

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112624 SAS No.: BG112624 SDG No.: BG112624

Instrument ID: BNA_G Calibration Date/Time: 11/26/2024 : 09:49

Lab File ID: BG063557.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020553 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.572	0.010	-4.3607	40.0
Benzaldehyde	0.941	1.173	0.010	24.6423	40.0
Pyridine	1.616	1.492	0.010	-7.6756	40.0
Phenol	1.794	1.774	0.080	-1.0719	20.0
Bis(2-Chloroethyl)ether	1.295	1.261	0.100	-2.6077	20.0
2-Chlorophenol	1.244	1.257	0.200	1.0628	20.0
2-Methylphenol	1.335	1.319	0.010	-1.176	20.0
2,2-oxybis(1-Chloropropane)	1.897	2.042	0.010	7.6749	40.0
Acetophenone	2.171	2.101	0.060	-3.2201	20.0
4-Methylphenol	1.464	1.386	0.010	-5.2918	20.0
N-Nitroso-di-n-propylamine	1.213	1.185	0.050	-2.3529	30.0
Hexachloroethane	0.537	0.558	0.100	3.9029	20.0
Nitrobenzene	0.441	0.474	0.050	7.5174	25.0
Isophorone	0.805	0.831	0.050	3.2961	25.0
2-Nitrophenol	0.176	0.182	0.050	3.1948	25.0
2,4-Dimethylphenol	0.379	0.391	0.050	3.0783	25.0
Bis(2-Chloroethoxy)methane	0.445	0.460	0.050	3.2589	20.0
2,4-Dichlorophenol	0.331	0.350	0.060	5.6472	20.0
Naphthalene	1.022	1.109	0.200	8.457	20.0
4-Chloroaniline	0.409	0.415	0.010	1.3377	40.0
Hexachlorobutadiene	0.295	0.290	0.040	-1.646	30.0
Caprolactam	0.112	0.112	0.010	0.8367	40.0
4-Chloro-3-methylphenol	0.337	0.367	0.040	9.1162	25.0
1-Methylnaphthalene	0.762	0.805	0.100	5.6877	20.0
2-Methylnaphthalene	0.726	0.799	0.100	10.1272	20.0
Hexachlorocyclopentadiene	0.300	0.239	0.010	-20.1922	40.0
2,4,6-Trichlorophenol	0.386	0.379	0.090	-1.7123	25.0
2,4,5-Trichlorophenol	0.398	0.408	0.100	2.4157	25.0
1,1-Biphenyl	1.327	1.422	0.200	7.1659	20.0
2-Chloronaphthalene	1.043	1.105	0.300	5.9953	20.0
2-Nitroaniline	0.329	0.366	0.050	11.2369	40.0
Dimethylphthalate	1.323	1.389	0.300	5.0001	20.0
2,6-Dinitrotoluene	0.268	0.281	0.080	4.7354	30.0
Acenaphthylene	1.556	1.647	0.400	5.8127	20.0
3-Nitroaniline	0.246	0.276	0.010	12.2508	40.0
Acenaphthene	1.124	1.186	0.200	5.4837	20.0
2,4-Dinitrophenol	0.138	0.103	0.010	-25.4696	40.0
4-Nitrophenol	0.234	0.222	0.010	-5.3273	40.0
Dibenzofuran	1.613	1.758	0.300	8.9778	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112624 SAS No.: BG112624 SDG No.: BG112624

Instrument ID: BNA_G Calibration Date/Time: 11/26/2024 : 09:49

Lab File ID: BG063557.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020553 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.443	0.070	7.8369	30.0
Diethylphthalate	1.336	1.416	0.300	5.9523	20.0
Fluorene	1.373	1.459	0.200	6.2488	20.0
4-Chlorophenyl-phenylether	0.819	0.848	0.100	3.4909	20.0
4-Nitroaniline	0.252	0.306	0.010	21.7275	40.0
4,6-Dinitro-2-methylphenol	0.120	0.120	0.010	-0.2102	40.0
N-Nitrosodiphenylamine	0.475	0.484	0.050	1.9412	20.0
1,2,4,5-Tetrachlorobenzene	0.703	0.709	0.100	0.8114	20.0
4-Bromophenyl-phenylether	0.224	0.227	0.070	1.1564	20.0
Hexachlorobenzene	0.235	0.233	0.050	-0.6618	25.0
Atrazine	0.229	0.235	0.010	2.577	25.0
Pentachlorophenol	0.110	0.080	0.010	-27.5115	40.0
Phenanthrene	0.953	1.006	0.200	5.5157	20.0
Pentachlorobenzene	0.287	0.284	0.050	-1.2863	20.0
Anthracene	0.974	1.038	0.200	6.6588	20.0
1,2,3,4-Tetrachlorobenzene	0.291	0.287	0.050	-1.3898	20.0
Carbazole	0.808	0.916	0.050	13.3463	40.0
Di-n-butylphthalate	0.926	1.021	0.500	10.2777	25.0
Fluoranthene	1.109	1.202	0.400	8.4421	25.0
Pyrene	1.188	1.254	0.400	5.5374	25.0
Butylbenzylphthalate	0.385	0.402	0.100	4.1684	40.0
3,3-Dichlorobenzidine	0.430	0.488	0.010	13.5991	40.0
Benzo (a) anthracene	1.293	1.373	0.300	6.1512	30.0
Chrysene	1.209	1.289	0.200	6.6338	30.0
Bis(2-ethylhexyl)phthalate	0.560	0.617	0.200	10.0693	40.0
Di-n-octyl phthalate	0.887	0.986	0.010	11.1466	40.0
Benzo (b) fluoranthene	1.201	1.281	0.200	6.6669	25.0
Benzo (k) fluoranthene	1.205	1.264	0.200	4.8968	25.0
Benzo (a) pyrene	1.124	1.181	0.200	5.1297	20.0
Indeno (1,2,3-cd) pyrene	1.394	1.466	0.200	5.1429	25.0
Dibenzo (a,h) anthracene	1.140	1.202	0.200	5.4864	30.0
Benzo (g,h,i) perylene	1.057	1.112	0.200	5.1756	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.378	0.040	0.0745	20.0
1,4-Dioxane-d8	0.507	0.505	0.010	-0.4195	25.0
Pyridine-d5	1.588	1.401	0.010	-11.7632	40.0
Phenol-d5	1.645	1.605	0.010	-2.4405	25.0
Bis- (2-Chloroethyl) ether-d8	1.055	1.115	0.050	5.6531	25.0
2-Chlorophenol-d4	1.166	1.194	0.200	2.4411	20.0
4-Methylphenol-d8	1.375	1.338	0.010	-2.6509	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112624 SAS No.: BG112624 SDG No.: BG112624

Instrument ID: BNA_G Calibration Date/Time: 11/26/2024 : 09:49

Lab File ID: BG063557.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020553 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.158	0.050	9.9067	20.0
2-Nitrophenol-d4	0.177	0.180	0.050	1.7028	30.0
2,4-Dichlorophenol-d3	0.339	0.343	0.060	1.4098	20.0
4-Chloroaniline-d4	0.428	0.442	0.010	3.145	40.0
Dimethylphthalate-d6	1.358	1.419	0.300	4.5215	20.0
Acenaphthylene-d8	1.548	1.659	0.400	7.1825	20.0
4-Nitrophenol-d4	0.202	0.201	0.010	-0.1248	40.0
Fluorene-d10	1.234	1.310	0.100	6.1799	20.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.108	0.010	-3.6957	40.0
Anthracene-d10	0.869	0.915	0.300	5.3324	20.0
Pyrene-d10	1.003	1.069	0.300	6.6057	25.0
Benzo(a)pyrene-d12	0.970	1.023	0.010	5.504	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.: BG112624 SAS No.: BG112624 SDG No.: BG112624

Instrument ID: BNA_G Calibration Date/Time: 11/26/2024 : 20:06

Lab File ID: BG063569.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020554 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.621	0.010	3.7206	40.0
Pyridine	1.616	1.419	0.010	-12.175	40.0
Benzaldehyde	0.941	1.201	0.010	27.5396	40.0
Phenol	1.794	1.760	0.080	-1.9025	20.0
Bis(2-Chloroethyl)ether	1.295	1.318	0.100	1.7955	20.0
2-Chlorophenol	1.244	1.292	0.200	3.8471	20.0
2-Methylphenol	1.335	1.352	0.010	1.3128	20.0
2,2-oxybis(1-Chloropropane)	1.897	1.959	0.010	3.2873	40.0
Acetophenone	2.171	2.214	0.060	1.9537	20.0
4-Methylphenol	1.464	1.463	0.010	-0.0214	20.0
N-Nitroso-di-n-propylamine	1.213	1.218	0.050	0.3729	30.0
Hexachloroethane	0.537	0.556	0.100	3.4255	20.0
Nitrobenzene	0.441	0.479	0.050	8.7356	25.0
Isophorone	0.805	0.834	0.050	3.6292	25.0
2-Nitrophenol	0.176	0.188	0.050	6.563	25.0
2,4-Dimethylphenol	0.379	0.387	0.050	1.8928	25.0
Bis(2-Chloroethoxy)methane	0.445	0.458	0.050	2.7863	20.0
2,4-Dichlorophenol	0.331	0.347	0.060	4.8927	20.0
Naphthalene	1.022	1.103	0.200	7.8793	20.0
4-Chloroaniline	0.409	0.419	0.010	2.4447	40.0
Hexachlorobutadiene	0.295	0.309	0.040	4.6403	30.0
Caprolactam	0.112	0.106	0.010	-4.8416	40.0
4-Chloro-3-methylphenol	0.337	0.358	0.040	6.3404	25.0
1-Methylnaphthalene	0.762	0.785	0.100	3.065	20.0
2-Methylnaphthalene	0.726	0.779	0.100	7.3613	20.0
Hexachlorocyclopentadiene	0.300	0.273	0.010	-8.9277	40.0
2,4,6-Trichlorophenol	0.386	0.396	0.090	2.639	25.0
2,4,5-Trichlorophenol	0.398	0.427	0.100	7.3878	25.0
1,1-Biphenyl	1.327	1.436	0.200	8.1875	20.0
2-Chloronaphthalene	1.043	1.130	0.300	8.305	20.0
2-Nitroaniline	0.329	0.381	0.050	15.8301	40.0
Dimethylphthalate	1.323	1.456	0.300	10.0944	20.0
2,6-Dinitrotoluene	0.268	0.301	0.080	12.134	30.0
Acenaphthylene	1.556	1.705	0.400	9.5393	20.0
3-Nitroaniline	0.246	0.282	0.010	14.7609	40.0
Acenaphthene	1.124	1.255	0.200	11.6783	20.0
2,4-Dinitrophenol	0.138	0.118	0.010	-14.3511	40.0
4-Nitrophenol	0.234	0.230	0.010	-1.9027	40.0
Dibenzofuran	1.613	1.792	0.300	11.1085	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112624 SAS No.: BG112624 SDG No.: BG112624

Instrument ID: BNA_G Calibration Date/Time: 11/26/2024 : 20:06

Lab File ID: BG063569.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020554 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.456	0.070	11.0483	30.0
Diethylphthalate	1.336	1.455	0.300	8.8949	20.0
Fluorene	1.373	1.473	0.200	7.3076	20.0
4-Chlorophenyl-phenylether	0.819	0.882	0.100	7.6745	20.0
4-Nitroaniline	0.252	0.307	0.010	22.1012	40.0
4,6-Dinitro-2-methylphenol	0.120	0.122	0.010	1.6031	40.0
N-Nitrosodiphenylamine	0.475	0.494	0.050	4.0176	20.0
1,2,4,5-Tetrachlorobenzene	0.703	0.763	0.100	8.6085	20.0
4-Bromophenyl-phenylether	0.224	0.236	0.070	5.1424	20.0
Hexachlorobenzene	0.235	0.249	0.050	5.7807	25.0
Atrazine	0.229	0.239	0.010	4.0642	25.0
Pentachlorophenol	0.110	0.090	0.010	-18.429	40.0
Phenanthrene	0.953	1.006	0.200	5.5683	20.0
Pentachlorobenzene	0.287	0.300	0.050	4.3286	20.0
Anthracene	0.974	1.042	0.200	6.9842	20.0
1,2,3,4-Tetrachlorobenzene	0.291	0.305	0.050	4.7596	20.0
Carbazole	0.808	0.892	0.050	10.4143	40.0
Di-n-butylphthalate	0.926	1.005	0.500	8.5462	25.0
Fluoranthene	1.109	1.211	0.400	9.2568	25.0
Pyrene	1.188	1.291	0.400	8.7124	25.0
Butylbenzylphthalate	0.385	0.420	0.100	8.957	40.0
3,3-Dichlorobenzidine	0.430	0.493	0.010	14.7513	40.0
Benzo (a) anthracene	1.293	1.401	0.300	8.3545	30.0
Chrysene	1.209	1.329	0.200	9.8931	30.0
Bis(2-ethylhexyl)phthalate	0.560	0.623	0.200	11.1435	40.0
Di-n-octyl phthalate	0.887	0.985	0.010	10.9742	40.0
Benzo (b) fluoranthene	1.201	1.273	0.200	6.0384	25.0
Benzo (k) fluoranthene	1.205	1.307	0.200	8.5023	25.0
Benzo (a) pyrene	1.124	1.176	0.200	4.6668	20.0
Indeno (1,2,3-cd) pyrene	1.394	1.432	0.200	2.7632	25.0
Dibenzo (a,h) anthracene	1.140	1.173	0.200	2.9255	30.0
Benzo (g,h,i) perylene	1.057	1.113	0.200	5.2897	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.384	0.040	1.5636	20.0
1,4-Dioxane-d8	0.507	0.508	0.010	0.301	25.0
Pyridine-d5	1.588	1.426	0.010	-10.1879	40.0
Phenol-d5	1.645	1.610	0.010	-2.1399	25.0
Bis- (2-Chloroethyl) ether-d8	1.055	1.095	0.050	3.8384	25.0
2-Chlorophenol-d4	1.166	1.217	0.200	4.3826	20.0
4-Methylphenol-d8	1.375	1.395	0.010	1.4706	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112624 SAS No.: BG112624 SDG No.: BG112624

Instrument ID: BNA_G Calibration Date/Time: 11/26/2024 : 20:06

Lab File ID: BG063569.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020554 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.145	0.050	0.6966	20.0
2-Nitrophenol-d4	0.177	0.186	0.050	5.0699	30.0
2,4-Dichlorophenol-d3	0.339	0.352	0.060	3.8504	20.0
4-Chloroaniline-d4	0.428	0.438	0.010	2.2303	40.0
Dimethylphthalate-d6	1.358	1.501	0.300	10.5704	20.0
Acenaphthylene-d8	1.548	1.685	0.400	8.8235	20.0
4-Nitrophenol-d4	0.202	0.202	0.010	0.0956	40.0
Fluorene-d10	1.234	1.363	0.100	10.4612	20.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.118	0.010	4.5763	40.0
Anthracene-d10	0.869	0.915	0.300	5.2586	20.0
Pyrene-d10	1.003	1.100	0.300	9.6904	25.0
Benzo(a)pyrene-d12	0.970	1.026	0.010	5.7152	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.: BG112624 SAS No.: BG112624 SDG No.: BG112624

Instrument ID: BNA_G Calibration Date/Time: 11/27/2024 : 01:09

Lab File ID: BG063576.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020555 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.533	0.010	-10.983	50.0
Benzaldehyde	0.941	1.250	0.010	32.7639	50.0
Pyridine	1.616	1.471	0.010	-8.9588	50.0
Phenol	1.794	1.853	0.080	3.2966	50.0
Bis(2-Chloroethyl)ether	1.295	1.365	0.100	5.4216	50.0
2-Chlorophenol	1.244	1.254	0.200	0.8215	50.0
2-Methylphenol	1.335	1.424	0.010	6.7034	50.0
2,2-oxybis(1-Chloropropane)	1.897	1.992	0.010	5.0498	50.0
Acetophenone	2.171	2.329	0.060	7.279	50.0
4-Methylphenol	1.464	1.554	0.010	6.156	50.0
N-Nitroso-di-n-propylamine	1.213	1.276	0.050	5.1773	50.0
Hexachloroethane	0.537	0.572	0.100	6.4576	50.0
Nitrobenzene	0.441	0.470	0.050	6.6945	50.0
Isophorone	0.805	0.816	0.050	1.4685	50.0
2-Nitrophenol	0.176	0.189	0.050	7.2136	50.0
2,4-Dimethylphenol	0.379	0.402	0.050	5.9859	50.0
Bis(2-Chloroethoxy)methane	0.445	0.443	0.050	-0.4466	50.0
2,4-Dichlorophenol	0.331	0.330	0.060	-0.2431	50.0
Naphthalene	1.022	1.077	0.200	5.3922	50.0
4-Chloroaniline	0.409	0.410	0.010	0.2777	50.0
Hexachlorobutadiene	0.295	0.296	0.040	0.3125	50.0
Caprolactam	0.112	0.111	0.010	-0.2756	50.0
4-Chloro-3-methylphenol	0.337	0.362	0.040	7.4821	50.0
1-Methylnaphthalene	0.762	0.794	0.100	4.2409	50.0
2-Methylnaphthalene	0.726	0.764	0.100	5.2722	50.0
Hexachlorocyclopentadiene	0.300	0.267	0.010	-10.9394	50.0
2,4,6-Trichlorophenol	0.386	0.381	0.090	-1.194	50.0
2,4,5-Trichlorophenol	0.398	0.389	0.100	-2.2933	50.0
1,1-Biphenyl	1.327	1.420	0.200	7.0138	50.0
2-Chloronaphthalene	1.043	1.075	0.300	3.1134	50.0
2-Nitroaniline	0.329	0.363	0.050	10.3859	50.0
Dimethylphthalate	1.323	1.324	0.300	0.1179	50.0
2,6-Dinitrotoluene	0.268	0.282	0.080	5.1792	50.0
Acenaphthylene	1.556	1.627	0.400	4.5168	50.0
3-Nitroaniline	0.246	0.275	0.010	12.0104	50.0
Acenaphthene	1.124	1.195	0.200	6.3423	50.0
2,4-Dinitrophenol	0.138	0.118	0.010	-14.7013	50.0
4-Nitrophenol	0.234	0.223	0.010	-4.7069	50.0
Dibenzofuran	1.613	1.684	0.300	4.4388	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112624 SAS No.: BG112624 SDG No.: BG112624

Instrument ID: BNA_G Calibration Date/Time: 11/27/2024 : 01:09

Lab File ID: BG063576.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020555 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.442	0.070	7.6542	50.0
Diethylphthalate	1.336	1.416	0.300	5.9824	50.0
Fluorene	1.373	1.447	0.200	5.4148	50.0
4-Chlorophenyl-phenylether	0.819	0.845	0.100	3.0907	50.0
4-Nitroaniline	0.252	0.292	0.010	16.1289	50.0
4,6-Dinitro-2-methylphenol	0.120	0.124	0.010	3.0468	50.0
N-Nitrosodiphenylamine	0.475	0.495	0.050	4.1925	50.0
1,2,4,5-Tetrachlorobenzene	0.703	0.715	0.100	1.6759	50.0
4-Bromophenyl-phenylether	0.224	0.239	0.070	6.7117	50.0
Hexachlorobenzene	0.235	0.241	0.050	2.6728	50.0
Atrazine	0.229	0.247	0.010	7.6912	50.0
Pentachlorophenol	0.110	0.090	0.010	-18.0103	50.0
Phenanthrene	0.953	1.032	0.200	8.2545	50.0
Pentachlorobenzene	0.287	0.298	0.050	3.8452	50.0
Anthracene	0.974	1.042	0.200	7.0025	50.0
1,2,3,4-Tetrachlorobenzene	0.291	0.300	0.050	2.9172	50.0
Carbazole	0.808	0.910	0.050	12.6995	50.0
Di-n-butylphthalate	0.926	1.026	0.500	10.7493	50.0
Fluoranthene	1.109	1.196	0.400	7.8626	50.0
Pyrene	1.188	1.285	0.400	8.2204	50.0
Butylbenzylphthalate	0.385	0.415	0.100	7.5779	50.0
3,3-Dichlorobenzidine	0.430	0.493	0.010	14.8613	50.0
Benzo (a) anthracene	1.293	1.404	0.300	8.5932	50.0
Chrysene	1.209	1.300	0.200	7.4953	50.0
Bis (2-ethylhexyl) phthalate	0.560	0.602	0.200	7.4059	50.0
Di-n-octyl phthalate	0.887	0.961	0.010	8.3146	50.0
Benzo (b) fluoranthene	1.201	1.287	0.200	7.2079	50.0
Benzo (k) fluoranthene	1.205	1.271	0.200	5.4934	50.0
Benzo (a) pyrene	1.124	1.191	0.200	6.0069	50.0
Indeno (1,2,3-cd) pyrene	1.394	1.420	0.200	1.836	50.0
Dibenzo (a,h) anthracene	1.140	1.174	0.200	3.0601	50.0
Benzo (g,h,i) perylene	1.057	1.110	0.200	5.0269	50.0
2,3,4,6-Tetrachlorophenol	0.378	0.365	0.040	-3.3743	50.0
1,4-Dioxane-d8	0.507	0.489	0.010	-3.4608	50.0
Pyridine-d5	1.588	1.538	0.010	-3.1683	50.0
Phenol-d5	1.645	1.703	0.010	3.5067	50.0
Bis- (2-Chloroethyl) ether-d8	1.055	1.138	0.050	7.8578	50.0
2-Chlorophenol-d4	1.166	1.258	0.200	7.8974	50.0
4-Methylphenol-d8	1.375	1.444	0.010	5.0822	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG112624 SAS No.: BG112624 SDG No.: BG112624
 Instrument ID: BNA_G Calibration Date/Time: 11/27/2024 : 01:09
 Lab File ID: BG063576.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020555 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.156	0.050	8.6411	50.0
2-Nitrophenol-d4	0.177	0.177	0.050	-0.1277	50.0
2,4-Dichlorophenol-d3	0.339	0.351	0.060	3.5529	50.0
4-Chloroaniline-d4	0.428	0.433	0.010	1.0694	50.0
Dimethylphthalate-d6	1.358	1.433	0.300	5.5164	50.0
Acenaphthylene-d8	1.548	1.642	0.400	6.0403	50.0
4-Nitrophenol-d4	0.202	0.180	0.010	-10.9925	50.0
Fluorene-d10	1.234	1.308	0.100	6.0472	50.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.120	0.010	6.9187	50.0
Anthracene-d10	0.869	0.925	0.300	6.4094	50.0
Pyrene-d10	1.003	1.073	0.300	7.0268	50.0
Benzo(a)pyrene-d12	0.970	1.030	0.010	6.1494	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK258	SDG No.:	BG112624
Lab Sample ID:	PB165258BL	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
BG063558.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK258	SDG No.:	BG112624
Lab Sample ID:	PB165258BL	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
BG063558.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK258	SDG No.:	BG112624
Lab Sample ID:	PB165258BL	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
BG063558.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

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	4.442		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	21.822		20-120		55	SPK: -40
4165-62-2	Phenol-d5	24.723		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.541		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.632		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.418		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	23.873		20-125		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.872		20-130		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.704		20-120		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.474		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.02		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	25.063		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.167		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	26.743		25-125		67	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK258	SDG No.:	BG112624
Lab Sample ID:	PB165258BL	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
BG063558.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.984		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	27.021		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	27.271		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.441		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101896	7.828				
1146-65-2	Naphthalene-d8	447217	10.613				
15067-26-2	Acenaphthene-d10	346333	14.473				
1517-22-2	Phenanthrene-d10	884083	17.223				
1719-03-5	Chrysene-d12	1015733	21.483				
1520-96-3	Perylene-d12	1087577	24.52				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK260	SDG No.:	BG112624
Lab Sample ID:	PB165260BL	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
BG063559.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK260	SDG No.:	BG112624
Lab Sample ID:	PB165260BL	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
BG063559.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK260	SDG No.:	BG112624
Lab Sample ID:	PB165260BL	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
BG063559.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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	4.943		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	23.601		20-120		59	SPK: -40
4165-62-2	Phenol-d5	27.551		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.894		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.603		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.214		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	27.362		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.326		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.983		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.362		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.159		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.524		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.625		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	28.941		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SBLK260	SDG No.:	BG112624
Lab Sample ID:	PB165260BL	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
BG063559.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.489		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	30.856		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	31.143		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.041		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94806	7.824				
1146-65-2	Naphthalene-d8	398671	10.615				
15067-26-2	Acenaphthene-d10	315360	14.469				
1517-22-2	Phenanthrene-d10	783555	17.219				
1719-03-5	Chrysene-d12	897753	21.478				
1520-96-3	Perylene-d12	978520	24.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70	SDG No.:	BG112624
Lab Sample ID:	P4996-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063560.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70	SDG No.:	BG112624
Lab Sample ID:	P4996-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063560.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70	SDG No.:	BG112624
Lab Sample ID:	P4996-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063560.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

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	3.637		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	4.742	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	6.936		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.175		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.129		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	16.813		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	28.999		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.919		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.586		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.412		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.476		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.033		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.8		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	32.771		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70	SDG No.:	BG112624
Lab Sample ID:	P4996-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063560.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.546		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	34.218		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	34.956		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.124		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106647	7.83				
1146-65-2	Naphthalene-d8	421849	10.615				
15067-26-2	Acenaphthene-d10	329971	14.469				
1517-22-2	Phenanthrene-d10	827449	17.219				
1719-03-5	Chrysene-d12	910528	21.479				
1520-96-3	Perylene-d12	963358	24.51				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MS	SDG No.:	BG112624
Lab Sample ID:	P4996-02MS	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
BG063561.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.5		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	22		2.3	5	10	ug/L
110-86-1	Pyridine	5.1	J	2.2	10	10	ug/L
108-95-2	Phenol	8.1	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	30		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	26		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	22		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.2	5	10	ug/L
98-86-2	Acetophenone	30		0.89	5	10	ug/L
106-44-5	4-Methylphenol	19		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	26		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	31		0.99	2.5	5	ug/L
78-59-1	Isophorone	30		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	32		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30		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	30		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	10		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		0.98	2.5	5	ug/L
105-60-2	Caprolactam	5	J	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	29		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	32		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	22		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	29		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	32		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MS	SDG No.:	BG112624
Lab Sample ID:	P4996-02MS	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
BG063561.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	33		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	32		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	30		1.5	5	10	ug/L
83-32-9	Acenaphthene	32		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	32		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	7.5	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	32		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	35		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	35		0.87	2.5	5	ug/L
86-73-7	Fluorene	33		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	32		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	38		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	34		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	28		2.5	5	10	ug/L
85-01-8	Phenanthrene	34		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.2	2.5	5	ug/L
120-12-7	Anthracene	34		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	35		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	36		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	35		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MS	SDG No.:	BG112624
Lab Sample ID:	P4996-02MS	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
BG063561.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	36		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	34		0.56	2.5	5	ug/L
218-01-9	Chrysene	34		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	36		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	37		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	35		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	35		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	35		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	35		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	31		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.142		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	5.63	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	7.824		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.418		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.692		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	18.67		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	32.072		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.835		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.775		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.573		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.1		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	31.531		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.149		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	33.767		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MS	SDG No.:	BG112624
Lab Sample ID:	P4996-02MS	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
BG063561.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.429		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	35.163		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	36.115		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.275		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105160	7.829				
1146-65-2	Naphthalene-d8	433222	10.62				
15067-26-2	Acenaphthene-d10	339660	14.468				
1517-22-2	Phenanthrene-d10	851653	17.224				
1719-03-5	Chrysene-d12	930486	21.478				
1520-96-3	Perylene-d12	994192	24.515				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MSD	SDG No.:	BG112624
Lab Sample ID:	P4996-03MSD	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
BG063562.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.3		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	22		2.3	5	10	ug/L
110-86-1	Pyridine	5.4	J	2.2	10	10	ug/L
108-95-2	Phenol	7.7	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	26		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	22		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.2	5	10	ug/L
98-86-2	Acetophenone	31		0.89	5	10	ug/L
106-44-5	4-Methylphenol	19		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	31		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	30		0.99	2.5	5	ug/L
78-59-1	Isophorone	30		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30		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	29		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	9.9	J	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		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	30		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	32		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MSD	SDG No.:	BG112624
Lab Sample ID:	P4996-03MSD	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
BG063562.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	33		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	32		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	31		1.5	5	10	ug/L
83-32-9	Acenaphthene	32		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	37		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	8.1	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	33		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	35		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	34		0.87	2.5	5	ug/L
86-73-7	Fluorene	33		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	37		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	35		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	32		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	32		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		0.56	2.5	5	ug/L
1912-24-9	Atrazine	1	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	27		2.5	5	10	ug/L
85-01-8	Phenanthrene	33		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.2	2.5	5	ug/L
120-12-7	Anthracene	33		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	35		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	35		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	34		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MSD	SDG No.:	BG112624
Lab Sample ID:	P4996-03MSD	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
BG063562.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		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	34		0.56	2.5	5	ug/L
218-01-9	Chrysene	34		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	35		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	37		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	34		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	33		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	30		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.904		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	5.751	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	8.059		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.931		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.302		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	19.284		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	31.642		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.709		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.559		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.033		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.436		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	31.67		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.423		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	33.975		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF70MSD	SDG No.:	BG112624
Lab Sample ID:	P4996-03MSD	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
BG063562.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.729		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	34.334		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	35.703		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.408		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105874	7.829				
1146-65-2	Naphthalene-d8	450235	10.614				
15067-26-2	Acenaphthene-d10	351335	14.468				
1517-22-2	Phenanthrene-d10	884725	17.218				
1719-03-5	Chrysene-d12	956565	21.478				
1520-96-3	Perylene-d12	1009635	24.521				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF71	SDG No.:	BG112624
Lab Sample ID:	P4996-04	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
BG063563.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF71	SDG No.:	BG112624
Lab Sample ID:	P4996-04	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
BG063563.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF71	SDG No.:	BG112624
Lab Sample ID:	P4996-04	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
BG063563.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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	3.759		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	4.975	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	7.48		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.841		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.833		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	17.373		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	27.417		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.429		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.58		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.019		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.661		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.856		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	31.391		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF71	SDG No.:	BG112624
Lab Sample ID:	P4996-04	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
BG063563.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.02		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	33.976		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	34.139		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.16		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98930	7.827				
1146-65-2	Naphthalene-d8	418741	10.618				
15067-26-2	Acenaphthene-d10	334173	14.466				
1517-22-2	Phenanthrene-d10	844759	17.222				
1719-03-5	Chrysene-d12	934935	21.476				
1520-96-3	Perylene-d12	983093	24.513				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF72	SDG No.:	BG112624
Lab Sample ID:	P4996-05	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
BG063564.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF72	SDG No.:	BG112624
Lab Sample ID:	P4996-05	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
BG063564.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF72	SDG No.:	BG112624
Lab Sample ID:	P4996-05	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
BG063564.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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	3.586		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	4.488	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	7.307		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.22		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.018		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	16.755		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	27.976		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.794		20-130		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.575		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.764		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.223		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.196		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.931		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	31.305		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF72	SDG No.:	BG112624
Lab Sample ID:	P4996-05	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
BG063564.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.896		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	36.37		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	37.13		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.402		20-130		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99100	7.83				
1146-65-2	Naphthalene-d8	426108	10.615				
15067-26-2	Acenaphthene-d10	329897	14.469				
1517-22-2	Phenanthrene-d10	819524	17.219				
1719-03-5	Chrysene-d12	906175	21.473				
1520-96-3	Perylene-d12	968464	24.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF73	SDG No.:	BG112624
Lab Sample ID:	P4996-06	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
BG063565.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF73	SDG No.:	BG112624
Lab Sample ID:	P4996-06	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
BG063565.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF73	SDG No.:	BG112624
Lab Sample ID:	P4996-06	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
BG063565.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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	4.081		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	6.119	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	0.232	*	10-130		1	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.64		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.905		20-130		37	SPK: -40
190780-66-6	4-Methylphenol-d8	3.461	*	25-125		9	SPK: -40
4165-60-0	Nitrobenzene-d5	28.952		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.766		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.023		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.135	*	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.425		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	3.934		10-130		10	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.612		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	30.827		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF73	SDG No.:	BG112624
Lab Sample ID:	P4996-06	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
BG063565.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.384		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	16.861		25-130		42	SPK: -40
1718-52-1	Pyrene-d10	25.789		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.041		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95037	7.829				
1146-65-2	Naphthalene-d8	411023	10.614				
15067-26-2	Acenaphthene-d10	321603	14.469				
1517-22-2	Phenanthrene-d10	794412	17.218				
1719-03-5	Chrysene-d12	843197	21.478				
1520-96-3	Perylene-d12	916099	24.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF74	SDG No.:	BG112624
Lab Sample ID:	P4996-07	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
BG063566.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF74	SDG No.:	BG112624
Lab Sample ID:	P4996-07	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
BG063566.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF74	SDG No.:	BG112624
Lab Sample ID:	P4996-07	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
BG063566.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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	4.708		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	5.467	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	0.353	*	10-130		1	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.033		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.094		20-130		40	SPK: -40
190780-66-6	4-Methylphenol-d8	4.007	*	25-125		10	SPK: -40
4165-60-0	Nitrobenzene-d5	29.963		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.843		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.609		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.128	*	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.471		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	4.603		10-130		12	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.877		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	30.663		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	BHF74	SDG No.:	BG112624
Lab Sample ID:	P4996-07	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
BG063566.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.784		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	18.945		25-130		47	SPK: -40
1718-52-1	Pyrene-d10	26.914		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.951		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103770	7.826				
1146-65-2	Naphthalene-d8	457981	10.617				
15067-26-2	Acenaphthene-d10	356036	14.465				
1517-22-2	Phenanthrene-d10	863621	17.221				
1719-03-5	Chrysene-d12	906340	21.474				
1520-96-3	Perylene-d12	929787	24.512				
TENTATIVE IDENTIFIED COMPOUNDS							
002190-48-9	3-Methyl-3-chloro-1-butene	11	J			3.208	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS258	SDG No.:	BG112624
Lab Sample ID:	PB165258BS	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
BG063567.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	10		2.3	5	10	ug/L
110-86-1	Pyridine	24		2.2	10	10	ug/L
108-95-2	Phenol	30		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	30		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	31		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	31		1.2	5	10	ug/L
98-86-2	Acetophenone	29		0.89	5	10	ug/L
106-44-5	4-Methylphenol	30		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	29		0.99	2.5	5	ug/L
78-59-1	Isophorone	28		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	29		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		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	29		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	13		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		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	31		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		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	30		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS258	SDG No.:	BG112624
Lab Sample ID:	PB165258BS	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
BG063567.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	31		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	30		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	30		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		1.5	5	10	ug/L
83-32-9	Acenaphthene	30		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	30		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	27		1.4	5	10	ug/L
132-64-9	Dibenzofuran	30		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	31		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	30		0.87	2.5	5	ug/L
86-73-7	Fluorene	29		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	34		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	30		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	27		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	24		2.5	5	10	ug/L
85-01-8	Phenanthrene	30		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.2	2.5	5	ug/L
120-12-7	Anthracene	30		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		0.92	2.5	5	ug/L
86-74-8	Carbazole	31		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	31		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS258	SDG No.:	BG112624
Lab Sample ID:	PB165258BS	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
BG063567.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	30		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	32		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	20		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	30		0.56	2.5	5	ug/L
218-01-9	Chrysene	30		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	32		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	33		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	32		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	30		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	30		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	31		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	26		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.786		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	27.316		20-120		68	SPK: -40
4165-62-2	Phenol-d5	32.062		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.45		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.426		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	30.568		25-125		76	SPK: -40
4165-60-0	Nitrobenzene-d5	30.679		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.965		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.07		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.22		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.205		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.38		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.196		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	31.482		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS258	SDG No.:	BG112624
Lab Sample ID:	PB165258BS	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
BG063567.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165258

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.138		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	31.353		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	31.826		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.883		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106700	7.83				
1146-65-2	Naphthalene-d8	457501	10.615				
15067-26-2	Acenaphthene-d10	352174	14.469				
1517-22-2	Phenanthrene-d10	862643	17.219				
1719-03-5	Chrysene-d12	942011	21.479				
1520-96-3	Perylene-d12	996593	24.516				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS260	SDG No.:	BG112624
Lab Sample ID:	PB165260BS	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
BG063568.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	9.8	J	2.3	5	10	ug/L
110-86-1	Pyridine	24		2.2	10	10	ug/L
108-95-2	Phenol	29		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	30		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	29		1.2	5	10	ug/L
98-86-2	Acetophenone	29		0.89	5	10	ug/L
106-44-5	4-Methylphenol	29		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	29		0.99	2.5	5	ug/L
78-59-1	Isophorone	28		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		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	28		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	13		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		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	30		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	30		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS260	SDG No.:	BG112624
Lab Sample ID:	PB165260BS	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
BG063568.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

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

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS260	SDG No.:	BG112624
Lab Sample ID:	PB165260BS	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
BG063568.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	30		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	19		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	29		0.56	2.5	5	ug/L
218-01-9	Chrysene	29		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	31		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	31		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	30		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	29		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	29		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	29		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.895		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	27.166		20-120		68	SPK: -40
4165-62-2	Phenol-d5	31.49		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.954		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.848		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	31.07		25-125		78	SPK: -40
4165-60-0	Nitrobenzene-d5	30.61		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.04		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.951		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.018		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.946		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	30.19		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.041		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	31.162		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	SLCS260	SDG No.:	BG112624
Lab Sample ID:	PB165260BS	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
BG063568.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165260

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.875		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	30.764		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	32.273		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.149		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106365	7.829				
1146-65-2	Naphthalene-d8	469524	10.619				
15067-26-2	Acenaphthene-d10	354420	14.468				
1517-22-2	Phenanthrene-d10	854576	17.218				
1719-03-5	Chrysene-d12	903502	21.477				
1520-96-3	Perylene-d12	968072	24.515				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SBLK278	SDG No.:	BG112624
Lab Sample ID:	PB165278BL	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
BG063570.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SBLK278	SDG No.:	BG112624
Lab Sample ID:	PB165278BL	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
BG063570.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SBLK278	SDG No.:	BG112624
Lab Sample ID:	PB165278BL	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
BG063570.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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	5.528		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	22.59		20-120		56	SPK: -40
4165-62-2	Phenol-d5	25.947		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.087		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.074		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.566		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.55		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.054		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.749		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.594		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.614		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.573		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.672		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	29.428		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SBLK278	SDG No.:	BG112624
Lab Sample ID:	PB165278BL	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
BG063570.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.079		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	29.14		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	29.713		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.468		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108195	7.829				
1146-65-2	Naphthalene-d8	443004	10.614				
15067-26-2	Acenaphthene-d10	340731	14.468				
1517-22-2	Phenanthrene-d10	858647	17.218				
1719-03-5	Chrysene-d12	966249	21.478				
1520-96-3	Perylene-d12	1025670	24.515				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG112624
Lab Sample ID:	P4958-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063571.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165244

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

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG112624
Lab Sample ID:	P4958-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063571.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165244

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

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG112624
Lab Sample ID:	P4958-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063571.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165244

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

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG112624
Lab Sample ID:	P4958-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063571.D	1	11/25/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105661	7.831				
1146-65-2	Naphthalene-d8	421966	10.616				
15067-26-2	Acenaphthene-d10	340107	14.464				
1517-22-2	Phenanthrene-d10	833514	17.22				
1719-03-5	Chrysene-d12	958451	21.474				
1520-96-3	Perylene-d12	1019470	24.511				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	78	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ2	SDG No.:	BG112624
Lab Sample ID:	P5016-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063572.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ2	SDG No.:	BG112624
Lab Sample ID:	P5016-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063572.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ2	SDG No.:	BG112624
Lab Sample ID:	P5016-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063572.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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	3.958		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	3.667	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	7.514		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.932		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.631		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	16.996		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	32.703		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.302		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.741		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.961		1-146		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.789		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.584		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.222		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	34.777		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ2	SDG No.:	BG112624
Lab Sample ID:	P5016-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063572.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.398		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	37.059		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	37.405		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.722		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108113	7.829				
1146-65-2	Naphthalene-d8	427089	10.614				
15067-26-2	Acenaphthene-d10	333944	14.468				
1517-22-2	Phenanthrene-d10	787685	17.218				
1719-03-5	Chrysene-d12	867355	21.477				
1520-96-3	Perylene-d12	937228	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	2.4	J			13.311	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ3	SDG No.:	BG112624
Lab Sample ID:	P5016-02	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
BG063573.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ3	SDG No.:	BG112624
Lab Sample ID:	P5016-02	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
BG063573.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ3	SDG No.:	BG112624
Lab Sample ID:	P5016-02	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
BG063573.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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	3.652		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	5.737	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	7.339		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.041		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.155		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	17.199		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	31.014		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.936		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.65		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.159		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.606		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	34.474		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.032		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	36.464		25-125		91	SPK: -40

Report of Analysis

Client:		Date Collected:	11/24/2024 12:00:00 AM
Project:		Date Received:	11/24/2024 12:00:00 AM
Client Sample ID:	E1PJ3	SDG No.:	BG112624
Lab Sample ID:	P5016-02	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
BG063573.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.071		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	38.058		25-130		95	SPK: -40
1718-52-1	Pyrene-d10	39.631		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.644		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105506	7.825				
1146-65-2	Naphthalene-d8	433725	10.616				
15067-26-2	Acenaphthene-d10	322293	14.465				
1517-22-2	Phenanthrene-d10	791818	17.22				
1719-03-5	Chrysene-d12	860122	21.474				
1520-96-3	Perylene-d12	937792	24.512				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	34	J			4.565	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	3.6	J			13.307	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	E1PJ4	SDG No.:	BG112624
Lab Sample ID:	P5016-03	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
BG063574.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	E1PJ4	SDG No.:	BG112624
Lab Sample ID:	P5016-03	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
BG063574.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	E1PJ4	SDG No.:	BG112624
Lab Sample ID:	P5016-03	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
BG063574.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

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	3.891		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	6.604	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	7.968		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.504		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.278		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	19.101		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	30.975		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.544		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.179		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.157		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.29		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	32.855		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.905		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	35.746		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	E1PJ4	SDG No.:	BG112624
Lab Sample ID:	P5016-03	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
BG063574.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.297		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	37.415		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	38.786		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.266		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97898	7.824				
1146-65-2	Naphthalene-d8	423355	10.615				
15067-26-2	Acenaphthene-d10	329530	14.469				
1517-22-2	Phenanthrene-d10	810511	17.219				
1719-03-5	Chrysene-d12	873086	21.473				
1520-96-3	Perylene-d12	933154	24.505				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SLCS278	SDG No.:	BG112624
Lab Sample ID:	PB165278BS	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
BG063575.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.2		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	9.4	J	2.3	5	10	ug/L
110-86-1	Pyridine	22		2.2	10	10	ug/L
108-95-2	Phenol	29		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	30		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	30		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	29		1.2	5	10	ug/L
98-86-2	Acetophenone	29		0.89	5	10	ug/L
106-44-5	4-Methylphenol	30		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	29		0.99	2.5	5	ug/L
78-59-1	Isophorone	28		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		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	29		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	14		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		0.98	2.5	5	ug/L
105-60-2	Caprolactam	27		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	28		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	29		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	31		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SLCS278	SDG No.:	BG112624
Lab Sample ID:	PB165278BS	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
BG063575.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	34		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	32		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	28		1.5	5	10	ug/L
83-32-9	Acenaphthene	31		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	29		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	29		1.4	5	10	ug/L
132-64-9	Dibenzofuran	31		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	31		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	31		0.87	2.5	5	ug/L
86-73-7	Fluorene	30		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	30		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	34		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	30		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	24		2.5	5	10	ug/L
85-01-8	Phenanthrene	30		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	29		1.2	2.5	5	ug/L
120-12-7	Anthracene	29		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		0.92	2.5	5	ug/L
86-74-8	Carbazole	30		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	31		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SLCS278	SDG No.:	BG112624
Lab Sample ID:	PB165278BS	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
BG063575.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	32		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	19		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	30		0.56	2.5	5	ug/L
218-01-9	Chrysene	30		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	32		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	32		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	31		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	30		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	30		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.032		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	25.012		20-120		63	SPK: -40
4165-62-2	Phenol-d5	30.269		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.788		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.929		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	30.908		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	31.901		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.422		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.952		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.587		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.737		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.538		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.507		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	31.766		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	SLCS278	SDG No.:	BG112624
Lab Sample ID:	PB165278BS	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
BG063575.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165278

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.045		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	30.611		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	31.998		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.049		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119640	7.829				
1146-65-2	Naphthalene-d8	504404	10.614				
15067-26-2	Acenaphthene-d10	371889	14.468				
1517-22-2	Phenanthrene-d10	920411	17.218				
1719-03-5	Chrysene-d12	953928	21.478				
1520-96-3	Perylene-d12	1043718	24.515				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BG112624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	SVOC-GPC2-BLANK							
P4958-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	78	510	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHF70							
P4996-01	BHF70	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHF71							
P4996-04	BHF71	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHF72							
P4996-05	BHF72	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHF73							
P4996-06	BHF73	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	BHF74							
P4996-07	BHF74	Water	3-Methyl-3-chloro-1-butene	*	11.000	J		
P4996-07	BHF74	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			11.00		
			Total Concentration:			11.00		
Client ID :	E1PJ2							
P5016-01	E1PJ2	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	2.400	J		
P5016-01	E1PJ2	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			2.40		
			Total Concentration:			2.40		
Client ID :	E1PJ3							
P5016-02	E1PJ3	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	3.600	J		
P5016-02	E1PJ3	Water	Tetrachloroethylene	*	34.000	J		
P5016-02	E1PJ3	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			37.60		

Hit Summary Sheet
SW-846

SDG No.: BG112624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:					37.60		
Client ID :	E1PJ4						
P5016-03	E1PJ4	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.: BG112024

SAS No.: BG112024

SDG No.: BG112024

Instrument ID: _____

Calibration Date(s): 11/20/2024

Calibration Time(s): 10:20

LAB FILE ID:		RRFAL1 = BG063479.D			RRFAL2 = BG063480.D		RRFAL3 = BG063481.D	
		RRFAL4 = BG063482.D			RRFAL5 = BG063483.D		RRFAL6 = BG063484.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.553	0.693	0.641	0.574	0.531		0.598	11.2
Benzaldehyde		1.157	1.188	1.056	0.726	0.580	0.941	29.0
Pyridine		1.562	1.718	1.639	1.583	1.578	1.616	4.0
Hexachloroethane	0.513	0.512	0.580	0.562	0.521		0.537	5.8
Nitrobenzene	0.386	0.430	0.480	0.455	0.452		0.441	8.0
Isophorone	0.738	0.791	0.867	0.816	0.810		0.805	5.8
2-Nitrophenol	0.158	0.164	0.191	0.183	0.184		0.176	7.8
2,4-Dimethylphenol	0.356	0.370	0.415	0.378	0.378		0.379	5.8
Bis(2-Chloroethoxy)methane	0.418	0.446	0.484	0.439	0.440		0.445	5.4
2,4-Dichlorophenol	0.303	0.316	0.363	0.339	0.334		0.331	7.0
Naphthalene	0.952	1.009	1.119	1.031	1.000		1.022	6.0
4-Chloroaniline		0.396	0.441	0.407	0.404	0.398	0.409	4.5
Hexachlorobutadiene	0.284	0.292	0.303	0.298	0.298		0.295	2.4
Phenol		1.744	1.898	1.800	1.771	1.755	1.794	3.5
Caprolactam		0.111	0.118	0.113	0.106	0.110	0.112	3.8
4-Chloro-3-methylphenol	0.301	0.316	0.367	0.346	0.354		0.337	8.1
1-Methylnaphthalene	0.746	0.758	0.818	0.754	0.734		0.762	4.3
2-Methylnaphthalene	0.671	0.709	0.789	0.738	0.722		0.726	6.0
Hexachlorocyclopentadiene		0.184	0.285	0.298	0.349	0.382	0.300	25.2
2,4,6-Trichlorophenol	0.366	0.369	0.408	0.389	0.397		0.386	4.6
2,4,5-Trichlorophenol	0.347	0.385	0.442	0.403	0.413		0.398	8.9
1,1-Biphenyl	1.243	1.297	1.464	1.331	1.301		1.327	6.2
2-Chloronaphthalene	0.998	1.028	1.145	1.025	1.018		1.043	5.6
2-Nitroaniline	0.262	0.294	0.376	0.356	0.356		0.329	14.7
Bis(2-Chloroethyl)ether		1.273	1.408	1.294	1.266	1.232	1.295	5.2
Dimethylphthalate	1.267	1.326	1.440	1.315	1.267		1.323	5.4
2,6-Dinitrotoluene	0.228	0.262	0.299	0.277	0.275		0.268	9.7
Acenaphthylene	1.460	1.514	1.735	1.563	1.510		1.556	6.8
3-Nitroaniline		0.260	0.274	0.244	0.229	0.223	0.246	8.7
Acenaphthene	1.089	1.106	1.235	1.103	1.088		1.124	5.6
2,4-Dinitrophenol		0.082	0.114	0.134	0.168	0.191	0.138	31.3
4-Nitrophenol		0.182	0.263	0.229	0.237	0.261	0.234	13.9
Dibenzofuran	1.512	1.598	1.770	1.621	1.563		1.613	6.0
2,4-Dinitrotoluene	0.354	0.403	0.460	0.423	0.412		0.411	9.3
Diethylphthalate	1.272	1.322	1.477	1.322	1.288		1.336	6.1
2-Chlorophenol	1.237	1.193	1.316	1.252	1.223		1.244	3.7

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.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: _____ Calibration Date(s): 11/20/2024

Calibration Time(s): 10:20

LAB FILE ID:		RRFAL1 = BG063479.D		RRFAL2 = BG063480.D		RRFAL3 = BG063481.D		
		RRFAL4 = BG063482.D		RRFAL5 = BG063483.D		RRFAL6 = BG063484.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.346	1.372	1.487	1.359	1.301		1.373	5.0
4-Chlorophenyl-phenylether	0.796	0.792	0.884	0.825	0.800		0.819	4.6
4-Nitroaniline		0.259	0.308	0.255	0.223	0.214	0.252	14.8
4,6-Dinitro-2-methylphenol		0.100	0.124	0.123	0.124	0.130	0.120	9.8
N-Nitrosodiphenylamine	0.442	0.463	0.534	0.477	0.458		0.475	7.4
1,2,4,5-Tetrachlorobenzene	0.665	0.683	0.750	0.713	0.704		0.703	4.6
4-Bromophenyl-phenylether	0.202	0.210	0.249	0.232	0.226		0.224	8.2
Hexachlorobenzene	0.222	0.224	0.257	0.237	0.234		0.235	5.9
Atrazine		0.215	0.253	0.233	0.224	0.221	0.229	6.5
Pentachlorophenol		0.075	0.114	0.109	0.119	0.132	0.110	19.2
2-Methylphenol		1.255	1.388	1.380	1.332	1.317	1.335	4.0
Phenanthrene	0.920	0.942	1.058	0.960	0.887		0.953	6.8
Pentachlorobenzene	0.259	0.275	0.321	0.298	0.285		0.287	8.2
Anthracene	0.951	0.959	1.081	0.979	0.898		0.974	6.9
1,2,3,4-Tetrachlorobenzene	0.267	0.275	0.317	0.302	0.294		0.291	7.0
Carbazole		0.810	0.936	0.824	0.772	0.698	0.808	10.7
Di-n-butylphthalate	0.867	0.902	1.068	0.935	0.858		0.926	9.2
Fluoranthene	1.045	1.101	1.262	1.122	1.013		1.109	8.7
Pyrene	1.146	1.161	1.392	1.197	1.042		1.188	10.8
Butylbenzylphthalate	0.355	0.367	0.432	0.399	0.375		0.385	7.9
3,3-Dichlorobenzidine		0.453	0.497	0.441	0.400	0.358	0.430	12.3
2,2-oxybis (1-Chloropropane)		1.885	2.057	1.939	1.824	1.779	1.897	5.7
Benzo (a) anthracene	1.261	1.293	1.449	1.294	1.170		1.293	7.8
Chrysene	1.179	1.212	1.361	1.206	1.087		1.209	8.2
Bis (2-ethylhexyl) phthalate	0.524	0.544	0.628	0.570	0.536		0.560	7.4
Di-n-octyl phthalate		0.873	1.015	0.924	0.883	0.742	0.887	11.2
Benzo (b) fluoranthene	1.091	1.175	1.309	1.239	1.189		1.201	6.7
Benzo (k) fluoranthene	1.134	1.144	1.397	1.199	1.151		1.205	9.2
Benzo (a) pyrene	1.063	1.090	1.244	1.130	1.092		1.124	6.4
Indeno (1,2,3-cd) pyrene	1.267	1.358	1.547	1.418	1.380		1.394	7.3
Dibenzo (a,h) anthracene	1.044	1.111	1.273	1.152	1.118		1.140	7.4
Benzo (g,h,i) perylene	0.965	1.038	1.173	1.067	1.042		1.057	7.1
Acetophenone		2.115	2.324	2.265	2.111	2.041	2.171	5.5
2,3,4,6-Tetrachlorophenol	0.331	0.347	0.420	0.393	0.400		0.378	9.9
1,4-Dioxane-d8	0.451	0.550	0.516	0.523	0.494		0.507	7.3
Pyridine-d5		1.554	1.671	1.618	1.557	1.541	1.588	3.5

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.: BG112024 SAS No.: BG112024 SDG No.: BG112024
Instrument ID: _____ Calibration Date(s): 11/20/2024 _____
Calibration Time(s): 10:20 _____

LAB FILE ID:		RRF _{FAL1} = BG063479.D			RRF _{FAL2} = BG063480.D		RRF _{FAL3} = BG063481.D	
		RRF _{FAL4} = BG063482.D			RRF _{FAL5} = BG063483.D		RRF _{FAL6} = BG063484.D	
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
Phenol-d5		1.493	1.779	1.705	1.621	1.627	1.645	6.5
Bis-(2-Chloroethyl)ether-d8		0.998	1.129	1.081	1.043	1.025	1.055	4.8
2-Chlorophenol-d4	1.047	1.183	1.241	1.192	1.166		1.166	6.2
4-Methylphenol-d8		1.278	1.453	1.437	1.360	1.346	1.375	5.2
Nitrobenzene-d5	0.121	0.140	0.160	0.146	0.152		0.144	10.3
2-Nitrophenol-d4	0.162	0.169	0.191	0.182	0.184		0.177	6.7
2,4-Dichlorophenol-d3	0.293	0.329	0.374	0.348	0.350		0.339	9.0
4-Chloroaniline-d4		0.394	0.470	0.426	0.430	0.422	0.428	6.3
4-Methylphenol		1.397	1.607	1.480	1.428	1.406	1.464	5.9
Dimethylphthalate-d6	1.250	1.330	1.502	1.365	1.341		1.358	6.7
Acenaphthylene-d8	1.475	1.520	1.687	1.558	1.501		1.548	5.4
4-Nitrophenol-d4		0.171	0.212	0.198	0.210	0.218	0.202	9.3
Fluorene-d10	1.202	1.192	1.330	1.234	1.211		1.234	4.5
4,6-Dinitro-2-methylphenol-		0.088	0.116	0.115	0.120	0.124	0.112	12.8
Anthracene-d10	0.831	0.842	0.969	0.879	0.824		0.869	6.9
Pyrene-d10	0.940	0.988	1.135	1.015	0.935		1.003	8.1
Benzo(a)pyrene-d12	0.899	0.920	1.069	0.998	0.965		0.970	7.0
N-Nitroso-di-n-propylamine	1.067	1.218	1.313	1.263	1.206		1.213	7.6

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.: BG112624 SAS No.: BG112624 SDG NO.: BG112624

EPA Sample No.: SSTD020419 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 12:27

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	102084	7.833	423472	10.62	332670	14.47
	UPPER LIMIT	204168	8.333	846944	11.118	665340	14.972
	LOWER LIMIT	51042	7.333	211736	10.118	166335	13.972
	EPA SAMPLE NO.						
01	SBLK258	101896	7.83	447217	10.61	346333	14.47
02	SBLK260	94806	7.82	398671	10.62	315360	14.47
03	BHF70	106647	7.83	421849	10.62	329971	14.47
04	BHF70MS	105160	7.83	433222	10.62	339660	14.47
05	BHF70MSD	105874	7.83	450235	10.61	351335	14.47
06	BHF71	98930	7.83	418741	10.62	334173	14.47
07	BHF72	99100	7.83	426108	10.62	329897	14.47
08	BHF73	95037	7.83	411023	10.61	321603	14.47
09	BHF74	103770	7.83	457981	10.62	356036	14.47
10	SLCS258	106700	7.83	457501	10.62	352174	14.47
11	SLCS260	106365	7.83	469524	10.62	354420	14.47
12	SBLK278	108195	7.83	443004	10.61	340731	14.47
13	SVOC-GPC2-BLANK	105661	7.83	421966	10.62	340107	14.46
14	E1PJ2	108113	7.83	427089	10.61	333944	14.47
15	E1PJ3	105506	7.83	433725	10.62	322293	14.47
16	E1PJ4	97898	7.82	423355	10.62	329530	14.47
17	SLCS278	119640	7.83	504404	10.61	371889	14.47

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG112624 SAS No.: BG112624 SDG NO.: BG112624

EPA Sample No.: SSTD020419 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 23:53

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	102084	7.833	423472	10.62	332670	14.47
UPPER LIMIT	204168	8.333	846944	11.118	665340	14.972
LOWER LIMIT	51042	7.333	211736	10.118	166335	13.972
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.: BG112624 SAS No.: BG112624 SDG NO.: BG112624

EPA Sample No.: SSTD020553 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BG063557.D Time Analyzed: 12:27

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	94208	7.829	366308	10.61	285670	14.47
UPPER LIMIT	188416	8.329	732616	11.114	571340	14.969
LOWER LIMIT	47104	7.329	183154	10.114	142835	13.969
EPA SAMPLE NO.						
01 SBLK258	101896	7.83	447217	10.61	346333	14.47
02 SBLK260	94806	7.82	398671	10.62	315360	14.47
03 BHF70	106647	7.83	421849	10.62	329971	14.47
04 BHF70MS	105160	7.83	433222	10.62	339660	14.47
05 BHF70MSD	105874	7.83	450235	10.61	351335	14.47
06 BHF71	98930	7.83	418741	10.62	334173	14.47
07 BHF72	99100	7.83	426108	10.62	329897	14.47
08 BHF73	95037	7.83	411023	10.61	321603	14.47
09 BHF74	103770	7.83	457981	10.62	356036	14.47
10 SLCS258	106700	7.83	457501	10.62	352174	14.47
11 SLCS260	106365	7.83	469524	10.62	354420	14.47

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.: BG112624 SAS No.: BG112624 SDG NO.: BG112624

EPA Sample No.: SSTD020554 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BG063569.D Time Analyzed: 20:44

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	99429	7.824	403753	10.62	300799	14.47
UPPER LIMIT	198858	8.324	807506	11.115	601598	14.969
LOWER LIMIT	49714.5	7.324	201876.5	10.115	150399.5	13.969
EPA SAMPLE NO.						
01 SBLK278	108195	7.83	443004	10.61	340731	14.47
02 SVOC-GPC2-BLANK	105661	7.83	421966	10.62	340107	14.46
03 E1PJ2	108113	7.83	427089	10.61	333944	14.47
04 E1PJ3	105506	7.83	433725	10.62	322293	14.47
05 E1PJ4	97898	7.82	423355	10.62	329530	14.47
06 SLCS278	119640	7.83	504404	10.61	371889	14.47

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.: BG112624 SAS No.: BG112624 SDG NO.: BG112624

EPA Sample No.: SSTD020419 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 12:27

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	798503	17.228	871478	21.482	939052	24.525
	UPPER LIMIT	1597006	17.728	1742956	21.982	1878104	25.025
	LOWER LIMIT	399251.5	16.728	435739	20.982	469526	24.025
	EPA SAMPLE NO.						
01	SBLK258	884083	17.22	1.01573e+	21.48	1.08758e+	24.52
02	SBLK260	783555	17.22	897753	21.48	978520	24.52
03	BHF70	827449	17.22	910528	21.48	963358	24.51
04	BHF70MS	851653	17.22	930486	21.48	994192	24.52
05	BHF70MSD	884725	17.22	956565	21.48	1.00964e+	24.52
06	BHF71	844759	17.22	934935	21.48	983093	24.51
07	BHF72	819524	17.22	906175	21.47	968464	24.52
08	BHF73	794412	17.22	843197	21.48	916099	24.52
09	BHF74	863621	17.22	906340	21.47	929787	24.51
10	SLCS258	862643	17.22	942011	21.48	996593	24.52
11	SLCS260	854576	17.22	903502	21.48	968072	24.52
12	SBLK278	858647	17.22	966249	21.48	1.02567e+	24.52
13	SVOC-GPC2-BLANK	833514	17.22	958451	21.47	1.01947e+	24.51
14	E1PJ2	787685	17.22	867355	21.48	937228	24.51
15	E1PJ3	791818	17.22	860122	21.47	937792	24.51
16	E1PJ4	810511	17.22	873086	21.47	933154	24.51
17	SLCS278	920411	17.22	953928	21.48	1.04372e+	24.52

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG112624 SAS No.: BG112624 SDG NO.: BG112624

EPA Sample No.: SSTD020419 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 23:53

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	798503	17.228	871478	21.482	939052	24.525
UPPER LIMIT	1597006	17.728	1742956	21.982	1878104	25.025
LOWER LIMIT	399251.5	16.728	435739	20.982	469526	24.025
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.: BG112624 SAS No.: BG112624 SDG NO.: BG112624

EPA Sample No.: SSTD020553 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BG063557.D Time Analyzed: 12:27

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	722830	17.218	815875	21.478	883550	24.516
UPPER LIMIT	1445660	17.718	1631750	21.978	1767100	25.016
LOWER LIMIT	361415	16.718	407937.5	20.978	441775	24.016
EPA SAMPLE NO.						
01 SBLK258	884083	17.22	1.01573e+	21.48	1.08758e+	24.52
02 SBLK260	783555	17.22	897753	21.48	978520	24.52
03 BHF70	827449	17.22	910528	21.48	963358	24.51
04 BHF70MS	851653	17.22	930486	21.48	994192	24.52
05 BHF70MSD	884725	17.22	956565	21.48	1.00964e+	24.52
06 BHF71	844759	17.22	934935	21.48	983093	24.51
07 BHF72	819524	17.22	906175	21.47	968464	24.52
08 BHF73	794412	17.22	843197	21.48	916099	24.52
09 BHF74	863621	17.22	906340	21.47	929787	24.51
10 SLCS258	862643	17.22	942011	21.48	996593	24.52
11 SLCS260	854576	17.22	903502	21.48	968072	24.52

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.: BG112624 SAS No.: BG112624 SDG NO.: BG112624

EPA Sample No.: SSTD020554 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BG063569.D Time Analyzed: 20:44

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	771720	17.219	859196	21.479	935496	24.516
UPPER LIMIT	1543440	17.719	1718392	21.979	1870992	25.016
LOWER LIMIT	385860	16.719	429598	20.979	467748	24.016
EPA SAMPLE NO.						
01 SBLK278	858647	17.22	966249	21.48	1.02567e+	24.52
02 SVOC-GPC2-BLANK	833514	17.22	958451	21.47	1.01947e+	24.51
03 E1PJ2	787685	17.22	867355	21.48	937228	24.51
04 E1PJ3	791818	17.22	860122	21.47	937792	24.51
05 E1PJ4	810511	17.22	873086	21.47	933154	24.51
06 SLCS278	920411	17.22	953928	21.48	1.04372e+	24.52

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.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165258BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	10	ug/L	25				0	0	
	Pyridine	40	24	ug/L	60				0	0	
	Phenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethyl)ether	40	29	ug/L	73				0	0	
	2-Chlorophenol	40	30	ug/L	75				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	31	ug/L	78				0	0	
	Acetophenone	40	29	ug/L	73				0	0	
	4-Methylphenol	40	30	ug/L	75				0	0	
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0	
	Hexachloroethane	40	29	ug/L	73				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	28	ug/L	70				0	0	
	2-Nitrophenol	40	31	ug/L	78				0	0	
	2,4-Dimethylphenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0	
	2,4-Dichlorophenol	40	29	ug/L	73				0	0	
	Naphthalene	40	29	ug/L	73				0	0	
	4-Chloroaniline	40	13	ug/L	33				0	0	
	Hexachlorobutadiene	40	28	ug/L	70				0	0	
	Caprolactam	40	28	ug/L	70				0	0	
	4-Chloro-3-methylphenol	40	31	ug/L	78				0	0	
	1-Methylnaphthalene	40	28	ug/L	70				0	0	
	2-Methylnaphthalene	40	30	ug/L	75				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	30	ug/L	75				0	0	
	1,1'-Biphenyl	40	29	ug/L	73				0	0	
	2-Chloronaphthalene	40	29	ug/L	73				0	0	
	2-Nitroaniline	40	31	ug/L	78				0	0	
	Dimethylphthalate	40	30	ug/L	75				0	0	
	2,6-Dinitrotoluene	40	30	ug/L	75				0	0	
	Acenaphthylene	40	30	ug/L	75				0	0	
	3-Nitroaniline	40	29	ug/L	73				0	0	
	Acenaphthene	40	30	ug/L	75				0	0	
	2,4-Dinitrophenol	40	30	ug/L	75				0	0	
	4-Nitrophenol	40	27	ug/L	68				0	0	
	Dibenzofuran	40	30	ug/L	75				0	0	
	2,4-Dinitrotoluene	40	31	ug/L	78				0	0	
	Diethylphthalate	40	30	ug/L	75				0	0	
	Fluorene	40	29	ug/L	73				0	0	
	4-Chlorophenyl-phenylether	40	29	ug/L	73				0	0	
	4-Nitroaniline	40	34	ug/L	85				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165258BS	4,6-Dinitro-2-methylphenol	40	31	ug/L	78				0	0	
	N-Nitrosodiphenylamine	40	30	ug/L	75				0	0	
	1,2,4,5-Tetrachlorobenzene	40	27	ug/L	68				0	0	
	4-Bromophenyl-phenylether	40	30	ug/L	75				0	0	
	Hexachlorobenzene	40	29	ug/L	73				0	0	
	Atrazine	40		ug/L	0				0	0	
	Pentachlorophenol	40	24	ug/L	60				0	0	
	Phenanthrene	40	30	ug/L	75				0	0	
	Pentachlorobenzene	40	28	ug/L	70				0	0	
	Anthracene	40	30	ug/L	75				0	0	
	1,2,3,4-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	Carbazole	40	31	ug/L	78				0	0	
	Di-n-butylphthalate	40	31	ug/L	78				0	0	
	Fluoranthene	40	31	ug/L	78				0	0	
	Pyrene	40	30	ug/L	75				0	0	
	Butylbenzylphthalate	40	32	ug/L	80				0	0	
	3,3'-Dichlorobenzidine	40	20	ug/L	50				0	0	
	Benzo(a)anthracene	40	30	ug/L	75				0	0	
	Chrysene	40	30	ug/L	75				0	0	
	Bis(2-ethylhexyl)phthalate	40	32	ug/L	80				0	0	
	Di-n-octylphthalate	40	33	ug/L	83				0	0	
	Benzo(b)fluoranthene	40	32	ug/L	80				0	0	
	Benzo(k)fluoranthene	40	30	ug/L	75				0	0	
	Benzo(a)pyrene	40	30	ug/L	75				0	0	
	Indeno(1,2,3-cd)pyrene	40	30	ug/L	75				0	0	
	Dibenzo(a,h)anthracene	40	31	ug/L	78				0	0	
	Benzo(g,h,i)perylene	40	30	ug/L	75				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.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165260BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	9.8	ug/L	25				0	0	
	Pyridine	40	24	ug/L	60				0	0	
	Phenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethyl)ether	40	29	ug/L	73				0	0	
	2-Chlorophenol	40	29	ug/L	73				0	0	
	2-Methylphenol	40	30	ug/L	75				0	0	
	2,2-oxybis(1-Chloropropane)	40	29	ug/L	73				0	0	
	Acetophenone	40	29	ug/L	73				0	0	
	4-Methylphenol	40	29	ug/L	73				0	0	
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0	
	Hexachloroethane	40	29	ug/L	73				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	28	ug/L	70				0	0	
	2-Nitrophenol	40	30	ug/L	75				0	0	
	2,4-Dimethylphenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0	
	2,4-Dichlorophenol	40	28	ug/L	70				0	0	
	Naphthalene	40	28	ug/L	70				0	0	
	4-Chloroaniline	40	13	ug/L	33				0	0	
	Hexachlorobutadiene	40	27	ug/L	68				0	0	
	Caprolactam	40	26	ug/L	65				0	0	
	4-Chloro-3-methylphenol	40	30	ug/L	75				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	30	ug/L	75				0	0	
	1,1'-Biphenyl	40	29	ug/L	73				0	0	
	2-Chloronaphthalene	40	28	ug/L	70				0	0	
	2-Nitroaniline	40	31	ug/L	78				0	0	
	Dimethylphthalate	40	29	ug/L	73				0	0	
	2,6-Dinitrotoluene	40	30	ug/L	75				0	0	
	Acenaphthylene	40	29	ug/L	73				0	0	
	3-Nitroaniline	40	27	ug/L	68				0	0	
	Acenaphthene	40	29	ug/L	73				0	0	
	2,4-Dinitrophenol	40	28	ug/L	70				0	0	
	4-Nitrophenol	40	29	ug/L	73				0	0	
	Dibenzofuran	40	29	ug/L	73				0	0	
	2,4-Dinitrotoluene	40	30	ug/L	75				0	0	
	Diethylphthalate	40	30	ug/L	75				0	0	
	Fluorene	40	29	ug/L	73				0	0	
	4-Chlorophenyl-phenylether	40	29	ug/L	73				0	0	
	4-Nitroaniline	40	32	ug/L	80				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165260BS	4,6-Dinitro-2-methylphenol	40	29	ug/L	73					0	0	
	N-Nitrosodiphenylamine	40	29	ug/L	73					0	0	
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70					0	0	
	4-Bromophenyl-phenylether	40	30	ug/L	75					0	0	
	Hexachlorobenzene	40	30	ug/L	75					0	0	
	Atrazine	40	0	ug/L	0					0	0	
	Pentachlorophenol	40	23	ug/L	58					0	0	
	Phenanthrene	40	29	ug/L	73					0	0	
	Pentachlorobenzene	40	29	ug/L	73					0	0	
	Anthracene	40	29	ug/L	73					0	0	
	1,2,3,4-Tetrachlorobenzene	40	29	ug/L	73					0	0	
	Carbazole	40	30	ug/L	75					0	0	
	Di-n-butylphthalate	40	30	ug/L	75					0	0	
	Fluoranthene	40	31	ug/L	78					0	0	
	Pyrene	40	30	ug/L	75					0	0	
	Butylbenzylphthalate	40	31	ug/L	78					0	0	
	3,3'-Dichlorobenzidine	40	19	ug/L	48					0	0	
	Benzo(a)anthracene	40	29	ug/L	73					0	0	
	Chrysene	40	29	ug/L	73					0	0	
	Bis(2-ethylhexyl)phthalate	40	31	ug/L	78					0	0	
	Di-n-octylphthalate	40	31	ug/L	78					0	0	
	Benzo(b)fluoranthene	40	30	ug/L	75					0	0	
	Benzo(k)fluoranthene	40	29	ug/L	73					0	0	
	Benzo(a)pyrene	40	29	ug/L	73					0	0	
	Indeno(1,2,3-cd)pyrene	40	29	ug/L	73					0	0	
	Dibenzo(a,h)anthracene	40	29	ug/L	73					0	0	
	Benzo(g,h,i)perylene	40	29	ug/L	73					0	0	
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68					0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165278BS	1,4-Dioxane	16	9.2	ug/L	58				0	0	
	Benzaldehyde	40	9.4	ug/L	23				0	0	
	Pyridine	40	22	ug/L	55				0	0	
	Phenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethyl)ether	40	29	ug/L	73				0	0	
	2-Chlorophenol	40	30	ug/L	75				0	0	
	2-Methylphenol	40	30	ug/L	75				0	0	
	2,2-oxybis(1-Chloropropane)	40	29	ug/L	73				0	0	
	Acetophenone	40	29	ug/L	73				0	0	
	4-Methylphenol	40	30	ug/L	75				0	0	
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0	
	Hexachloroethane	40	28	ug/L	70				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	28	ug/L	70				0	0	
	2-Nitrophenol	40	30	ug/L	75				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0	
	2,4-Dichlorophenol	40	28	ug/L	70				0	0	
	Naphthalene	40	29	ug/L	73				0	0	
	4-Chloroaniline	40	14	ug/L	35				0	0	
	Hexachlorobutadiene	40	27	ug/L	68				0	0	
	Caprolactam	40	27	ug/L	68				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	28	ug/L	70				0	0	
	2,4,6-Trichlorophenol	40	29	ug/L	73				0	0	
	2,4,5-Trichlorophenol	40	31	ug/L	78				0	0	
	1,1'-Biphenyl	40	31	ug/L	78				0	0	
	2-Chloronaphthalene	40	30	ug/L	75				0	0	
	2-Nitroaniline	40	34	ug/L	85				0	0	
	Dimethylphthalate	40	31	ug/L	78				0	0	
	2,6-Dinitrotoluene	40	32	ug/L	80				0	0	
	Acenaphthylene	40	30	ug/L	75				0	0	
	3-Nitroaniline	40	28	ug/L	70				0	0	
	Acenaphthene	40	31	ug/L	78				0	0	
	2,4-Dinitrophenol	40	29	ug/L	73				0	0	
	4-Nitrophenol	40	29	ug/L	73				0	0	
	Dibenzofuran	40	31	ug/L	78				0	0	
	2,4-Dinitrotoluene	40	31	ug/L	78				0	0	
	Diethylphthalate	40	31	ug/L	78				0	0	
	Fluorene	40	30	ug/L	75				0	0	
	4-Chlorophenyl-phenylether	40	30	ug/L	75				0	0	
	4-Nitroaniline	40	34	ug/L	85				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165278BS	4,6-Dinitro-2-methylphenol	40	31	ug/L	78				0	0		
	N-Nitrosodiphenylamine	40	30	ug/L	75				0	0		
	1,2,4,5-Tetrachlorobenzene	40	29	ug/L	73				0	0		
	4-Bromophenyl-phenylether	40	30	ug/L	75				0	0		
	Hexachlorobenzene	40	29	ug/L	73				0	0		
	Atrazine	40		ug/L	0				0	0		
	Pentachlorophenol	40	24	ug/L	60				0	0		
	Phenanthrene	40	30	ug/L	75				0	0		
	Pentachlorobenzene	40	29	ug/L	73				0	0		
	Anthracene	40	29	ug/L	73				0	0		
	1,2,3,4-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	Carbazole	40	30	ug/L	75				0	0		
	Di-n-butylphthalate	40	31	ug/L	78				0	0		
	Fluoranthene	40	31	ug/L	78				0	0		
	Pyrene	40	31	ug/L	78				0	0		
	Butylbenzylphthalate	40	32	ug/L	80				0	0		
	3,3'-Dichlorobenzidine	40	19	ug/L	48				0	0		
	Benzo(a)anthracene	40	30	ug/L	75				0	0		
	Chrysene	40	30	ug/L	75				0	0		
	Bis(2-ethylhexyl)phthalate	40	32	ug/L	80				0	0		
	Di-n-octylphthalate	40	32	ug/L	80				0	0		
	Benzo(b)fluoranthene	40	31	ug/L	78				0	0		
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(a)pyrene	40	30	ug/L	75				0	0		
	Indeno(1,2,3-cd)pyrene	40	30	ug/L	75				0	0		
	Dibenzo(a,h)anthracene	40	30	ug/L	75				0	0		
	Benzo(g,h,i)perylene	40	30	ug/L	75				0	0		
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112624

SAS No.: BG112624 SDG NO.: BG112624

Lab File ID: BG063571.D

Lab Sample ID: P4958-10

Instrument ID: BNA_G

Date Extracted: 11/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 21:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P4958-10	BG063571.D	11/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK258

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112624

SAS No.: BG112624 SDG NO.: BG112624

Lab File ID: BG063558.D

Lab Sample ID: PB165258BL

Instrument ID: BNA_G

Date Extracted: 11/25/2024

Matrix: (soil/water) Water

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 12:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165258BS	PB165258BS	BG063567.D	11/26/2024
BHF70	P4996-01	BG063560.D	11/26/2024
BHF70MS	P4996-02MS	BG063561.D	11/26/2024
BHF70MSD	P4996-03MSD	BG063562.D	11/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK260

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112624

SAS No.: BG112624 SDG NO.: BG112624

Lab File ID: BG063559.D

Lab Sample ID: PB165260BL

Instrument ID: BNA_G

Date Extracted: 11/25/2024

Matrix: (soil/water) Water

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 13:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165260BS	PB165260BS	BG063568.D	11/26/2024
BHF71	P4996-04	BG063563.D	11/26/2024
BHF72	P4996-05	BG063564.D	11/26/2024
BHF73	P4996-06	BG063565.D	11/26/2024
BHF74	P4996-07	BG063566.D	11/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK278

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112624

SAS No.: BG112624 SDG NO.: BG112624

Lab File ID: BG063570.D

Lab Sample ID: PB165278BL

Instrument ID: BNA_G

Date Extracted: 11/26/2024

Matrix: (soil/water) Water

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 20:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1PJ2	P5016-01	BG063572.D	11/26/2024
E1PJ3	P5016-02	BG063573.D	11/26/2024
E1PJ4	P5016-03	BG063574.D	11/26/2024
PB165278BS	PB165278BS	BG063575.D	11/26/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4996-02MS	Client Sample ID:	BHF70MS				DataFile:	BG063561.D			
1,4-Dioxane	16		4.5	ug/L	28				15	120	
Benzaldehyde	40		22	ug/L	55				0	0	
Pyridine	40		5.1	ug/L	13				0	0	
Phenol	40		8.1	ug/L	20				12	110	
Bis(2-chloroethyl)ether	40		30	ug/L	75				0	0	
2-Chlorophenol	40		26	ug/L	65				27	123	
2-Methylphenol	40		22	ug/L	55				0	0	
2,2-oxybis(1-Chloropropane)	40		30	ug/L	75				0	0	
Acetophenone	40		30	ug/L	75				0	0	
4-Methylphenol	40		19	ug/L	48				0	0	
N-Nitroso-di-n-propylamine	40		29	ug/L	73				41	116	
Hexachloroethane	40		26	ug/L	65				0	0	
Nitrobenzene	40		31	ug/L	78				0	0	
Isophorone	40		30	ug/L	75				0	0	
2-Nitrophenol	40		32	ug/L	80				0	0	
2,4-Dimethylphenol	40		26	ug/L	65				0	0	
Bis(2-chloroethoxy)methane	40		30	ug/L	75				0	0	
2,4-Dichlorophenol	40		29	ug/L	73				0	0	
Naphthalene	40		30	ug/L	75				0	0	
4-Chloroaniline	40		10	ug/L	25				0	0	
Hexachlorobutadiene	40		27	ug/L	68				0	0	
Caprolactam	40		5	ug/L	13				0	0	
4-Chloro-3-methylphenol	40		30	ug/L	75				23	97	
1-Methylnaphthalene	40		29	ug/L	73				0	0	
2-Methylnaphthalene	40		32	ug/L	80				0	0	
Hexachlorocyclopentadiene	40		22	ug/L	55				0	0	
2,4,6-Trichlorophenol	40		29	ug/L	73				0	0	
2,4,5-Trichlorophenol	40		32	ug/L	80				0	0	
1,1'-Biphenyl	40		31	ug/L	78				0	0	
2-Chloronaphthalene	40		31	ug/L	78				0	0	
2-Nitroaniline	40		36	ug/L	90				0	0	
Dimethylphthalate	40		33	ug/L	83				0	0	
2,6-Dinitrotoluene	40		35	ug/L	88				0	0	
Acenaphthylene	40		32	ug/L	80				0	0	
3-Nitroaniline	40		30	ug/L	75				0	0	
Acenaphthene	40		32	ug/L	80				46	118	
2,4-Dinitrophenol	40		32	ug/L	80				0	0	
4-Nitrophenol	40		7.5	ug/L	19				10	80	
Dibenzofuran	40		32	ug/L	80				0	0	
2,4-Dinitrotoluene	40		35	ug/L	88				24	96	
Diethylphthalate	40		35	ug/L	88				0	0	
Fluorene	40		33	ug/L	83				0	0	
4-Chlorophenyl-phenylether	40		32	ug/L	80				0	0	
4-Nitroaniline	40		38	ug/L	95				0	0	
4,6-Dinitro-2-methylphenol	40		34	ug/L	85				0	0	
N-Nitrosodiphenylamine	40		33	ug/L	83				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG112624

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		29	ug/L	73				0	0	
4-Bromophenyl-phenylether	40		33	ug/L	83				0	0	
Hexachlorobenzene	40		33	ug/L	83				0	0	
Atrazine	40			ug/L	0				0	0	
Pentachlorophenol	40		28	ug/L	70				9	103	
Phenanthrene	40		34	ug/L	85				0	0	
Pentachlorobenzene	40		30	ug/L	75				0	0	
Anthracene	40		34	ug/L	85				0	0	
1,2,3,4-Tetrachlorobenzene	40		29	ug/L	73				0	0	
Carbazole	40		35	ug/L	88				0	0	
Di-n-butylphthalate	40		36	ug/L	90				0	0	
Fluoranthene	40		35	ug/L	88				0	0	
Pyrene	40		35	ug/L	88				26	127	
Butylbenzylphthalate	40		36	ug/L	90				0	0	
3,3'-Dichlorobenzidine	40		31	ug/L	78				0	0	
Benzo(a)anthracene	40		34	ug/L	85				0	0	
Chrysene	40		34	ug/L	85				0	0	
Bis(2-ethylhexyl)phthalate	40		36	ug/L	90				0	0	
Di-n-octylphthalate	40		37	ug/L	93				0	0	
Benzo(b)fluoranthene	40		35	ug/L	88				0	0	
Benzo(k)fluoranthene	40		35	ug/L	88				0	0	
Benzo(a)pyrene	40		35	ug/L	88				0	0	
Indeno(1,2,3-cd)pyrene	40		34	ug/L	85				0	0	
Dibenzo(a,h)anthracene	40		35	ug/L	88				0	0	
Benzo(g,h,i)perylene	40		34	ug/L	85				0	0	
2,3,4,6-Tetrachlorophenol	40		31	ug/L	78				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4996-03MSD	Client Sample ID:	BHF70MSD					DataFile:	BG063562.D		
1,4-Dioxane	16		4.3	ug/L	27	4			15	120	50
Benzaldehyde	40		22	ug/L	55	0			0	0	0
Pyridine	40		5.4	ug/L	14	7	*		0	0	0
Phenol	40		7.7	ug/L	19	5			12	110	42
Bis(2-chloroethyl)ether	40		29	ug/L	73	3	*		0	0	0
2-Chlorophenol	40		26	ug/L	65	0			27	123	40
2-Methylphenol	40		22	ug/L	55	0			0	0	0
2,2-oxybis(1-Chloropropane)	40		30	ug/L	75	0			0	0	0
Acetophenone	40		31	ug/L	78	4	*		0	0	0
4-Methylphenol	40		19	ug/L	48	0			0	0	0
N-Nitroso-di-n-propylamine	40		31	ug/L	78	7			41	116	38
Hexachloroethane	40		25	ug/L	63	3	*		0	0	0
Nitrobenzene	40		30	ug/L	75	4	*		0	0	0
Isophorone	40		30	ug/L	75	0			0	0	0
2-Nitrophenol	40		31	ug/L	78	3	*		0	0	0
2,4-Dimethylphenol	40		26	ug/L	65	0			0	0	0
Bis(2-chloroethoxy)methane	40		30	ug/L	75	0			0	0	0
2,4-Dichlorophenol	40		29	ug/L	73	0			0	0	0
Naphthalene	40		29	ug/L	73	3	*		0	0	0
4-Chloroaniline	40		9.9	ug/L	25	0			0	0	0
Hexachlorobutadiene	40		27	ug/L	68	0			0	0	0
Caprolactam	40		4.8	ug/L	12	8	*		0	0	0
4-Chloro-3-methylphenol	40		30	ug/L	75	0			23	97	42
1-Methylnaphthalene	40		29	ug/L	73	0			0	0	0
2-Methylnaphthalene	40		31	ug/L	78	3	*		0	0	0
Hexachlorocyclopentadiene	40		24	ug/L	60	9	*		0	0	0
2,4,6-Trichlorophenol	40		30	ug/L	75	3	*		0	0	0
2,4,5-Trichlorophenol	40		32	ug/L	80	0			0	0	0
1,1'-Biphenyl	40		31	ug/L	78	0			0	0	0
2-Chloronaphthalene	40		31	ug/L	78	0			0	0	0
2-Nitroaniline	40		36	ug/L	90	0			0	0	0
Dimethylphthalate	40		33	ug/L	83	0			0	0	0
2,6-Dinitrotoluene	40		35	ug/L	88	0			0	0	0
Acenaphthylene	40		32	ug/L	80	0			0	0	0
3-Nitroaniline	40		31	ug/L	78	4	*		0	0	0
Acenaphthene	40		32	ug/L	80	0			46	118	31
2,4-Dinitrophenol	40		37	ug/L	93	15	*		0	0	0
4-Nitrophenol	40		8.1	ug/L	20	5			10	80	50
Dibenzofuran	40		33	ug/L	83	4	*		0	0	0
2,4-Dinitrotoluene	40		35	ug/L	88	0			24	96	38
Diethylphthalate	40		34	ug/L	85	3	*		0	0	0
Fluorene	40		33	ug/L	83	0			0	0	0
4-Chlorophenyl-phenylether	40		33	ug/L	83	4	*		0	0	0
4-Nitroaniline	40		37	ug/L	93	2	*		0	0	0
4,6-Dinitro-2-methylphenol	40		35	ug/L	88	3	*		0	0	0
N-Nitrosodiphenylamine	40		32	ug/L	80	4	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG112624

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		30	ug/L	75	3	*		0	0	0
4-Bromophenyl-phenylether	40		32	ug/L	80	4	*		0	0	0
Hexachlorobenzene	40		33	ug/L	83	0			0	0	0
Atrazine	40		1	ug/L	3	200	*		0	0	0
Pentachlorophenol	40		27	ug/L	68	3			9	103	50
Phenanthrene	40		33	ug/L	83	2	*		0	0	0
Pentachlorobenzene	40		31	ug/L	78	4	*		0	0	0
Anthracene	40		33	ug/L	83	2	*		0	0	0
1,2,3,4-Tetrachlorobenzene	40		29	ug/L	73	0			0	0	0
Carbazole	40		35	ug/L	88	0			0	0	0
Di-n-butylphthalate	40		35	ug/L	88	2	*		0	0	0
Fluoranthene	40		34	ug/L	85	3	*		0	0	0
Pyrene	40		34	ug/L	85	3			26	127	31
Butylbenzylphthalate	40		35	ug/L	88	2	*		0	0	0
3,3'-Dichlorobenzidine	40		31	ug/L	78	0			0	0	0
Benzo(a)anthracene	40		34	ug/L	85	0			0	0	0
Chrysene	40		34	ug/L	85	0			0	0	0
Bis(2-ethylhexyl)phthalate	40		35	ug/L	88	2	*		0	0	0
Di-n-octylphthalate	40		37	ug/L	93	0			0	0	0
Benzo(b)fluoranthene	40		34	ug/L	85	3	*		0	0	0
Benzo(k)fluoranthene	40		34	ug/L	85	3	*		0	0	0
Benzo(a)pyrene	40		33	ug/L	83	6	*		0	0	0
Indeno(1,2,3-cd)pyrene	40		33	ug/L	83	2	*		0	0	0
Dibenzo(a,h)anthracene	40		33	ug/L	83	6	*		0	0	0
Benzo(g,h,i)perylene	40		34	ug/L	85	0			0	0	0
2,3,4,6-Tetrachlorophenol	40		30	ug/L	75	4	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4958-10	SVOC-GPC2-BLA1BG063571.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4996-01	BHF70	BG063560.D	1,4-Dioxane-d8	8	3.64	45		15	120
			Pyridine-d5	40	4.74	12	*	20	120
			Phenol-d5	40	6.94	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.18	70		25	120
			2-Chlorophenol-d4	40	24.13	60		20	130
			4-Methylphenol-d8	40	16.81	42		25	125
			Nitrobenzene-d5	40	29.00	72		20	125
			2-Nitrophenol-d4	40	27.92	70		20	130
			2,4-Dichlorophenol-d3	40	27.59	69		20	120
			4-Chloroaniline-d4	40	23.41	59		1	146
			Dimethylphthalate-d6	40	32.48	81		25	130
			Acenaphthylene-d8	40	31.03	78		10	130
			4-Nitrophenol-d4	40	5.80	15		10	150
			Fluorene-d10	40	32.77	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.55	71		10	130
			Anthracene-d10	40	34.22	86		25	130
			Pyrene-d10	40	34.96	87		15	130
			Benzo(a)pyrene-d12	40	35.12	88		20	130
P4996-02MS	BHF70MS	BG063561.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Pyridine-d5	40	5.63	14	*	20	120
			Phenol-d5	40	7.82	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.42	76		25	120
			2-Chlorophenol-d4	40	25.69	64		20	130
			4-Methylphenol-d8	40	18.67	47		25	125
			Nitrobenzene-d5	40	32.07	80		20	125
			2-Nitrophenol-d4	40	30.84	77		20	130
			2,4-Dichlorophenol-d3	40	30.78	77		20	120
			4-Chloroaniline-d4	40	24.57	61		1	146
			Dimethylphthalate-d6	40	34.10	85		25	130
			Acenaphthylene-d8	40	31.53	79		10	130
			4-Nitrophenol-d4	40	8.15	20		10	150
			Fluorene-d10	40	33.77	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.43	91		10	130
			Anthracene-d10	40	35.16	88		25	130
			Pyrene-d10	40	36.12	90		15	130
			Benzo(a)pyrene-d12	40	36.28	91		20	130
P4996-03MSD	BHF70MSD	BG063562.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Pyridine-d5	40	5.75	14	*	20	120
			Phenol-d5	40	8.06	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.93	75		25	120
			2-Chlorophenol-d4	40	27.30	68		20	130
			4-Methylphenol-d8	40	19.28	48		25	125
			Nitrobenzene-d5	40	31.64	79		20	125
			2-Nitrophenol-d4	40	31.71	79		20	130
			2,4-Dichlorophenol-d3	40	30.56	76		20	120
			4-Chloroaniline-d4	40	24.03	60		1	146
			Dimethylphthalate-d6	40	34.44	86		25	130
			Acenaphthylene-d8	40	31.67	79		10	130
			4-Nitrophenol-d4	40	8.42	21		10	150

Surrogate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4996-03MSD	BHF70MSD	BG063562.D	Fluorene-d10	40	33.98	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.73	94		10	130
			Anthracene-d10	40	34.33	86		25	130
			Pyrene-d10	40	35.70	89		15	130
			Benzo(a)pyrene-d12	40	35.41	89		20	130
PB165258BL	PB165258BL	BG063558.D	1,4-Dioxane-d8	8	4.44	56		15	120
			Pyridine-d5	40	21.82	55		20	120
			Phenol-d5	40	24.72	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.54	64		25	120
			2-Chlorophenol-d4	40	25.63	64		20	130
			4-Methylphenol-d8	40	24.42	61		25	125
			Nitrobenzene-d5	40	23.87	60		20	125
			2-Nitrophenol-d4	40	23.87	60		20	130
			2,4-Dichlorophenol-d3	40	22.70	57		20	120
			4-Chloroaniline-d4	40	23.47	59		1	146
			Dimethylphthalate-d6	40	27.02	68		25	130
			Acenaphthylene-d8	40	25.06	63		10	130
			4-Nitrophenol-d4	40	21.17	53		10	150
			Fluorene-d10	40	26.74	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.98	55		10	130
			Anthracene-d10	40	27.02	68		25	130
			Pyrene-d10	40	27.27	68		15	130
			Benzo(a)pyrene-d12	40	27.44	69		20	130
			1,4-Dioxane-d8	8	5.79	72		15	120
			Pyridine-d5	40	27.32	68		20	120
			Phenol-d5	40	32.06	80		10	130
PB165258BS	PB165258BS	BG063567.D	Bis(2-Chloroethyl)ether-d8	40	30.45	76		25	120
			2-Chlorophenol-d4	40	30.43	76		20	130
			4-Methylphenol-d8	40	30.57	76		25	125
			Nitrobenzene-d5	40	30.68	77		20	125
			2-Nitrophenol-d4	40	29.97	75		20	130
			2,4-Dichlorophenol-d3	40	30.07	75		20	120
			4-Chloroaniline-d4	40	25.22	63		1	146
			Dimethylphthalate-d6	40	31.21	78		25	130
			Acenaphthylene-d8	40	31.38	78		10	130
			4-Nitrophenol-d4	40	31.20	78		10	150
			Fluorene-d10	40	31.48	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.14	83		10	130
			Anthracene-d10	40	31.35	78		25	130
			Pyrene-d10	40	31.83	80		15	130
			Benzo(a)pyrene-d12	40	31.88	80		20	130

Surrogate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4996-04	BHF71	BG063563.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Pyridine-d5	40	4.98	12	*	20	120
			Phenol-d5	40	7.48	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.84	70		25	120
			2-Chlorophenol-d4	40	24.83	62		20	130
			4-Methylphenol-d8	40	17.37	43		25	125
			Nitrobenzene-d5	40	27.42	69		20	125
			2-Nitrophenol-d4	40	27.43	69		20	130
			2,4-Dichlorophenol-d3	40	25.58	64		20	120
			4-Chloroaniline-d4	40	20.02	50		1	146
			Dimethylphthalate-d6	40	30.66	77		25	130
			Acenaphthylene-d8	40	29.00	73		10	130
			4-Nitrophenol-d4	40	5.86	15		10	150
			Fluorene-d10	40	31.39	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.02	70		10	130
			Anthracene-d10	40	33.98	85		25	130
			Pyrene-d10	40	34.14	85		15	130
			Benzo(a)pyrene-d12	40	34.16	85		20	130
P4996-05	BHF72	BG063564.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Pyridine-d5	40	4.49	11	*	20	120
			Phenol-d5	40	7.31	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.22	73		25	120
			2-Chlorophenol-d4	40	26.02	65		20	130
			4-Methylphenol-d8	40	16.76	42		25	125
			Nitrobenzene-d5	40	27.98	70		20	125
			2-Nitrophenol-d4	40	26.79	67		20	130
			2,4-Dichlorophenol-d3	40	25.58	64		20	120
			4-Chloroaniline-d4	40	18.76	47		1	146
			Dimethylphthalate-d6	40	31.22	78		25	130
			Acenaphthylene-d8	40	29.20	73		10	130
			4-Nitrophenol-d4	40	5.93	15		10	150
			Fluorene-d10	40	31.31	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.90	75		10	130
			Anthracene-d10	40	36.37	91		25	130
			Pyrene-d10	40	37.13	93		15	130
			Benzo(a)pyrene-d12	40	37.40	94		20	130
P4996-06	BHF73	BG063565.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Pyridine-d5	40	6.12	15	*	20	120
			Phenol-d5	40	0.23	1	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	29.64	74		25	120
			2-Chlorophenol-d4	40	14.91	37		20	130
			4-Methylphenol-d8	40	3.46	9	*	25	125
			Nitrobenzene-d5	40	28.95	72		20	125
			2-Nitrophenol-d4	40	25.77	64		20	130
			2,4-Dichlorophenol-d3	40	25.02	63		20	120
			4-Chloroaniline-d4	40	0.14	0	*	1	146
			Dimethylphthalate-d6	40	32.43	81		25	130
			Acenaphthylene-d8	40	3.93	10		10	130
			4-Nitrophenol-d4	40	5.61	14		10	150

Surrogate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4996-06	BHF73	BG063565.D	Fluorene-d10	40	30.83	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.38	71		10	130
			Anthracene-d10	40	16.86	42		25	130
			Pyrene-d10	40	25.79	64		15	130
			Benzo(a)pyrene-d12	40	28.04	70		20	130
P4996-07	BHF74	BG063566.D	1,4-Dioxane-d8	8	4.71	59		15	120
			Pyridine-d5	40	5.47	14	*	20	120
			Phenol-d5	40	0.35	1	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	31.03	78		25	120
			2-Chlorophenol-d4	40	16.09	40		20	130
			4-Methylphenol-d8	40	4.01	10	*	25	125
			Nitrobenzene-d5	40	29.96	75		20	125
			2-Nitrophenol-d4	40	27.84	70		20	130
			2,4-Dichlorophenol-d3	40	25.61	64		20	120
			4-Chloroaniline-d4	40	0.13	0	*	1	146
			Dimethylphthalate-d6	40	33.47	84		25	130
			Acenaphthylene-d8	40	4.60	12		10	130
			4-Nitrophenol-d4	40	5.88	15		10	150
			Fluorene-d10	40	30.66	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.78	77		10	130
			Anthracene-d10	40	18.95	47		25	130
			Pyrene-d10	40	26.91	67		15	130
			Benzo(a)pyrene-d12	40	28.95	72		20	130
PB165260BL	PB165260BL	BG063559.D	1,4-Dioxane-d8	8	4.94	62		15	120
			Pyridine-d5	40	23.60	59		20	120
			Phenol-d5	40	27.55	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.89	70		25	120
			2-Chlorophenol-d4	40	27.60	69		20	130
			4-Methylphenol-d8	40	27.21	68		25	125
			Nitrobenzene-d5	40	27.36	68		20	125
			2-Nitrophenol-d4	40	27.33	68		20	130
			2,4-Dichlorophenol-d3	40	24.98	62		20	120
			4-Chloroaniline-d4	40	26.36	66		1	146
			Dimethylphthalate-d6	40	29.16	73		25	130
			Acenaphthylene-d8	40	27.52	69		10	130
			4-Nitrophenol-d4	40	24.63	62		10	150
			Fluorene-d10	40	28.94	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.49	59		10	130
			Anthracene-d10	40	30.86	77		25	130
			Pyrene-d10	40	31.14	78		15	130
			Benzo(a)pyrene-d12	40	30.04	75		20	130
PB165260BS	PB165260BS	BG063568.D	1,4-Dioxane-d8	8	5.90	74		15	120
			Pyridine-d5	40	27.17	68		20	120
			Phenol-d5	40	31.49	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.95	77		25	120
			2-Chlorophenol-d4	40	31.85	80		20	130
			4-Methylphenol-d8	40	31.07	78		25	125
			Nitrobenzene-d5	40	30.61	77		20	125
			2-Nitrophenol-d4	40	30.04	75		20	130

Surrogate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165260BS	PB165260BS	BG063568.D	2,4-Dichlorophenol-d3	40	29.95	75		20	120
			4-Chloroaniline-d4	40	25.02	63		1	146
			Dimethylphthalate-d6	40	30.95	77		25	130
			Acenaphthylene-d8	40	30.19	75		10	130
			4-Nitrophenol-d4	40	30.04	75		10	150
			Fluorene-d10	40	31.16	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.88	82		10	130
			Anthracene-d10	40	30.76	77		25	130
			Pyrene-d10	40	32.27	81		15	130
			Benzo(a)pyrene-d12	40	31.15	78		20	130

Surrogate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5016-01	E1PJ2	BG063572.D	1,4-Dioxane-d8	8	3.96	49		15	120
			Pyridine-d5	40	3.67	9	*	20	120
			Phenol-d5	40	7.51	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.93	75		25	120
			2-Chlorophenol-d4	40	26.63	67		20	130
			4-Methylphenol-d8	40	17.00	42		25	125
			Nitrobenzene-d5	40	32.70	82		20	125
			2-Nitrophenol-d4	40	32.30	81		20	130
			2,4-Dichlorophenol-d3	40	28.74	72		20	120
			4-Chloroaniline-d4	40	15.96	40		1	146
			Dimethylphthalate-d6	40	33.79	84		25	130
			Acenaphthylene-d8	40	32.58	81		10	130
			4-Nitrophenol-d4	40	6.22	16		10	150
			Fluorene-d10	40	34.78	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.40	76		10	130
			Anthracene-d10	40	37.06	93		25	130
			Pyrene-d10	40	37.41	94		15	130
			Benzo(a)pyrene-d12	40	36.72	92		20	130
P5016-02	E1PJ3	BG063573.D	1,4-Dioxane-d8	8	3.65	46		15	120
			Pyridine-d5	40	5.74	14	*	20	120
			Phenol-d5	40	7.34	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.04	80		25	120
			2-Chlorophenol-d4	40	28.16	70		20	130
			4-Methylphenol-d8	40	17.20	43		25	125
			Nitrobenzene-d5	40	31.01	78		20	125
			2-Nitrophenol-d4	40	30.94	77		20	130
			2,4-Dichlorophenol-d3	40	29.65	74		20	120
			4-Chloroaniline-d4	40	21.16	53		1	146
			Dimethylphthalate-d6	40	35.61	89		25	130
			Acenaphthylene-d8	40	34.47	86		10	130
			4-Nitrophenol-d4	40	7.03	18		10	150
			Fluorene-d10	40	36.46	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.07	85		10	130
			Anthracene-d10	40	38.06	95		25	130
			Pyrene-d10	40	39.63	99		15	130
			Benzo(a)pyrene-d12	40	38.64	97		20	130
P5016-03	E1PJ4	BG063574.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Pyridine-d5	40	6.60	17	*	20	120
			Phenol-d5	40	7.97	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.50	79		25	120
			2-Chlorophenol-d4	40	28.28	71		20	130
			4-Methylphenol-d8	40	19.10	48		25	125
			Nitrobenzene-d5	40	30.98	77		20	125
			2-Nitrophenol-d4	40	30.54	76		20	130
			2,4-Dichlorophenol-d3	40	28.18	70		20	120
			4-Chloroaniline-d4	40	25.16	63		1	146
			Dimethylphthalate-d6	40	34.29	86		25	130
			Acenaphthylene-d8	40	32.86	82		10	130
			4-Nitrophenol-d4	40	6.91	17		10	150

Surrogate Summary

SW-846

SDG No.: BG112624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5016-03	E1PJ4	BG063574.D	Fluorene-d10	40	35.75	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.30	78		10	130
			Anthracene-d10	40	37.42	94		25	130
			Pyrene-d10	40	38.79	97		15	130
			Benzo(a)pyrene-d12	40	38.27	96		20	130
PB165278BL	PB165278BL	BG063570.D	Pyridine-d5	40	22.59	56		20	120
			1,4-Dioxane-d8	8	5.53	69		15	120
			Phenol-d5	40	25.95	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.09	68		25	120
			2-Chlorophenol-d4	40	26.07	65		20	130
			4-Methylphenol-d8	40	25.57	64		25	125
			Nitrobenzene-d5	40	26.55	66		20	125
			2-Nitrophenol-d4	40	27.05	68		20	130
			2,4-Dichlorophenol-d3	40	24.75	62		20	120
			4-Chloroaniline-d4	40	26.59	66		1	146
			Dimethylphthalate-d6	40	29.61	74		25	130
			Acenaphthylene-d8	40	28.57	71		10	130
			4-Nitrophenol-d4	40	23.67	59		10	150
			Fluorene-d10	40	29.43	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.08	58		10	130
			Anthracene-d10	40	29.14	73		25	130
			Pyrene-d10	40	29.71	74		15	130
			Benzo(a)pyrene-d12	40	29.47	74		20	130
PB165278BS	PB165278BS	BG063575.D	1,4-Dioxane-d8	8	5.03	63		15	120
			Pyridine-d5	40	25.01	63		20	120
			Phenol-d5	40	30.27	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.79	77		25	120
			2-Chlorophenol-d4	40	30.93	77		20	130
			4-Methylphenol-d8	40	30.91	77		25	125
			Nitrobenzene-d5	40	31.90	80		20	125
			2-Nitrophenol-d4	40	30.42	76		20	130
			2,4-Dichlorophenol-d3	40	29.95	75		20	120
			4-Chloroaniline-d4	40	24.59	61		1	146
			Dimethylphthalate-d6	40	31.74	79		25	130
			Acenaphthylene-d8	40	31.54	79		10	130
			4-Nitrophenol-d4	40	32.51	81		10	150
			Fluorene-d10	40	31.77	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.05	80		10	130
			Anthracene-d10	40	30.61	77		25	130
			Pyrene-d10	40	32.00	80		15	130
			Benzo(a)pyrene-d12	40	31.05	78		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG112624

Lab Code: CHEM

SAS No.: BG112624 SDG NO.: BG112624

Lab File ID: BG063556.D

DFTPP Injection Date: 11/26/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	36.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	78
443	15.0 - 24.0% of mass 442	15.3 (19.6) 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
SSTD020553	SSTDCCC020	BG063557.D	11/26/2024	09:49
SBLK258	PB165258BL	BG063558.D	11/26/2024	12:27
SBLK260	PB165260BL	BG063559.D	11/26/2024	13:08
BHF70	P4996-01	BG063560.D	11/26/2024	13:46
BHF70MS	P4996-02MS	BG063561.D	11/26/2024	14:24
BHF70MSD	P4996-03MSD	BG063562.D	11/26/2024	15:02
BHF71	P4996-04	BG063563.D	11/26/2024	15:40
BHF72	P4996-05	BG063564.D	11/26/2024	16:18
BHF73	P4996-06	BG063565.D	11/26/2024	16:56
BHF74	P4996-07	BG063566.D	11/26/2024	17:34
SLCS258	PB165258BS	BG063567.D	11/26/2024	18:12
SLCS260	PB165260BS	BG063568.D	11/26/2024	18:50
SSTD020554	SSTDCCC020	BG063569.D	11/26/2024	20:06
SBLK278	PB165278BL	BG063570.D	11/26/2024	20:44
SVOC-GPC2-BLANK	P4958-10	BG063571.D	11/26/2024	21:22
E1PJ2	P5016-01	BG063572.D	11/26/2024	22:00
E1PJ3	P5016-02	BG063573.D	11/26/2024	22:37
E1PJ4	P5016-03	BG063574.D	11/26/2024	23:15

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG112624

Lab Code: CHEM

SAS No.: BG112624

SDG NO.: BG112624

Lab File ID: BG063556.D

DFTPP Injection Date: 11/26/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	36.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	78
443	15.0 - 24.0% of mass 442	15.3 (19.6) 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
SLCS278	PB165278BS	BG063575.D	11/26/2024	23:53
SSTD020555	SSTDCCC020EC	BG063576.D	11/27/2024	01:09