran	1300		1000	ug/Kg	77		10	*	0	0	0
2,4-Dinitrotoluene	1300		1500	ug/Kg	115	*	7		28	89	47
Diethylphthalate	1300		950	ug/Kg	73		15	*	0	0	0
Fluorene	1300		990	ug/Kg	76		11	*	0	0	0
4-Chlorophenyl-phenylether	1300		980	ug/Kg	75		13	*	0	0	0
4-Nitroaniline	1300		1200	ug/Kg	92		16	*	0	0	0
4,6-Dinitro-2-methylphenol	1300		1700	ug/Kg	131		11	*	0	0	0
N-Nitrosodiphenylamine	1300		1000	ug/Kg	77		10	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1300		1100	ug/Kg	85	8	*		0	0	0
4-Bromophenyl-phenylether	1300		1100	ug/Kg	85	8	*		0	0	0
Hexachlorobenzene	1300		1000	ug/Kg	77	18	*		0	0	0
Atrazine	1300		940	ug/Kg	72	7	*		0	0	0
Pentachlorophenol	1300		1200	ug/Kg	92	16			17	109	47
Phenanthrene	1300		1000	ug/Kg	77	10	*		0	0	0
Pentachlorobenzene	1300		990	ug/Kg	76	11	*		0	0	0
Anthracene	1300		970	ug/Kg	75	13	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1300		1100	ug/Kg	85	8	*		0	0	0
Carbazole	1300		1000	ug/Kg	77	10	*		0	0	0
Di-n-butylphthalate	1300		1000	ug/Kg	77	18	*		0	0	0
Fluoranthene	1300		1000	ug/Kg	77	10	*		0	0	0
Pyrene	1300		1000	ug/Kg	77	10			35	142	36
Butylbenzylphthalate	1300		1100	ug/Kg	85	8	*		0	0	0
3,3'-Dichlorobenzidine	1300		990	ug/Kg	76	11	*		0	0	0
Benzo(a)anthracene	1300		1000	ug/Kg	77	18	*		0	0	0
Chrysene	1300		1000	ug/Kg	77	10	*		0	0	0
Bis(2-ethylhexyl)phthalate	1300		1000	ug/Kg	77	18	*		0	0	0
Di-n-octylphthalate	1300		1000	ug/Kg	77	18	*		0	0	0
Benzo(b)fluoranthene	1300		1000	ug/Kg	77	18	*		0	0	0
Benzo(k)fluoranthene	1300		1000	ug/Kg	77	18	*		0	0	0
Benzo(a)pyrene	1300		1000	ug/Kg	77	10	*		0	0	0
Indeno(1,2,3-cd)pyrene	1300		1000	ug/Kg	77	18	*		0	0	0
Dibenzo(a,h)anthracene	1300		1000	ug/Kg	77	18	*		0	0	0
Benzo(g,h,i)perylene	1300		1100	ug/Kg	85	8	*		0	0	0
2,3,4,6-Tetrachlorophenol	1300		1200	ug/Kg	92	8	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3437-07MS	Client Sample ID:	E05W7MS					DataFile:	BG062322.D		
1,4-Dioxane	16		3.2	ug/L	20				15	120	
Benzaldehyde	40		15	ug/L	38				0	0	
Pyridine	40		9.4	ug/L	23				0	0	
Phenol	40		6	ug/L	15				12	110	
Bis(2-chloroethyl)ether	40		13	ug/L	33				0	0	
2-Chlorophenol	40		14	ug/L	35				27	123	
2-Methylphenol	40		13	ug/L	33				0	0	
2,2-oxybis(1-Chloropropane)	40		12	ug/L	30				0	0	
Acetophenone	40		13	ug/L	33				0	0	
4-Methylphenol	40		12	ug/L	30				0	0	
N-Nitroso-di-n-propylamine	40		13	ug/L	33	*			41	116	
Hexachloroethane	40		13	ug/L	33				0	0	
Nitrobenzene	40		15	ug/L	38				0	0	
Isophorone	40		13	ug/L	33				0	0	
2-Nitrophenol	40		17	ug/L	43				0	0	
2,4-Dimethylphenol	40		14	ug/L	35				0	0	
Bis(2-chloroethoxy)methane	40		13	ug/L	33				0	0	
2,4-Dichlorophenol	40		15	ug/L	38				0	0	
Naphthalene	40		13	ug/L	33				0	0	
4-Chloroaniline	40		20	ug/L	50				0	0	
Hexachlorobutadiene	40		12	ug/L	30				0	0	
Caprolactam	40		4.5	ug/L	11				0	0	
4-Chloro-3-methylphenol	40		17	ug/L	43				23	97	
1-Methylnaphthalene	40		13	ug/L	33				0	0	
2-Methylnaphthalene	40		14	ug/L	35				0	0	
Hexachlorocyclopentadiene	40		11	ug/L	28				0	0	
2,4,6-Trichlorophenol	40		15	ug/L	38				0	0	
2,4,5-Trichlorophenol	40		16	ug/L	40				0	0	
1,1'-Biphenyl	40		13	ug/L	33				0	0	
2-Chloronaphthalene	40		13	ug/L	33				0	0	
2-Nitroaniline	40		19	ug/L	48				0	0	
Dimethylphthalate	40		14	ug/L	35				0	0	
2,6-Dinitrotoluene	40		18	ug/L	45				0	0	
Acenaphthylene	40		13	ug/L	33				0	0	
3-Nitroaniline	40		24	ug/L	60				0	0	
Acenaphthene	40		13	ug/L	33	*			46	118	
2,4-Dinitrophenol	40		19	ug/L	48				0	0	
4-Nitrophenol	40		7.5	ug/L	19				10	80	
Dibenzofuran	40		13	ug/L	33				0	0	
2,4-Dinitrotoluene	40		19	ug/L	48				24	96	
Diethylphthalate	40		13	ug/L	33				0	0	
Fluorene	40		13	ug/L	33				0	0	
4-Chlorophenyl-phenylether	40		14	ug/L	35				0	0	
4-Nitroaniline	40		22	ug/L	55				0	0	
4,6-Dinitro-2-methylphenol	40		21	ug/L	52				0	0	
N-Nitrosodiphenylamine	40		14	ug/L	35				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		14	ug/L	35				0	0	
4-Bromophenyl-phenylether	40		14	ug/L	35				0	0	
Hexachlorobenzene	40		14	ug/L	35				0	0	
Atrazine	40		14	ug/L	35				0	0	
Pentachlorophenol	40		16	ug/L	40				9	103	
Phenanthrene	40		14	ug/L	35				0	0	
Pentachlorobenzene	40		13	ug/L	33				0	0	
Anthracene	40		14	ug/L	35				0	0	
1,2,3,4-Tetrachlorobenzene	40		14	ug/L	35				0	0	
Carbazole	40		15	ug/L	38				0	0	
Di-n-butylphthalate	40		15	ug/L	38				0	0	
Fluoranthene	40		14	ug/L	35				0	0	
Pyrene	40		14	ug/L	35				26	127	
Butylbenzylphthalate	40		15	ug/L	38				0	0	
3,3'-Dichlorobenzidine	40		11	ug/L	28				0	0	
Benzo(a)anthracene	40		14	ug/L	35				0	0	
Chrysene	40		14	ug/L	35				0	0	
Bis(2-ethylhexyl)phthalate	40		15	ug/L	38				0	0	
Di-n-octylphthalate	40		15	ug/L	38				0	0	
Benzo(b)fluoranthene	40		14	ug/L	35				0	0	
Benzo(k)fluoranthene	40		14	ug/L	35				0	0	
Benzo(a)pyrene	40		13	ug/L	33				0	0	
Indeno(1,2,3-cd)pyrene	40		14	ug/L	35				0	0	
Dibenzo(a,h)anthracene	40		14	ug/L	35				0	0	
Benzo(g,h,i)perylene	40		14	ug/L	35				0	0	
2,3,4,6-Tetrachlorophenol	40		16	ug/L	40				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3437-08MSD	Client Sample ID:	E05W7MSD					DataFile:	BG062323.D		
1,4-Dioxane	16		4.1	ug/L	26		26		15	120	50
Benzaldehyde	40		17	ug/L	43		12	*	0	0	0
Pyridine	40		11	ug/L	28		20	*	0	0	0
Phenol	40		6.9	ug/L	17		13		12	110	42
Bis(2-chloroethyl)ether	40		15	ug/L	38		14	*	0	0	0
2-Chlorophenol	40		16	ug/L	40		13		27	123	40
2-Methylphenol	40		15	ug/L	38		14	*	0	0	0
2,2-oxybis(1-Chloropropane)	40		14	ug/L	35		15	*	0	0	0
Acetophenone	40		15	ug/L	38		14	*	0	0	0
4-Methylphenol	40		14	ug/L	35		15	*	0	0	0
N-Nitroso-di-n-propylamine	40		15	ug/L	38	*	14		41	116	38
Hexachloroethane	40		15	ug/L	38		14	*	0	0	0
Nitrobenzene	40		17	ug/L	43		12	*	0	0	0
Isophorone	40		15	ug/L	38		14	*	0	0	0
2-Nitrophenol	40		19	ug/L	48		11	*	0	0	0
2,4-Dimethylphenol	40		16	ug/L	40		13	*	0	0	0
Bis(2-chloroethoxy)methane	40		15	ug/L	38		14	*	0	0	0
2,4-Dichlorophenol	40		17	ug/L	43		12	*	0	0	0
Naphthalene	40		14	ug/L	35		6	*	0	0	0
4-Chloroaniline	40		22	ug/L	55		10	*	0	0	0
Hexachlorobutadiene	40		13	ug/L	33		10	*	0	0	0
Caprolactam	40		4.8	ug/L	12		9	*	0	0	0
4-Chloro-3-methylphenol	40		19	ug/L	48		11		23	97	42
1-Methylnaphthalene	40		15	ug/L	38		14	*	0	0	0
2-Methylnaphthalene	40		15	ug/L	38		8	*	0	0	0
Hexachlorocyclopentadiene	40		13	ug/L	33		16	*	0	0	0
2,4,6-Trichlorophenol	40		17	ug/L	43		12	*	0	0	0
2,4,5-Trichlorophenol	40		18	ug/L	45		12	*	0	0	0
1,1'-Biphenyl	40		15	ug/L	38		14	*	0	0	0
2-Chloronaphthalene	40		15	ug/L	38		14	*	0	0	0
2-Nitroaniline	40		21	ug/L	52		8	*	0	0	0
Dimethylphthalate	40		15	ug/L	38		8	*	0	0	0
2,6-Dinitrotoluene	40		20	ug/L	50		11	*	0	0	0
Acenaphthylene	40		14	ug/L	35		6	*	0	0	0
3-Nitroaniline	40		27	ug/L	68		13	*	0	0	0
Acenaphthene	40		14	ug/L	35	*	6		46	118	31
2,4-Dinitrophenol	40		22	ug/L	55		14	*	0	0	0
4-Nitrophenol	40		8.4	ug/L	21		10		10	80	50
Dibenzofuran	40		15	ug/L	38		14	*	0	0	0
2,4-Dinitrotoluene	40		22	ug/L	55		14		24	96	38
Diethylphthalate	40		15	ug/L	38		14	*	0	0	0
Fluorene	40		15	ug/L	38		14	*	0	0	0
4-Chlorophenyl-phenylether	40		15	ug/L	38		8	*	0	0	0
4-Nitroaniline	40		25	ug/L	63		14	*	0	0	0
4,6-Dinitro-2-methylphenol	40		24	ug/L	60		14	*	0	0	0
N-Nitrosodiphenylamine	40		16	ug/L	40		13	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		15	ug/L	38		8	*	0	0	0
4-Bromophenyl-phenylether	40		16	ug/L	40		13	*	0	0	0
Hexachlorobenzene	40		16	ug/L	40		13	*	0	0	0
Atrazine	40		16	ug/L	40		13	*	0	0	0
Pentachlorophenol	40		18	ug/L	45		12		9	103	50
Phenanthrene	40		16	ug/L	40		13	*	0	0	0
Pentachlorobenzene	40		15	ug/L	38		14	*	0	0	0
Anthracene	40		15	ug/L	38		8	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		15	ug/L	38		8	*	0	0	0
Carbazole	40		16	ug/L	40		5	*	0	0	0
Di-n-butylphthalate	40		17	ug/L	43		12	*	0	0	0
Fluoranthene	40		16	ug/L	40		13	*	0	0	0
Pyrene	40		16	ug/L	40		13		26	127	31
Butylbenzylphthalate	40		17	ug/L	43		12	*	0	0	0
3,3'-Dichlorobenzidine	40		12	ug/L	30		7	*	0	0	0
Benzo(a)anthracene	40		16	ug/L	40		13	*	0	0	0
Chrysene	40		16	ug/L	40		13	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		17	ug/L	43		12	*	0	0	0
Di-n-octylphthalate	40		16	ug/L	40		5	*	0	0	0
Benzo(b)fluoranthene	40		16	ug/L	40		13	*	0	0	0
Benzo(k)fluoranthene	40		16	ug/L	40		13	*	0	0	0
Benzo(a)pyrene	40		15	ug/L	38		14	*	0	0	0
Indeno(1,2,3-cd)pyrene	40		15	ug/L	38		8	*	0	0	0
Dibenzo(a,h)anthracene	40		15	ug/L	38		8	*	0	0	0
Benzo(g,h,i)perylene	40		16	ug/L	40		13	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		17	ug/L	43		7	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162305BS	PB162305BS	BG062325.D	1,4-Dioxane-d8	8	5.46	68		15	120
			Pyridine-d5	40	23.06	58		20	120
			Phenol-d5	40	28.45	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.51	69		25	120
			2-Chlorophenol-d4	40	27.74	69		20	130
			4-Methylphenol-d8	40	27.38	68		25	125
			Nitrobenzene-d5	40	34.42	86		20	125
			2-Nitrophenol-d4	40	41.25	103		20	130
			2,4-Dichlorophenol-d3	40	28.82	72		20	120
			4-Chloroaniline-d4	40	24.18	60		1	146
			Dimethylphthalate-d6	40	25.98	65		25	130
			Acenaphthylene-d8	40	26.36	66		10	130
			4-Nitrophenol-d4	40	30.65	77		10	150
			Fluorene-d10	40	26.66	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	48.21	121		10	130
			Anthracene-d10	40	26.59	66		25	130
			Pyrene-d10	40	27.68	69		15	130
			Benzo(a)pyrene-d12	40	27.35	68		20	130

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3437-01	E05T8	BG062315.D	1,4-Dioxane-d8	8	5.65	71		15	120
			Pyridine-d5	40	15.22	38		20	120
			Phenol-d5	40	15.31	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.71	52		25	120
			2-Chlorophenol-d4	40	20.34	51		20	130
			4-Methylphenol-d8	40	18.53	46		25	125
			Nitrobenzene-d5	40	25.63	64		20	125
			2-Nitrophenol-d4	40	28.29	71		20	130
			2,4-Dichlorophenol-d3	40	21.87	55		20	120
			4-Chloroaniline-d4	40	20.51	51		1	146
			Dimethylphthalate-d6	40	21.15	53		25	130
			Acenaphthylene-d8	40	21.20	53		10	130
			4-Nitrophenol-d4	40	11.41	29		10	150
			Fluorene-d10	40	21.55	54		25	125
			4,6-Dinitro-2-methylphenol-d2	40	14.20	36		10	130
			Anthracene-d10	40	22.71	57		25	130
			Pyrene-d10	40	22.90	57		15	130
			Benzo(a)pyrene-d12	40	23.37	58		20	130
P3437-02	E05T9	BG062316.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Pyridine-d5	40	11.09	28		20	120
			Phenol-d5	40	12.27	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.93	32		25	120
			2-Chlorophenol-d4	40	13.19	33		20	130
			4-Methylphenol-d8	40	12.45	31		25	125
			Nitrobenzene-d5	40	15.70	39		20	125
			2-Nitrophenol-d4	40	17.70	44		20	130
			2,4-Dichlorophenol-d3	40	13.66	34		20	120
			4-Chloroaniline-d4	40	12.95	32		1	146
			Dimethylphthalate-d6	40	12.57	31		25	130
			Acenaphthylene-d8	40	12.69	32		10	130
			4-Nitrophenol-d4	40	9.16	23		10	150
			Fluorene-d10	40	12.82	32		25	125
			4,6-Dinitro-2-methylphenol-d2	40	10.70	27		10	130
			Anthracene-d10	40	13.33	33		25	130
			Pyrene-d10	40	13.32	33		15	130
			Benzo(a)pyrene-d12	40	13.13	33		20	130
P3437-03	E05W2	BG062317.D	1,4-Dioxane-d8	8	4.36	55		15	120
			Pyridine-d5	40	8.94	22		20	120
			Phenol-d5	40	8.17	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.87	57		25	120
			2-Chlorophenol-d4	40	23.12	58		20	130
			4-Methylphenol-d8	40	17.79	44		25	125
			Nitrobenzene-d5	40	27.63	69		20	125
			2-Nitrophenol-d4	40	31.65	79		20	130
			2,4-Dichlorophenol-d3	40	26.38	66		20	120
			4-Chloroaniline-d4	40	23.30	58		1	146
			Dimethylphthalate-d6	40	23.66	59		25	130
			Acenaphthylene-d8	40	22.91	57		10	130
			4-Nitrophenol-d4	40	7.35	18		10	150

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3437-03	E05W2	BG062317.D	Fluorene-d10	40	23.59	59		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.02	70		10	130
			Anthracene-d10	40	24.59	61		25	130
			Pyrene-d10	40	25.35	63		15	130
			Benzo(a)pyrene-d12	40	24.92	62		20	130
P3437-04	E05W4	BG062318.D	1,4-Dioxane-d8	8	3.80	48		15	120
			Pyridine-d5	40	8.51	21		20	120
			Phenol-d5	40	6.87	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.29	48		25	120
			2-Chlorophenol-d4	40	19.38	48		20	130
			4-Methylphenol-d8	40	15.24	38		25	125
			Nitrobenzene-d5	40	23.37	58		20	125
			2-Nitrophenol-d4	40	27.52	69		20	130
			2,4-Dichlorophenol-d3	40	22.79	57		20	120
			4-Chloroaniline-d4	40	19.44	49		1	146
			Dimethylphthalate-d6	40	21.03	53		25	130
			Acenaphthylene-d8	40	19.68	49		10	130
			4-Nitrophenol-d4	40	7.24	18		10	150
			Fluorene-d10	40	21.11	53		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.84	65		10	130
			Anthracene-d10	40	22.77	57		25	130
			Pyrene-d10	40	23.51	59		15	130
			Benzo(a)pyrene-d12	40	23.88	60		20	130
			1,4-Dioxane-d8	8	3.76	47	*	15	120
			Pyridine-d5	40	5.36	13		20	120
P3437-05	E05W5	BG062319.D	Phenol-d5	40	8.31	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.73	62		25	120
			2-Chlorophenol-d4	40	23.62	59		20	130
			4-Methylphenol-d8	40	17.04	43		25	125
			Nitrobenzene-d5	40	30.95	77		20	125
			2-Nitrophenol-d4	40	36.70	92		20	130
			2,4-Dichlorophenol-d3	40	27.96	70		20	120
			4-Chloroaniline-d4	40	13.57	34		1	146
			Dimethylphthalate-d6	40	25.67	64		25	130
			Acenaphthylene-d8	40	24.20	60		10	130
			4-Nitrophenol-d4	40	8.22	21		10	150
			Fluorene-d10	40	25.44	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.33	93		10	130
			Anthracene-d10	40	27.71	69		25	130
			Pyrene-d10	40	29.27	73		15	130
			Benzo(a)pyrene-d12	40	29.33	73		20	130
			1,4-Dioxane-d8	8	4.45	56		15	120
			Pyridine-d5	40	9.33	23		20	120
			Phenol-d5	40	8.33	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.28	58		25	120
P3437-12	E05X9	BG062320.D	2-Chlorophenol-d4	40	22.55	56		20	130
			4-Methylphenol-d8	40	16.47	41		25	125
			Nitrobenzene-d5	40	27.51	69		20	125
			2-Nitrophenol-d4	40	32.11	80		20	130

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3437-12	E05X9	BG062320.D	2,4-Dichlorophenol-d3	40	25.68	64		20	120
			4-Chloroaniline-d4	40	19.59	49		1	146
			Dimethylphthalate-d6	40	24.45	61		25	130
			Acenaphthylene-d8	40	22.89	57		10	130
			4-Nitrophenol-d4	40	7.95	20		10	150
			Fluorene-d10	40	24.96	62		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.55	74		10	130
			Anthracene-d10	40	25.60	64		25	130
			Pyrene-d10	40	26.98	67		15	130
			Benzo(a)pyrene-d12	40	27.25	68		20	130
PB162446BL	PB162446BL	BG062313.D	1,4-Dioxane-d8	8	5.40	67		15	120
			Pyridine-d5	40	24.37	61		20	120
			Phenol-d5	40	26.60	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.56	66		25	120
			2-Chlorophenol-d4	40	25.93	65		20	130
			4-Methylphenol-d8	40	25.58	64		25	125
			Nitrobenzene-d5	40	32.80	82		20	125
			2-Nitrophenol-d4	40	37.99	95		20	130
			2,4-Dichlorophenol-d3	40	27.44	69		20	120
			4-Chloroaniline-d4	40	25.79	64		1	146
			Dimethylphthalate-d6	40	25.07	63		25	130
			Acenaphthylene-d8	40	25.32	63		10	130
			4-Nitrophenol-d4	40	24.04	60		10	150
			Fluorene-d10	40	25.62	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.58	76		10	130
			Anthracene-d10	40	26.73	67		25	130
			Pyrene-d10	40	26.77	67		15	130
			Benzo(a)pyrene-d12	40	26.21	66		20	130
PB162446BS	PB162446BS	BG062324.D	1,4-Dioxane-d8	8	5.50	69		15	120
			Pyridine-d5	40	24.32	61		20	120
			Phenol-d5	40	28.40	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.62	69		25	120
			2-Chlorophenol-d4	40	28.04	70		20	130
			4-Methylphenol-d8	40	27.80	69		25	125
			Nitrobenzene-d5	40	34.79	87		20	125
			2-Nitrophenol-d4	40	41.46	104		20	130
			2,4-Dichlorophenol-d3	40	28.90	72		20	120
			4-Chloroaniline-d4	40	24.44	61		1	146
			Dimethylphthalate-d6	40	25.74	64		25	130
			Acenaphthylene-d8	40	26.11	65		10	130
			4-Nitrophenol-d4	40	30.79	77		10	150
			Fluorene-d10	40	26.40	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	46.83	117		10	130
			Anthracene-d10	40	26.97	67		25	130
			Pyrene-d10	40	27.07	68		15	130
			Benzo(a)pyrene-d12	40	27.03	68		20	130

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3437-06	E05W7	BG062321.D	1,4-Dioxane-d8	8	3.18	40		15	120
			Pyridine-d5	40	7.54	19	*	20	120
			Phenol-d5	40	6.22	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.82	32		25	120
			2-Chlorophenol-d4	40	14.00	35		20	130
			4-Methylphenol-d8	40	11.66	29		25	125
			Nitrobenzene-d5	40	15.00	38		20	125
			2-Nitrophenol-d4	40	17.48	44		20	130
			2,4-Dichlorophenol-d3	40	14.24	36		20	120
			4-Chloroaniline-d4	40	18.22	46		1	146
			Dimethylphthalate-d6	40	12.77	32		25	130
			Acenaphthylene-d8	40	11.90	30		10	130
			4-Nitrophenol-d4	40	5.92	15		10	150
			Fluorene-d10	40	12.50	31		25	125
			4,6-Dinitro-2-methylphenol-d2	40	15.48	39		10	130
			Anthracene-d10	40	13.97	35		25	130
			Pyrene-d10	40	14.48	36		15	130
			Benzo(a)pyrene-d12	40	14.52	36		20	130
P3437-07MS	E05W7MS	BG062322.D	1,4-Dioxane-d8	8	3.75	47		15	120
			Pyridine-d5	40	9.72	24		20	120
			Phenol-d5	40	5.89	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.33	36		25	120
			2-Chlorophenol-d4	40	15.05	38		20	130
			4-Methylphenol-d8	40	11.59	29		25	125
			Nitrobenzene-d5	40	17.15	43		20	125
			2-Nitrophenol-d4	40	19.86	50		20	130
			2,4-Dichlorophenol-d3	40	16.29	41		20	120
			4-Chloroaniline-d4	40	22.65	57		1	146
			Dimethylphthalate-d6	40	14.30	36		25	130
			Acenaphthylene-d8	40	13.41	34		10	130
			4-Nitrophenol-d4	40	6.86	17		10	150
			Fluorene-d10	40	13.88	35		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.36	56		10	130
			Anthracene-d10	40	14.54	36		25	130
			Pyrene-d10	40	14.86	37		15	130
			Benzo(a)pyrene-d12	40	14.65	37		20	130
P3437-08MSD	E05W7MSD	BG062323.D	1,4-Dioxane-d8	8	4.01	50		15	120
			Pyridine-d5	40	10.50	26		20	120
			Phenol-d5	40	6.53	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.28	41		25	120
			2-Chlorophenol-d4	40	17.42	44		20	130
			4-Methylphenol-d8	40	13.67	34		25	125
			Nitrobenzene-d5	40	19.58	49		20	125
			2-Nitrophenol-d4	40	22.24	56		20	130
			2,4-Dichlorophenol-d3	40	18.19	45		20	120
			4-Chloroaniline-d4	40	25.89	65		1	146
			Dimethylphthalate-d6	40	15.80	39		25	130
			Acenaphthylene-d8	40	14.95	37		10	130
			4-Nitrophenol-d4	40	7.64	19		10	150

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3437-08MSD	E05W7MSD	BG062323.D	Fluorene-d10	40	15.36	38		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.39	61		10	130
			Anthracene-d10	40	16.19	40		25	130
			Pyrene-d10	40	16.57	41		15	130
			Benzo(a)pyrene-d12	40	16.60	42		20	130
P3437-09	E05X2	BG062331.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Pyridine-d5	40	5.92	15	*	20	120
			Phenol-d5	40	6.35	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.24	48		25	120
			2-Chlorophenol-d4	40	18.66	47		20	130
			4-Methylphenol-d8	40	12.99	32		25	125
			Nitrobenzene-d5	40	22.84	57		20	125
			2-Nitrophenol-d4	40	26.44	66		20	130
			2,4-Dichlorophenol-d3	40	20.65	52		20	120
			4-Chloroaniline-d4	40	15.58	39		1	146
			Dimethylphthalate-d6	40	19.56	49		25	130
			Acenaphthylene-d8	40	18.41	46		10	130
			4-Nitrophenol-d4	40	6.16	15		10	150
			Fluorene-d10	40	19.45	49		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.72	69		10	130
			Anthracene-d10	40	21.12	53		25	130
			Pyrene-d10	40	22.76	57		15	130
			Benzo(a)pyrene-d12	40	22.94	57		20	130
P3437-10	E05X4	BG062332.D	1,4-Dioxane-d8	8	4.34	54		15	120
			Pyridine-d5	40	9.13	23		20	120
			Phenol-d5	40	9.31	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.95	80		25	120
			2-Chlorophenol-d4	40	30.39	76		20	130
			4-Methylphenol-d8	40	21.48	54		25	125
			Nitrobenzene-d5	40	38.98	97		20	125
			2-Nitrophenol-d4	40	44.97	112		20	130
			2,4-Dichlorophenol-d3	40	33.80	85		20	120
			4-Chloroaniline-d4	40	18.66	47		1	146
			Dimethylphthalate-d6	40	32.25	81		25	130
			Acenaphthylene-d8	40	31.44	79		10	130
			4-Nitrophenol-d4	40	9.51	24		10	150
			Fluorene-d10	40	32.12	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	49.14	123		10	130
			Anthracene-d10	40	32.22	81		25	130
			Pyrene-d10	40	34.06	85		15	130
			Benzo(a)pyrene-d12	40	34.77	87		20	130
P3437-11	E05X6	BG062333.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Pyridine-d5	40	3.69	9	*	20	120
			Phenol-d5	40	7.85	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.18	55		25	120
			2-Chlorophenol-d4	40	22.52	56		20	130
			4-Methylphenol-d8	40	17.02	43		25	125
			Nitrobenzene-d5	40	27.69	69		20	125
			2-Nitrophenol-d4	40	32.46	81		20	130

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3437-11	E05X6	BG062333.D	2,4-Dichlorophenol-d3	40	24.65	62		20	120
			4-Chloroaniline-d4	40	1.47	4		1	146
			Dimethylphthalate-d6	40	22.93	57		25	130
			Acenaphthylene-d8	40	22.12	55		10	130
			4-Nitrophenol-d4	40	7.51	19		10	150
			Fluorene-d10	40	23.00	57		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.59	86		10	130
			Anthracene-d10	40	23.43	59		25	130
			Pyrene-d10	40	24.31	61		15	130
			Benzo(a)pyrene-d12	40	23.98	60		20	130
PB162447BL	PB162447BL	BG062330.D	1,4-Dioxane-d8	8	5.09	64		15	120
			Pyridine-d5	40	25.65	64		20	120
		BG062343.D	1,4-Dioxane-d8	8	4.75	59		15	120
		BG062314.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Pyridine-d5	40	22.59	56		20	120
		BG062343.D	Pyridine-d5	40	25.04	63		20	120
			Phenol-d5	40	27.11	68		10	130
		BG062314.D	Phenol-d5	40	22.68	57		10	130
		BG062330.D	Phenol-d5	40	26.96	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.76	64		25	120
		BG062314.D	Bis(2-Chloroethyl)ether-d8	40	23.88	60		25	120
		BG062343.D	Bis(2-Chloroethyl)ether-d8	40	26.11	65		25	120
		BG062314.D	2-Chlorophenol-d4	40	23.68	59		20	130
		BG062343.D	2-Chlorophenol-d4	40	27.45	69		20	130
		BG062330.D	2-Chlorophenol-d4	40	25.72	64		20	130
			4-Methylphenol-d8	40	26.81	67		25	125
		BG062314.D	4-Methylphenol-d8	40	20.31	51		25	125
		BG062343.D	4-Methylphenol-d8	40	26.83	67		25	125
			Nitrobenzene-d5	40	32.34	81		20	125
		BG062314.D	Nitrobenzene-d5	40	29.75	74		20	125
		BG062330.D	Nitrobenzene-d5	40	32.67	82		20	125
			2-Nitrophenol-d4	40	38.25	96		20	130
		BG062314.D	2-Nitrophenol-d4	40	30.63	77		20	130
		BG062343.D	2-Nitrophenol-d4	40	37.34	93		20	130
		BG062314.D	2,4-Dichlorophenol-d3	40	23.72	59		20	120
		BG062330.D	2,4-Dichlorophenol-d3	40	28.70	72		20	120
		BG062343.D	2,4-Dichlorophenol-d3	40	26.75	67		20	120
		BG062330.D	4-Chloroaniline-d4	40	26.68	67		1	146
		BG062314.D	4-Chloroaniline-d4	40	22.31	56		1	146
		BG062343.D	4-Chloroaniline-d4	40	26.34	66		1	146
			Dimethylphthalate-d6	40	25.02	63		25	130
		BG062314.D	Dimethylphthalate-d6	40	25.23	63		25	130
		BG062330.D	Dimethylphthalate-d6	40	25.35	63		25	130
			Acenaphthylene-d8	40	25.49	64		10	130
		BG062314.D	Acenaphthylene-d8	40	24.97	62		10	130
		BG062343.D	Acenaphthylene-d8	40	25.10	63		10	130
			4-Nitrophenol-d4	40	26.04	65		10	150
		BG062314.D	4-Nitrophenol-d4	40	13.64	34		10	150
		BG062330.D	4-Nitrophenol-d4	40	25.47	64		10	150

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162447BL	PB162447BL	BG062330.D	Fluorene-d10	40	26.10	65		25	125
		BG062314.D	Fluorene-d10	40	25.24	63		25	125
		BG062343.D	Fluorene-d10	40	25.74	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.66	84		10	130
		BG062314.D	4,6-Dinitro-2-methylphenol-d2	40	16.18	40		10	130
		BG062330.D	4,6-Dinitro-2-methylphenol-d2	40	29.66	74		10	130
			Anthracene-d10	40	26.99	67		25	130
		BG062314.D	Anthracene-d10	40	26.71	67		25	130
		BG062343.D	Anthracene-d10	40	26.87	67		25	130
			Pyrene-d10	40	26.74	67		15	130
		BG062314.D	Pyrene-d10	40	27.81	70		15	130
		BG062330.D	Pyrene-d10	40	26.84	67		15	130
			Benzo(a)pyrene-d12	40	26.46	66		20	130
		BG062314.D	Benzo(a)pyrene-d12	40	27.02	68		20	130
		BG062343.D	Benzo(a)pyrene-d12	40	26.68	67		20	130
PB162447BS	PB162447BS	BG062350.D	1,4-Dioxane-d8	8	5.00	62		15	120
			Pyridine-d5	40	23.16	58		20	120
			Phenol-d5	40	27.15	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.05	65		25	120
			2-Chlorophenol-d4	40	26.87	67		20	130
			4-Methylphenol-d8	40	25.83	65		25	125
			Nitrobenzene-d5	40	34.18	85		20	125
			2-Nitrophenol-d4	40	40.57	101		20	130
			2,4-Dichlorophenol-d3	40	28.81	72		20	120
			4-Chloroaniline-d4	40	23.78	59		1	146
			Dimethylphthalate-d6	40	25.37	63		25	130
			Acenaphthylene-d8	40	25.79	64		10	130
			4-Nitrophenol-d4	40	31.23	78		10	150
			Fluorene-d10	40	26.55	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	49.93	125		10	130
			Anthracene-d10	40	26.19	65		25	130
			Pyrene-d10	40	26.43	66		15	130
			Benzo(a)pyrene-d12	40	27.01	68		20	130

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3434-01	E05T4	BG062338.D	1,4-Dioxane-d8	8	3.19	40		15	120
			Pyridine-d5	40	19.20	48		20	120
			Phenol-d5	40	23.73	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.19	58		10	150
			2-Chlorophenol-d4	40	23.59	59		15	120
			4-Methylphenol-d8	40	23.42	59		10	140
			Nitrobenzene-d5	40	30.37	76		10	135
			2-Nitrophenol-d4	40	35.10	88		10	120
			2,4-Dichlorophenol-d3	40	26.06	65		10	140
			4-Chloroaniline-d4	40	24.32	61		1	145
			Dimethylphthalate-d6	40	26.19	65		10	145
			Acenaphthylene-d8	40	26.33	66		15	120
			4-Nitrophenol-d4	40	23.47	59		10	150
			Fluorene-d10	40	27.42	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.44	79		10	130
			Anthracene-d10	40	26.92	67		10	150
			Pyrene-d10	40	27.62	69		10	130
			Benzo(a)pyrene-d12	40	28.67	72		10	140
P3434-02MS	E05T4MS	BG062339.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Pyridine-d5	40	22.83	57		20	120
			Phenol-d5	40	28.80	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.40	71		10	150
			2-Chlorophenol-d4	40	29.45	74		15	120
			4-Methylphenol-d8	40	27.32	68		10	140
			Nitrobenzene-d5	40	36.68	92		10	135
			2-Nitrophenol-d4	40	43.91	110		10	120
			2,4-Dichlorophenol-d3	40	31.95	80		10	140
			4-Chloroaniline-d4	40	27.24	68		1	145
			Dimethylphthalate-d6	40	29.85	75		10	145
			Acenaphthylene-d8	40	30.20	76		15	120
			4-Nitrophenol-d4	40	29.79	74		10	150
			Fluorene-d10	40	30.69	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	48.49	121		10	130
			Anthracene-d10	40	30.42	76		10	150
			Pyrene-d10	40	31.17	78		10	130
			Benzo(a)pyrene-d12	40	32.86	82		10	140
P3434-03MSD	E05T4MSD	BG062340.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Pyridine-d5	40	19.01	48		20	120
			Phenol-d5	40	25.11	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.60	62		10	150
			2-Chlorophenol-d4	40	25.60	64		15	120
			4-Methylphenol-d8	40	23.59	59		10	140
			Nitrobenzene-d5	40	32.96	82		10	135
			2-Nitrophenol-d4	40	39.07	98		10	120
			2,4-Dichlorophenol-d3	40	28.41	71		10	140
			4-Chloroaniline-d4	40	23.80	60		1	145
			Dimethylphthalate-d6	40	26.47	66		10	145
			Acenaphthylene-d8	40	26.71	67		15	120
			4-Nitrophenol-d4	40	26.54	66		10	150

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3434-03MSD	E05T4MSD	BG062340.D	Fluorene-d10	40	27.09	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	42.69	107		10	130
			Anthracene-d10	40	27.33	68		10	150
			Pyrene-d10	40	27.61	69		10	130
			Benzo(a)pyrene-d12	40	28.84	72		10	140
P3434-04	E05T5	BG062346.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Pyridine-d5	40	14.78	37		20	120
			Phenol-d5	40	25.10	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.17	60		10	150
			2-Chlorophenol-d4	40	25.23	63		15	120
			4-Methylphenol-d8	40	25.26	63		10	140
			Nitrobenzene-d5	40	30.54	76		10	135
			2-Nitrophenol-d4	40	36.61	92		10	120
			2,4-Dichlorophenol-d3	40	26.83	67		10	140
			4-Chloroaniline-d4	40	23.96	60		1	145
			Dimethylphthalate-d6	40	25.88	65		10	145
			Acenaphthylene-d8	40	25.97	65		15	120
			4-Nitrophenol-d4	40	20.72	52		10	150
			Fluorene-d10	40	26.37	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.66	72		10	130
			Anthracene-d10	40	25.95	65		10	150
			Pyrene-d10	40	26.99	67		10	130
			Benzo(a)pyrene-d12	40	27.55	69		10	140
P3434-05	E05T6	BG062347.D	1,4-Dioxane-d8	8	1.84	23		15	120
			Pyridine-d5	40	9.60	24		20	120
			Phenol-d5	40	13.92	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.23	33		10	150
			2-Chlorophenol-d4	40	13.86	35		15	120
			4-Methylphenol-d8	40	13.90	35		10	140
			Nitrobenzene-d5	40	16.50	41		10	135
			2-Nitrophenol-d4	40	19.50	49		10	120
			2,4-Dichlorophenol-d3	40	14.99	37		10	140
			4-Chloroaniline-d4	40	13.09	33		1	145
			Dimethylphthalate-d6	40	15.12	38		10	145
			Acenaphthylene-d8	40	15.16	38		15	120
			4-Nitrophenol-d4	40	14.35	36		10	150
			Fluorene-d10	40	15.60	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.61	44		10	130
			Anthracene-d10	40	15.44	39		10	150
			Pyrene-d10	40	16.46	41		10	130
			Benzo(a)pyrene-d12	40	16.43	41		10	140
P3434-06	E05T7	BG062348.D	1,4-Dioxane-d8	8	2.74	34		15	120
			Pyridine-d5	40	15.49	39		20	120
			Phenol-d5	40	18.63	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.21	46		10	150
			2-Chlorophenol-d4	40	19.10	48		15	120
			4-Methylphenol-d8	40	18.21	46		10	140
			Nitrobenzene-d5	40	22.75	57		10	135
			2-Nitrophenol-d4	40	27.18	68		10	120

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3434-06	E05T7	BG062348.D	2,4-Dichlorophenol-d3	40	19.84	50		10	140
			4-Chloroaniline-d4	40	17.64	44		1	145
			Dimethylphthalate-d6	40	19.69	49		10	145
			Acenaphthylene-d8	40	19.64	49		15	120
			4-Nitrophenol-d4	40	18.51	46		10	150
			Fluorene-d10	40	20.40	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.25	58		10	130
			Anthracene-d10	40	19.84	50		10	150
			Pyrene-d10	40	21.08	53		10	130
			Benzo(a)pyrene-d12	40	21.22	53		10	140
P3434-09	E05Z0	BG062344.D	1,4-Dioxane-d8	8	2.34	29		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	14.29	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.59	36		10	150
			2-Chlorophenol-d4	40	15.24	38		15	120
			4-Methylphenol-d8	40	11.62	29		10	140
			Nitrobenzene-d5	40	17.60	44		10	135
			2-Nitrophenol-d4	40	20.71	52		10	120
			2,4-Dichlorophenol-d3	40	14.83	37		10	140
			4-Chloroaniline-d4	40	11.00	27		1	145
			Dimethylphthalate-d6	40	13.88	35		10	145
			Acenaphthylene-d8	40	13.82	35		15	120
			4-Nitrophenol-d4	40	10.57	26		10	150
			Fluorene-d10	40	14.22	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.69	34		10	130
			Anthracene-d10	40	14.14	35		10	150
			Pyrene-d10	40	12.72	32		10	130
			Benzo(a)pyrene-d12	40	9.70	24		10	140
P3434-10	E05Z1	BG062345.D	1,4-Dioxane-d8	8	3.33	42		15	120
			Pyridine-d5	40	17.39	43		20	120
			Phenol-d5	40	19.83	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.11	48		10	150
			2-Chlorophenol-d4	40	19.98	50		15	120
			4-Methylphenol-d8	40	20.29	51		10	140
			Nitrobenzene-d5	40	24.01	60		10	135
			2-Nitrophenol-d4	40	27.06	68		10	120
			2,4-Dichlorophenol-d3	40	20.57	51		10	140
			4-Chloroaniline-d4	40	19.34	48		1	145
			Dimethylphthalate-d6	40	20.36	51		10	145
			Acenaphthylene-d8	40	20.23	51		15	120
			4-Nitrophenol-d4	40	15.06	38		10	150
			Fluorene-d10	40	20.82	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.52	46		10	130
			Anthracene-d10	40	20.74	52		10	150
			Pyrene-d10	40	21.57	54		10	130
			Benzo(a)pyrene-d12	40	21.61	54		10	140
P3434-14	E05Z8	BG062337.D	1,4-Dioxane-d8	8	3.37	42		15	120
			Pyridine-d5	40	17.44	44		20	120
			Phenol-d5	40	19.39	48		10	130

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3434-14	E05Z8	BG062337.D	Bis(2-Chloroethyl)ether-d8	40	19.51	49		10	150
			2-Chlorophenol-d4	40	19.96	50		15	120
			4-Methylphenol-d8	40	19.99	50		10	140
			Nitrobenzene-d5	40	23.54	59		10	135
			2-Nitrophenol-d4	40	27.74	69		10	120
			2,4-Dichlorophenol-d3	40	20.75	52		10	140
			4-Chloroaniline-d4	40	20.03	50		1	145
			Dimethylphthalate-d6	40	20.68	52		10	145
			Acenaphthylene-d8	40	20.52	51		15	120
			4-Nitrophenol-d4	40	16.52	41		10	150
			Fluorene-d10	40	20.93	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.34	53		10	130
			Anthracene-d10	40	20.79	52		10	150
			Pyrene-d10	40	21.21	53		10	130
			Benzo(a)pyrene-d12	40	21.52	54		10	140
PB162448BL	PB162448BL	BG062342.D	1,4-Dioxane-d8	8	4.75	59		15	120
			Pyridine-d5	40	23.51	59		20	120
			Phenol-d5	40	25.21	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.30	61		10	150
			2-Chlorophenol-d4	40	25.00	62		15	120
			4-Methylphenol-d8	40	25.25	63		10	140
			Nitrobenzene-d5	40	29.96	75		10	135
			2-Nitrophenol-d4	40	35.72	89		10	120
			2,4-Dichlorophenol-d3	40	25.23	63		10	140
			4-Chloroaniline-d4	40	24.16	60		1	145
			Dimethylphthalate-d6	40	23.54	59		10	145
			Acenaphthylene-d8	40	23.59	59		15	120
			4-Nitrophenol-d4	40	25.36	63		10	150
			Fluorene-d10	40	24.10	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.85	85		10	130
			Anthracene-d10	40	24.58	61		10	150
PB162448BS	PB162448BS	BG062349.D	Pyrene-d10	40	24.59	61		10	130
			Benzo(a)pyrene-d12	40	24.17	60		10	140
			1,4-Dioxane-d8	8	5.78	72		15	120
			Pyridine-d5	40	26.78	67		20	120
		BG062353.D	1,4-Dioxane-d8	8	5.85	73		15	120
			Pyridine-d5	40	25.63	64		20	120
			Phenol-d5	40	30.15	75		10	130
		BG062349.D	Phenol-d5	40	31.26	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.64	74		10	150
		BG062353.D	Bis(2-Chloroethyl)ether-d8	40	28.39	71		10	150
			2-Chlorophenol-d4	40	29.16	73		15	120
		BG062349.D	2-Chlorophenol-d4	40	30.50	76		15	120
		BG062353.D	4-Methylphenol-d8	40	28.65	72		10	140
		BG062349.D	4-Methylphenol-d8	40	29.69	74		10	140
		BG062353.D	Nitrobenzene-d5	40	36.40	91		10	135
			Nitrobenzene-d5	40	37.40	94		10	135
			2-Nitrophenol-d4	40	44.72	112		10	120
		BG062349.D	2-Nitrophenol-d4	40	44.47	111		10	120

Surrogate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162448BS	PB162448BS	BG062349.D	2,4-Dichlorophenol-d3	40	31.46	79		10	140
		BG062353.D	2,4-Dichlorophenol-d3	40	31.70	79		10	140
			4-Chloroaniline-d4	40	26.27	66		1	145
		BG062349.D	4-Chloroaniline-d4	40	26.18	65		1	145
			Dimethylphthalate-d6	40	27.94	70		10	145
		BG062353.D	Dimethylphthalate-d6	40	26.75	67		10	145
			Acenaphthylene-d8	40	27.20	68		15	120
		BG062349.D	Acenaphthylene-d8	40	28.02	70		15	120
			4-Nitrophenol-d4	40	33.90	85		10	150
		BG062353.D	4-Nitrophenol-d4	40	32.13	80		10	150
		BG062349.D	Fluorene-d10	40	28.53	71		20	140
		BG062353.D	Fluorene-d10	40	27.16	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	51.61	129		10	130
		BG062349.D	4,6-Dinitro-2-methylphenol-d2	40	52.68	132	*	10	130
			Anthracene-d10	40	28.15	70		10	150
		BG062353.D	Anthracene-d10	40	27.72	69		10	150
			Pyrene-d10	40	27.92	70		10	130
		BG062349.D	Pyrene-d10	40	28.53	71		10	130
			Benzo(a)pyrene-d12	40	29.06	73		10	140
		BG062353.D	Benzo(a)pyrene-d12	40	28.64	72		10	140

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3401-11	E1GF7	BG062335.D	Pyridine-d5	40	0.70	2	*	20	120
			1,4-Dioxane-d8	8	4.08	51		15	120
			Phenol-d5	40	7.46	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.46	74		25	120
			2-Chlorophenol-d4	40	27.29	68		20	130
			4-Methylphenol-d8	40	17.93	45		25	125
			Nitrobenzene-d5	40	37.48	94		20	125
			2-Nitrophenol-d4	40	44.68	112		20	130
			2,4-Dichlorophenol-d3	40	31.27	78		20	120
			4-Chloroaniline-d4	40	0.17	0	*	1	146
			Dimethylphthalate-d6	40	28.97	72		25	130
			Acenaphthylene-d8	40	25.56	64		10	130
			4-Nitrophenol-d4	40	7.23	18		10	150
			Fluorene-d10	40	29.26	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	42.44	106		10	130
			Anthracene-d10	40	28.14	70		25	130
			Pyrene-d10	40	28.87	72		15	130
			Benzo(a)pyrene-d12	40	27.92	70		20	130
P3401-12	E1GF8	BG062336.D	1,4-Dioxane-d8	8	3.45	43		15	120
			Pyridine-d5	40	4.58	11	*	20	120
			Phenol-d5	40	6.77	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.76	62		25	120
			2-Chlorophenol-d4	40	23.22	58		20	130
			4-Methylphenol-d8	40	15.86	40		25	125
			Nitrobenzene-d5	40	30.96	77		20	125
			2-Nitrophenol-d4	40	37.02	93		20	130
			2,4-Dichlorophenol-d3	40	26.10	65		20	120
			4-Chloroaniline-d4	40	2.06	5		1	146
			Dimethylphthalate-d6	40	24.86	62		25	130
			Acenaphthylene-d8	40	23.17	58		10	130
			4-Nitrophenol-d4	40	6.62	17		10	150
			Fluorene-d10	40	25.51	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.28	93		10	130
			Anthracene-d10	40	25.72	64		25	130
			Pyrene-d10	40	26.07	65		15	130
			Benzo(a)pyrene-d12	40	26.94	67		20	130
PB162451BL	PB162451BL	BG062329.D	1,4-Dioxane-d8	8	5.67	71		15	120
			Pyridine-d5	40	28.03	70		20	120
			Phenol-d5	40	29.06	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.84	72		25	120
			2-Chlorophenol-d4	40	29.12	73		20	130
			4-Methylphenol-d8	40	28.82	72		25	125
			Nitrobenzene-d5	40	36.42	91		20	125
			2-Nitrophenol-d4	40	42.38	106		20	130
			2,4-Dichlorophenol-d3	40	30.64	77		20	120
			4-Chloroaniline-d4	40	28.36	71		1	146
			Dimethylphthalate-d6	40	27.87	70		25	130
			Acenaphthylene-d8	40	28.28	71		10	130
			4-Nitrophenol-d4	40	28.99	72		10	150

Surrogate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162451BL	PB162451BL	BG062329.D	Fluorene-d10	40	28.71	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.57	84		10	130
			Anthracene-d10	40	28.77	72		25	130
			Pyrene-d10	40	28.88	72		15	130
			Benzo(a)pyrene-d12	40	28.62	72		20	130
PB162451BS	PB162451BS	BG062334.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Pyridine-d5	40	22.17	55		20	120
			Phenol-d5	40	26.28	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.84	65		25	120
			2-Chlorophenol-d4	40	26.11	65		20	130
			4-Methylphenol-d8	40	25.72	64		25	125
			Nitrobenzene-d5	40	33.41	84		20	125
			2-Nitrophenol-d4	40	39.40	99		20	130
			2,4-Dichlorophenol-d3	40	27.94	70		20	120
			4-Chloroaniline-d4	40	23.65	59		1	146
			Dimethylphthalate-d6	40	25.15	63		25	130
			Acenaphthylene-d8	40	25.27	63		10	130
			4-Nitrophenol-d4	40	29.50	74		10	150
			Fluorene-d10	40	26.02	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	47.71	119		10	130
			Anthracene-d10	40	25.55	64		25	130
			Pyrene-d10	40	26.41	66		15	130
			Benzo(a)pyrene-d12	40	26.45	66		20	130

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3480-16	E0AB7	BG062354.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Pyridine-d5	40	7.58	19	*	20	120
			Phenol-d5	40	8.45	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.36	71		25	120
			2-Chlorophenol-d4	40	27.39	68		20	130
			4-Methylphenol-d8	40	18.73	47		25	125
			Nitrobenzene-d5	40	34.52	86		20	125
			2-Nitrophenol-d4	40	41.07	103		20	130
			2,4-Dichlorophenol-d3	40	29.77	74		20	120
			4-Chloroaniline-d4	40	20.86	52		1	146
			Dimethylphthalate-d6	40	28.01	70		25	130
			Acenaphthylene-d8	40	27.00	67		10	130
			4-Nitrophenol-d4	40	8.00	20		10	150
			Fluorene-d10	40	28.23	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	41.86	105		10	130
			Anthracene-d10	40	28.89	72		25	130
			Pyrene-d10	40	30.18	75		15	130
			Benzo(a)pyrene-d12	40	30.70	77		20	130
P3480-17	E0AB8	BG062355.D	1,4-Dioxane-d8	8	4.26	53		15	120
			Pyridine-d5	40	7.43	19	*	20	120
			Phenol-d5	40	9.78	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.37	76		25	120
			2-Chlorophenol-d4	40	29.54	74		20	130
			4-Methylphenol-d8	40	20.99	52		25	125
			Nitrobenzene-d5	40	36.66	92		20	125
			2-Nitrophenol-d4	40	44.24	111		20	130
			2,4-Dichlorophenol-d3	40	32.00	80		20	120
			4-Chloroaniline-d4	40	22.45	56		1	146
			Dimethylphthalate-d6	40	30.56	76		25	130
			Acenaphthylene-d8	40	29.86	75		10	130
			4-Nitrophenol-d4	40	9.20	23		10	150
			Fluorene-d10	40	30.62	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	45.62	114		10	130
			Anthracene-d10	40	31.68	79		25	130
			Pyrene-d10	40	32.05	80		15	130
			Benzo(a)pyrene-d12	40	33.11	83		20	130
P3480-18	E0AB5	BG062356.D	1,4-Dioxane-d8	8	4.30	54		15	120
			Pyridine-d5	40	4.83	12	*	20	120
			Phenol-d5	40	9.64	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.19	65		25	120
			2-Chlorophenol-d4	40	26.06	65		20	130
			4-Methylphenol-d8	40	19.72	49		25	125
			Nitrobenzene-d5	40	32.12	80		20	125
			2-Nitrophenol-d4	40	38.32	96		20	130
			2,4-Dichlorophenol-d3	40	28.52	71		20	120
			4-Chloroaniline-d4	40	20.15	50		1	146
			Dimethylphthalate-d6	40	26.23	66		25	130
			Acenaphthylene-d8	40	25.63	64		10	130
			4-Nitrophenol-d4	40	8.41	21		10	150

Surrogate Summary

SW-846

SDG No.: **BG080824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3480-18	E0AB5	BG062356.D	Fluorene-d10	40	25.90	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.65	92		10	130
			Anthracene-d10	40	26.51	66		25	130
			Pyrene-d10	40	27.48	69		15	130
			Benzo(a)pyrene-d12	40	27.55	69		20	130
P3480-19	E0AB6	BG062357.D	1,4-Dioxane-d8	8	4.05	51		15	120
			Pyridine-d5	40	3.08	8	*	20	120
			Phenol-d5	40	8.23	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.90	65		25	120
			2-Chlorophenol-d4	40	24.92	62		20	130
			4-Methylphenol-d8	40	17.55	44		25	125
			Nitrobenzene-d5	40	30.92	77		20	125
			2-Nitrophenol-d4	40	37.52	94		20	130
			2,4-Dichlorophenol-d3	40	27.23	68		20	120
			4-Chloroaniline-d4	40	13.37	33		1	146
			Dimethylphthalate-d6	40	27.26	68		25	130
			Acenaphthylene-d8	40	25.12	63		10	130
			4-Nitrophenol-d4	40	8.52	21		10	150
			Fluorene-d10	40	26.40	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	44.17	110		10	130
			Anthracene-d10	40	30.67	77		25	130
			Pyrene-d10	40	31.52	79		15	130
			Benzo(a)pyrene-d12	40	32.05	80		20	130
			1,4-Dioxane-d8	8	4.95	62	*	15	120
			Pyridine-d5	40	6.14	15		20	120
			Phenol-d5	40	9.56	24		10	130
P3480-21	E0AD5	BG062358.D	Bis(2-Chloroethyl)ether-d8	40	33.81	85		25	120
			2-Chlorophenol-d4	40	31.99	80		20	130
			4-Methylphenol-d8	40	22.41	56		25	125
			Nitrobenzene-d5	40	40.07	100		20	125
			2-Nitrophenol-d4	40	46.92	117		20	130
			2,4-Dichlorophenol-d3	40	34.31	86		20	120
			4-Chloroaniline-d4	40	8.73	22		1	146
			Dimethylphthalate-d6	40	31.83	80		25	130
			Acenaphthylene-d8	40	30.93	77		10	130
			4-Nitrophenol-d4	40	7.98	20		10	150
			Fluorene-d10	40	32.53	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	47.19	118		10	130
			Anthracene-d10	40	34.01	85		25	130
			Pyrene-d10	40	34.54	86		15	130
			Benzo(a)pyrene-d12	40	35.67	89		20	130
			1,4-Dioxane-d8	8	6.17	77		15	120
			Pyridine-d5	40	29.69	74		20	120
			Phenol-d5	40	33.49	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.68	79		25	120
			2-Chlorophenol-d4	40	32.33	81		20	130
PB162597BL	PB162597BL	BG062352.D	4-Methylphenol-d8	40	32.52	81		25	125
			Nitrobenzene-d5	40	39.48	99		20	125
			2-Nitrophenol-d4	40	48.91	122		20	130

Surrogate Summary

SW-846

SDG No.: BG080824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
				(PPM)	(PPM)			Low	High
PB162597BL	PB162597BL	BG062352.D	2,4-Dichlorophenol-d3	40	35.37	88		20	120
			4-Chloroaniline-d4	40	33.71	84		1	146
			Dimethylphthalate-d6	40	32.12	80		25	130
			Acenaphthylene-d8	40	32.44	81		10	130
			4-Nitrophenol-d4	40	33.84	85		10	150
			Fluorene-d10	40	32.88	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	44.03	110		10	130
			Anthracene-d10	40	34.97	87		25	130
			Pyrene-d10	40	34.28	86		15	130
			Benzo(a)pyrene-d12	40	34.30	86		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG080824

Lab Code: CHEM

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062311.D

DFTPP Injection Date: 08/07/2024

Instrument ID: BNA_G

DFTPP Injection Time: 23:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.6
68	Less than 2.0% of mass 69	0.1 (0.5) 1
69	Mass 69 relative abundance	29.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	37.4
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	6.5
275	10.0 - 60.0% of mass 198	28.8
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	74.7
443	15.0 - 24.0% of mass 442	14.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020596	SSTDCCC020	BG062312.D	08/07/2024	23:41
SBLK446	PB162446BL	BG062313.D	08/08/2024	00:22
SBLK447	PB162447BL	BG062314.D	08/08/2024	01:03
E05T8	P3437-01	BG062315.D	08/08/2024	01:45
E05T9	P3437-02	BG062316.D	08/08/2024	02:26
E05W2	P3437-03	BG062317.D	08/08/2024	03:07
E05W4	P3437-04	BG062318.D	08/08/2024	03:49
E05W5	P3437-05	BG062319.D	08/08/2024	04:30
E05X9	P3437-12	BG062320.D	08/08/2024	05:12
E05W7	P3437-06	BG062321.D	08/08/2024	05:53
E05W7MS	P3437-07MS	BG062322.D	08/08/2024	06:35
E05W7MSD	P3437-08MSD	BG062323.D	08/08/2024	07:16
SLCS446	PB162446BS	BG062324.D	08/08/2024	07:57
SLCS305	PB162305BS	BG062325.D	08/08/2024	08:39
SSTD020597	SSTDCCC020EC	BG062326.D	08/08/2024	09:20

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG080824

Lab Code: CHEM

SAS No.: BG080824

SDG NO.: BG080824

Lab File ID: BG062327.D

DFTPP Injection Date: 08/08/2024

Instrument ID: BNA_G

DFTPP Injection Time: 13:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.1
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37.9
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	7
275	10.0 - 60.0% of mass 198	27.9
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	71
443	15.0 - 24.0% of mass 442	13.3 (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
SSTD020598	SSTDCCC020	BG062328.D	08/08/2024	14:04
SBLK451	PB162451BL	BG062329.D	08/08/2024	14:45
SBLK447	PB162447BL	BG062330.D	08/08/2024	15:25
E05X2	P3437-09	BG062331.D	08/08/2024	16:07
E05X4	P3437-10	BG062332.D	08/08/2024	16:48
E05X6	P3437-11	BG062333.D	08/08/2024	17:30
SLCS451	PB162451BS	BG062334.D	08/08/2024	18:11
E1GF7	P3401-11	BG062335.D	08/08/2024	18:52
E1GF8	P3401-12	BG062336.D	08/08/2024	19:34
E05Z8	P3434-14	BG062337.D	08/08/2024	20:15
E05T4	P3434-01	BG062338.D	08/08/2024	20:56
E05T4MS	P3434-02MS	BG062339.D	08/08/2024	21:38
E05T4MSD	P3434-03MSD	BG062340.D	08/08/2024	22:19
SSTD020599	SSTDCCC020	BG062341.D	08/09/2024	00:24
SBLK448	PB162448BL	BG062342.D	08/09/2024	01:05
SBLK447	PB162447BL	BG062343.D	08/09/2024	01:47
E05Z0	P3434-09	BG062344.D	08/09/2024	02:28
E05Z1	P3434-10	BG062345.D	08/09/2024	03:10

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG080824

Lab Code: CHEM

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062327.D

DFTPP Injection Date: 08/08/2024

Instrument ID: BNA_G

DFTPP Injection Time: 13:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.1
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37.9
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	7
275	10.0 - 60.0% of mass 198	27.9
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	71
443	15.0 - 24.0% of mass 442	13.3 (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
E05T5	P3434-04	BG062346.D	08/09/2024	03:51
E05T6	P3434-05	BG062347.D	08/09/2024	04:32
E05T7	P3434-06	BG062348.D	08/09/2024	05:13
SLCS448	PB162448BS	BG062349.D	08/09/2024	05:55
SLCS447	PB162447BS	BG062350.D	08/09/2024	06:36
SSTD020600	SSTDCCC020	BG062351.D	08/09/2024	07:58
SBLK597	PB162597BL	BG062352.D	08/09/2024	09:08
SLCS448	PB162448BS	BG062353.D	08/09/2024	09:49
E0AB7	P3480-16	BG062354.D	08/09/2024	10:30
E0AB8	P3480-17	BG062355.D	08/09/2024	11:11
E0AB5	P3480-18	BG062356.D	08/09/2024	11:53
E0AB6	P3480-19	BG062357.D	08/09/2024	12:35
E0AD5	P3480-21	BG062358.D	08/09/2024	13:16
SSTD020601	SSTDCCC020EC	BG062359.D	08/09/2024	16:20