

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP111824 SAS No.: BP111824 SDG No.: BP111824

Instrument ID: BNA_P Calibration Date/Time: 11/18/2024 : 10:28

Lab File ID: BP023191.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020726 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.481	0.490	0.010	1.8648	40.0
Benzaldehyde	0.851	1.015	0.010	19.2692	40.0
Pyridine	1.241	1.329	0.010	7.0865	40.0
Phenol	1.544	1.616	0.080	4.6724	20.0
Bis(2-Chloroethyl)ether	1.160	1.181	0.100	1.7969	20.0
2-Chlorophenol	1.124	1.177	0.200	4.6724	20.0
2-Methylphenol	1.153	1.180	0.010	2.3521	20.0
2,2-oxybis(1-Chloropropane)	1.314	1.408	0.010	7.1841	40.0
Acetophenone	2.045	2.111	0.060	3.2382	20.0
4-Methylphenol	1.273	1.322	0.010	3.833	20.0
N-Nitroso-di-n-propylamine	1.021	1.139	0.050	11.593	30.0
Hexachloroethane	0.544	0.566	0.100	4.1333	20.0
Nitrobenzene	0.400	0.448	0.050	12.0874	25.0
Isophorone	0.714	0.769	0.050	7.6101	25.0
2-Nitrophenol	0.175	0.186	0.050	5.8904	25.0
2,4-Dimethylphenol	0.378	0.425	0.050	12.3695	25.0
Bis(2-Chloroethoxy)methane	0.393	0.432	0.050	9.8283	20.0
2,4-Dichlorophenol	0.344	0.376	0.060	9.1264	20.0
Naphthalene	0.972	1.044	0.200	7.4395	20.0
4-Chloroaniline	0.402	0.420	0.010	4.6467	40.0
Hexachlorobutadiene	0.312	0.329	0.040	5.4777	30.0
Caprolactam	0.102	0.104	0.010	1.6005	40.0
4-Chloro-3-methylphenol	0.370	0.418	0.040	12.975	25.0
1-Methylnaphthalene	0.750	0.817	0.100	8.9944	20.0
2-Methylnaphthalene	0.734	0.802	0.100	9.3012	20.0
Hexachlorocyclopentadiene	0.355	0.277	0.010	-21.9518	40.0
2,4,6-Trichlorophenol	0.411	0.442	0.090	7.5176	25.0
2,4,5-Trichlorophenol	0.443	0.484	0.100	9.2585	25.0
1,1-Biphenyl	1.282	1.383	0.200	7.9018	20.0
2-Chloronaphthalene	1.048	1.127	0.300	7.5472	20.0
2-Nitroaniline	0.294	0.343	0.050	16.7707	40.0
Dimethylphthalate	1.422	1.491	0.300	4.8903	20.0
2,6-Dinitrotoluene	0.277	0.303	0.080	9.3973	30.0
Acenaphthylene	1.520	1.666	0.400	9.5583	20.0
3-Nitroaniline	0.238	0.260	0.010	9.3266	40.0
Acenaphthene	1.104	1.210	0.200	9.622	20.0
2,4-Dinitrophenol	0.196	0.150	0.010	-23.325	40.0
4-Nitrophenol	0.253	0.219	0.010	-13.754	40.0
Dibenzofuran	1.705	1.916	0.300	12.3803	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP111824 SAS No.: BP111824 SDG No.: BP111824

Instrument ID: BNA_P Calibration Date/Time: 11/18/2024 : 10:28

Lab File ID: BP023191.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020726 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.441	0.504	0.070	14.376	30.0
Diethylphthalate	1.406	1.522	0.300	8.2816	20.0
Fluorene	1.396	1.590	0.200	13.92	20.0
4-Chlorophenyl-phenylether	0.822	0.937	0.100	13.9592	20.0
4-Nitroaniline	0.222	0.244	0.010	10.2411	40.0
4,6-Dinitro-2-methylphenol	0.128	0.119	0.010	-7.3084	40.0
N-Nitrosodiphenylamine	0.462	0.522	0.050	12.9704	20.0
1,2,4,5-Tetrachlorobenzene	0.675	0.720	0.100	6.6062	20.0
4-Bromophenyl-phenylether	0.226	0.250	0.070	10.1941	20.0
Hexachlorobenzene	0.285	0.316	0.050	10.7875	25.0
Atrazine	0.223	0.234	0.010	4.9346	25.0
Pentachlorophenol	0.177	0.199	0.010	12.1767	40.0
Phenanthrene	0.944	1.075	0.200	13.8514	20.0
Pentachlorobenzene	0.302	0.333	0.050	10.3984	20.0
Anthracene	0.949	1.095	0.200	15.3294	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.280	0.050	5.9262	20.0
Carbazole	0.828	0.979	0.050	18.1533	40.0
Di-n-butylphthalate	0.919	1.046	0.500	13.7968	25.0
Fluoranthene	1.061	1.185	0.400	11.6236	25.0
Pyrene	1.140	1.317	0.400	15.531	25.0
Butylbenzylphthalate	0.375	0.420	0.100	11.761	40.0
3,3-Dichlorobenzidine	0.449	0.439	0.010	-2.1172	40.0
Benzo (a) anthracene	1.221	1.382	0.300	13.1245	30.0
Chrysene	1.149	1.291	0.200	12.3301	30.0
Bis(2-ethylhexyl)phthalate	0.533	0.591	0.200	10.8854	40.0
Di-n-octyl phthalate	0.811	0.873	0.010	7.5616	40.0
Benzo (b) fluoranthene	1.113	1.237	0.200	11.1318	25.0
Benzo (k) fluoranthene	1.096	1.289	0.200	17.6126	25.0
Benzo (a) pyrene	1.006	1.154	0.200	14.7114	20.0
Indeno (1,2,3-cd) pyrene	1.402	1.483	0.200	5.751	25.0
Dibenzo (a,h) anthracene	1.138	1.198	0.200	5.1989	30.0
Benzo (g,h,i) perylene	1.065	1.145	0.200	7.504	30.0
2,3,4,6-Tetrachlorophenol	0.433	0.483	0.040	11.5612	20.0
1,4-Dioxane-d8	0.416	0.455	0.010	9.3563	25.0
Pyridine-d5	1.236	1.323	0.010	6.9949	40.0
Phenol-d5	1.479	1.506	0.010	1.8698	25.0
Bis- (2-Chloroethyl) ether-d8	0.869	0.944	0.050	8.7202	25.0
2-Chlorophenol-d4	1.083	1.150	0.200	6.1822	20.0
4-Methylphenol-d8	1.217	1.263	0.010	3.7664	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP111824 SAS No.: BP111824 SDG No.: BP111824

Instrument ID: BNA_P Calibration Date/Time: 11/18/2024 : 10:28

Lab File ID: BP023191.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020726 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.148	0.050	6.0193	20.0
2-Nitrophenol-d4	0.166	0.179	0.050	7.9166	30.0
2,4-Dichlorophenol-d3	0.348	0.392	0.060	12.7809	20.0
4-Chloroaniline-d4	0.415	0.439	0.010	5.9509	40.0
Dimethylphthalate-d6	1.441	1.467	0.300	1.7528	20.0
Acenaphthylene-d8	1.504	1.622	0.400	7.8351	20.0
4-Nitrophenol-d4	0.217	0.164	0.010	-24.3358	40.0
Fluorene-d10	1.264	1.435	0.100	13.5294	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.114	0.010	-5.026	40.0
Anthracene-d10	0.847	0.967	0.300	14.1906	20.0
Pyrene-d10	0.921	1.035	0.300	12.3742	25.0
Benzo(a)pyrene-d12	0.953	1.081	0.010	13.4573	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.: BP111824 SAS No.: BP111824 SDG No.: BP111824

Instrument ID: BNA_P Calibration Date/Time: 11/18/2024 : 16:41

Lab File ID: BP023200.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020727 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.481	0.533	0.010	10.8334	40.0
Benzaldehyde	0.851	1.040	0.010	22.2472	40.0
Pyridine	1.241	1.323	0.010	6.5769	40.0
Phenol	1.544	1.613	0.080	4.4331	20.0
Bis(2-Chloroethyl)ether	1.160	1.201	0.100	3.5284	20.0
2-Chlorophenol	1.124	1.190	0.200	5.8305	20.0
2-Methylphenol	1.153	1.166	0.010	1.195	20.0
2,2-oxybis(1-Chloropropane)	1.314	1.456	0.010	10.8531	40.0
Acetophenone	2.045	2.134	0.060	4.372	20.0
4-Methylphenol	1.273	1.325	0.010	4.104	20.0
N-Nitroso-di-n-propylamine	1.021	1.123	0.050	9.9606	30.0
Hexachloroethane	0.544	0.554	0.100	1.8273	20.0
Nitrobenzene	0.400	0.453	0.050	13.3591	25.0
Isophorone	0.714	0.787	0.050	10.1752	25.0
2-Nitrophenol	0.175	0.188	0.050	7.3244	25.0
2,4-Dimethylphenol	0.378	0.415	0.050	9.6041	25.0
Bis(2-Chloroethoxy)methane	0.393	0.448	0.050	13.9446	20.0
2,4-Dichlorophenol	0.344	0.378	0.060	9.7093	20.0
Naphthalene	0.972	1.051	0.200	8.1207	20.0
4-Chloroaniline	0.402	0.425	0.010	5.7494	40.0
Hexachlorobutadiene	0.312	0.336	0.040	7.8876	30.0
Caprolactam	0.102	0.107	0.010	4.2842	40.0
4-Chloro-3-methylphenol	0.370	0.419	0.040	13.1754	25.0
1-Methylnaphthalene	0.750	0.830	0.100	10.641	20.0
2-Methylnaphthalene	0.734	0.808	0.100	10.0989	20.0
Hexachlorocyclopentadiene	0.355	0.297	0.010	-16.3793	40.0
2,4,6-Trichlorophenol	0.411	0.448	0.090	8.9826	25.0
2,4,5-Trichlorophenol	0.443	0.480	0.100	8.2901	25.0
1,1-Biphenyl	1.282	1.412	0.200	10.2099	20.0
2-Chloronaphthalene	1.048	1.124	0.300	7.246	20.0
2-Nitroaniline	0.294	0.345	0.050	17.1767	40.0
Dimethylphthalate	1.422	1.506	0.300	5.9228	20.0
2,6-Dinitrotoluene	0.277	0.297	0.080	7.4356	30.0
Acenaphthylene	1.520	1.703	0.400	11.9934	20.0
3-Nitroaniline	0.238	0.266	0.010	11.8406	40.0
Acenaphthene	1.104	1.229	0.200	11.3894	20.0
2,4-Dinitrophenol	0.196	0.145	0.010	-25.9079	40.0
4-Nitrophenol	0.253	0.178	0.010	-29.5807	40.0
Dibenzofuran	1.705	1.922	0.300	12.6815	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP111824 SAS No.: BP111824 SDG No.: BP111824

Instrument ID: BNA_P Calibration Date/Time: 11/18/2024 : 16:41

Lab File ID: BP023200.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020727 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.441	0.511	0.070	16.0151	30.0
Diethylphthalate	1.406	1.551	0.300	10.3509	20.0
Fluorene	1.396	1.543	0.200	10.5148	20.0
4-Chlorophenyl-phenylether	0.822	0.903	0.100	9.9049	20.0
4-Nitroaniline	0.222	0.259	0.010	16.712	40.0
4,6-Dinitro-2-methylphenol	0.128	0.121	0.010	-5.2913	40.0
N-Nitrosodiphenylamine	0.462	0.516	0.050	11.5605	20.0
1,2,4,5-Tetrachlorobenzene	0.675	0.721	0.100	6.7908	20.0
4-Bromophenyl-phenylether	0.226	0.245	0.070	8.1193	20.0
Hexachlorobenzene	0.285	0.299	0.050	4.842	25.0
Atrazine	0.223	0.226	0.010	1.0715	25.0
Pentachlorophenol	0.177	0.188	0.010	5.9464	40.0
Phenanthrene	0.944	1.045	0.200	10.6542	20.0
Pentachlorobenzene	0.302	0.324	0.050	7.3544	20.0
Anthracene	0.949	1.046	0.200	10.2263	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.279	0.050	5.7636	20.0
Carbazole	0.828	0.930	0.050	12.2386	40.0
Di-n-butylphthalate	0.919	1.035	0.500	12.6479	25.0
Fluoranthene	1.061	1.191	0.400	12.1887	25.0
Pyrene	1.140	1.361	0.400	19.3937	25.0
Butylbenzylphthalate	0.375	0.426	0.100	13.5131	40.0
3,3-Dichlorobenzidine	0.449	0.474	0.010	5.5986	40.0
Benzo (a) anthracene	1.221	1.400	0.300	14.6465	30.0
Chrysene	1.149	1.346	0.200	17.114	30.0
Bis (2-ethylhexyl) phthalate	0.533	0.605	0.200	13.3663	40.0
Di-n-octyl phthalate	0.811	0.865	0.010	6.5516	40.0
Benzo (b) fluoranthene	1.113	1.246	0.200	11.9101	25.0
Benzo (k) fluoranthene	1.096	1.249	0.200	13.9771	25.0
Benzo (a) pyrene	1.006	1.149	0.200	14.2219	20.0
Indeno (1,2,3-cd) pyrene	1.402	1.489	0.200	6.1874	25.0
Dibenzo (a,h) anthracene	1.138	1.208	0.200	6.1117	30.0
Benzo (g,h,i) perylene	1.065	1.153	0.200	8.2746	30.0
2,3,4,6-Tetrachlorophenol	0.433	0.483	0.040	11.5157	20.0
1,4-Dioxane-d8	0.416	0.481	0.010	15.6986	25.0
Pyridine-d5	1.236	1.333	0.010	7.8401	40.0
Phenol-d5	1.479	1.493	0.010	0.965	25.0
Bis- (2-Chloroethyl) ether-d8	0.869	0.920	0.050	5.8827	25.0
2-Chlorophenol-d4	1.083	1.139	0.200	5.187	20.0
4-Methylphenol-d8	1.217	1.251	0.010	2.8426	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP111824 SAS No.: BP111824 SDG No.: BP111824

Instrument ID: BNA_P Calibration Date/Time: 11/18/2024 : 16:41

Lab File ID: BP023200.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020727 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.152	0.050	8.888	20.0
2-Nitrophenol-d4	0.166	0.176	0.050	6.0845	30.0
2,4-Dichlorophenol-d3	0.348	0.384	0.060	10.3834	20.0
4-Chloroaniline-d4	0.415	0.443	0.010	6.7265	40.0
Dimethylphthalate-d6	1.441	1.544	0.300	7.1099	20.0
Acenaphthylene-d8	1.504	1.656	0.400	10.125	20.0
4-Nitrophenol-d4	0.217	0.165	0.010	-23.957	40.0
Fluorene-d10	1.264	1.415	0.100	11.9509	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.112	0.010	-6.8523	40.0
Anthracene-d10	0.847	0.937	0.300	10.6145	20.0
Pyrene-d10	0.921	1.051	0.300	14.0562	25.0
Benzo(a)pyrene-d12	0.953	1.090	0.010	14.4136	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.: BP111824 SAS No.: BP111824 SDG No.: BP111824
Instrument ID: BNA_P Calibration Date/Time: 11/18/2024 : 23:28
Lab File ID: BP023210.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020728 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.481	0.539	0.010	12.2126	50.0
Benzaldehyde	0.851	1.088	0.010	27.8347	50.0
Pyridine	1.241	1.373	0.010	10.619	50.0
Phenol	1.544	1.675	0.080	8.491	50.0
Bis(2-Chloroethyl)ether	1.160	1.280	0.100	10.2929	50.0
2-Chlorophenol	1.124	1.230	0.200	9.4036	50.0
2-Methylphenol	1.153	1.219	0.010	5.7788	50.0
2,2-oxybis(1-Chloropropane)	1.314	1.521	0.010	15.7787	50.0
Acetophenone	2.045	2.283	0.060	11.6701	50.0
4-Methylphenol	1.273	1.374	0.010	7.912	50.0
N-Nitroso-di-n-propylamine	1.021	1.189	0.050	16.4263	50.0
Hexachloroethane	0.544	0.586	0.100	7.687	50.0
Nitrobenzene	0.400	0.447	0.050	11.8189	50.0
Isophorone	0.714	0.781	0.050	9.3604	50.0
2-Nitrophenol	0.175	0.190	0.050	8.309	50.0
2,4-Dimethylphenol	0.378	0.418	0.050	10.4316	50.0
Bis(2-Chloroethoxy)methane	0.393	0.437	0.050	11.2239	50.0
2,4-Dichlorophenol	0.344	0.388	0.060	12.6484	50.0
Naphthalene	0.972	1.045	0.200	7.4998	50.0
4-Chloroaniline	0.402	0.419	0.010	4.1924	50.0
Hexachlorobutadiene	0.312	0.323	0.040	3.5696	50.0
Caprolactam	0.102	0.107	0.010	4.5079	50.0
4-Chloro-3-methylphenol	0.370	0.415	0.040	12.037	50.0
1-Methylnaphthalene	0.750	0.810	0.100	7.9985	50.0
2-Methylnaphthalene	0.734	0.800	0.100	9.117	50.0
Hexachlorocyclopentadiene	0.355	0.309	0.010	-12.8445	50.0
2,4,6-Trichlorophenol	0.411	0.439	0.090	6.8341	50.0
2,4,5-Trichlorophenol	0.443	0.493	0.100	11.2994	50.0
1,1-Biphenyl	1.282	1.362	0.200	6.3153	50.0
2-Chloronaphthalene	1.048	1.128	0.300	7.6714	50.0
2-Nitroaniline	0.294	0.341	0.050	15.8038	50.0
Dimethylphthalate	1.422	1.542	0.300	8.4697	50.0
2,6-Dinitrotoluene	0.277	0.306	0.080	10.6788	50.0
Acenaphthylene	1.520	1.661	0.400	9.2236	50.0
3-Nitroaniline	0.238	0.261	0.010	9.57	50.0
Acenaphthene	1.104	1.208	0.200	9.4109	50.0
2,4-Dinitrophenol	0.196	0.157	0.010	-20.1222	50.0
4-Nitrophenol	0.253	0.334	0.010	31.7237	50.0
Dibenzofuran	1.705	1.866	0.300	9.4333	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP111824 SAS No.: BP111824 SDG No.: BP111824

Instrument ID: BNA_P Calibration Date/Time: 11/18/2024 : 23:28

Lab File ID: BP023210.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020728 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.441	0.506	0.070	14.8291	50.0
Diethylphthalate	1.406	1.554	0.300	10.5183	50.0
Fluorene	1.396	1.560	0.200	11.7385	50.0
4-Chlorophenyl-phenylether	0.822	0.908	0.100	10.4253	50.0
4-Nitroaniline	0.222	0.257	0.010	15.8669	50.0
4,6-Dinitro-2-methylphenol	0.128	0.124	0.010	-2.9942	50.0
N-Nitrosodiphenylamine	0.462	0.513	0.050	10.9406	50.0
1,2,4,5-Tetrachlorobenzene	0.675	0.704	0.100	4.2807	50.0
4-Bromophenyl-phenylether	0.226	0.242	0.070	6.8127	50.0
Hexachlorobenzene	0.285	0.304	0.050	6.48	50.0
Atrazine	0.223	0.234	0.010	4.7821	50.0
Pentachlorophenol	0.177	0.196	0.010	10.4641	50.0
Phenanthrene	0.944	1.059	0.200	12.1521	50.0
Pentachlorobenzene	0.302	0.316	0.050	4.7212	50.0
Anthracene	0.949	1.067	0.200	12.3398	50.0
1,2,3,4-Tetrachlorobenzene	0.264	0.273	0.050	3.2109	50.0
Carbazole	0.828	0.918	0.050	10.8666	50.0
Di-n-butylphthalate	0.919	1.057	0.500	14.9669	50.0
Fluoranthene	1.061	1.214	0.400	14.3857	50.0
Pyrene	1.140	1.333	0.400	16.9149	50.0
Butylbenzylphthalate	0.375	0.448	0.100	19.4659	50.0
3,3-Dichlorobenzidine	0.449	0.465	0.010	3.5504	50.0
Benzo (a) anthracene	1.221	1.379	0.300	12.9101	50.0
Chrysene	1.149	1.309	0.200	13.9357	50.0
Bis(2-ethylhexyl)phthalate	0.533	0.622	0.200	16.6766	50.0
Di-n-octyl phthalate	0.811	0.939	0.010	15.7539	50.0
Benzo (b) fluoranthene	1.113	1.297	0.200	16.4825	50.0
Benzo (k) fluoranthene	1.096	1.264	0.200	15.3634	50.0
Benzo (a) pyrene	1.006	1.149	0.200	14.1613	50.0
Indeno (1,2,3-cd) pyrene	1.402	1.492	0.200	6.4064	50.0
Dibenzo (a,h) anthracene	1.138	1.206	0.200	5.9139	50.0
Benzo (g,h,i) perylene	1.065	1.143	0.200	7.3018	50.0
2,3,4,6-Tetrachlorophenol	0.433	0.487	0.040	12.5032	50.0
1,4-Dioxane-d8	0.416	0.487	0.010	17.0345	50.0
Pyridine-d5	1.236	1.345	0.010	8.7755	50.0
Phenol-d5	1.479	1.605	0.010	8.5574	50.0
Bis- (2-Chloroethyl) ether-d8	0.869	0.985	0.050	13.3358	50.0
2-Chlorophenol-d4	1.083	1.176	0.200	8.6355	50.0
4-Methylphenol-d8	1.217	1.307	0.010	7.4151	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP111824 SAS No.: BP111824 SDG No.: BP111824

Instrument ID: BNA_P Calibration Date/Time: 11/18/2024 : 23:28

Lab File ID: BP023210.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020728 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.148	0.050	6.5445	50.0
2-Nitrophenol-d4	0.166	0.176	0.050	6.1606	50.0
2,4-Dichlorophenol-d3	0.348	0.383	0.060	10.1136	50.0
4-Chloroaniline-d4	0.415	0.440	0.010	6.0966	50.0
Dimethylphthalate-d6	1.441	1.542	0.300	6.9428	50.0
Acenaphthylene-d8	1.504	1.621	0.400	7.7457	50.0
4-Nitrophenol-d4	0.217	0.183	0.010	-15.4211	50.0
Fluorene-d10	1.264	1.394	0.100	10.2877	50.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.114	0.010	-5.1991	50.0
Anthracene-d10	0.847	0.944	0.300	11.4172	50.0
Pyrene-d10	0.921	1.031	0.300	11.9358	50.0
Benzo(a)pyrene-d12	0.953	1.094	0.010	14.8159	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SBLK978	SDG No.:	BP111824
Lab Sample ID:	PB164978BL	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
BP023192.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164978

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	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	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	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	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SBLK978	SDG No.:	BP111824
Lab Sample ID:	PB164978BL	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
BP023192.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164978

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	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	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SBLK978	SDG No.:	BP111824
Lab Sample ID:	PB164978BL	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
BP023192.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164978

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.126		15-120		102	SPK: -8
7291-22-7	Pyridine-d5	33.911		20-120		85	SPK: -40
4165-62-2	Phenol-d5	34.006		10-130		85	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.832		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.737		20-130		92	SPK: -40
190780-66-6	4-Methylphenol-d8	33.266		25-125		83	SPK: -40
4165-60-0	Nitrobenzene-d5	36.784		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.511		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.666		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.025		1-146		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.598		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	38.07		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.749		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	38.934		25-125		97	SPK: -40

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	SBLK978	SDG No.:	BP111824
Lab Sample ID:	PB164978BL	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
BP023192.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164978

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.716		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	40.171		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	43.989		15-130		110	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.275		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56440	7.575				
1146-65-2	Naphthalene-d8	222306	10.322				
15067-26-2	Acenaphthene-d10	179750	14.192				
1517-22-2	Phenanthrene-d10	464908	17.004				
1719-03-5	Chrysene-d12	489255	21.445				
1520-96-3	Perylene-d12	539150	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S0	SDG No.:	BP111824
Lab Sample ID:	P4829-14	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
BP023193.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	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	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	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	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S0	SDG No.:	BP111824
Lab Sample ID:	P4829-14	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
BP023193.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	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	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S0	SDG No.:	BP111824
Lab Sample ID:	P4829-14	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
BP023193.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.688		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	6.2	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	8.244		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.9		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.628		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	19.752		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	33.293		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.606		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.205		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.474		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.706		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	34.421		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.273		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	36.996		25-125		92	SPK: -40

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S0	SDG No.:	BP111824
Lab Sample ID:	P4829-14	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
BP023193.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.645		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	42.498		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	44.251		15-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.275		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49786	7.575				
1146-65-2	Naphthalene-d8	192846	10.322				
15067-26-2	Acenaphthene-d10	155405	14.198				
1517-22-2	Phenanthrene-d10	386335	17.004				
1719-03-5	Chrysene-d12	440456	21.445				
1520-96-3	Perylene-d12	511226	24.668				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S2	SDG No.:	BP111824
Lab Sample ID:	P4829-15	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
BP023194.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	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	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	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	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S2	SDG No.:	BP111824
Lab Sample ID:	P4829-15	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
BP023194.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	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	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S2	SDG No.:	BP111824
Lab Sample ID:	P4829-15	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
BP023194.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.679		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	4.138	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	7.53		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.049		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.972		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	18.779		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	33.221		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.338		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.486		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.936		1-146		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.653		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	34.98		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.619		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	37.825		25-125		95	SPK: -40

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	E29S2	SDG No.:	BP111824
Lab Sample ID:	P4829-15	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
BP023194.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.741		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	44.194		25-130		110	SPK: -40
1718-52-1	Pyrene-d10	43.935		15-130		110	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.102		20-130		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42359	7.575				
1146-65-2	Naphthalene-d8	160048	10.322				
15067-26-2	Acenaphthene-d10	129689	14.192				
1517-22-2	Phenanthrene-d10	338873	17.01				
1719-03-5	Chrysene-d12	401149	21.445				
1520-96-3	Perylene-d12	483394	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	E29S6	SDG No.:	BP111824
Lab Sample ID:	P4829-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023195.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.2	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.93	U	0.93	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.1	ug/L
91-20-3	Naphthalene	0.96	U	0.96	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	0.96	U	0.96	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.1	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.93	U	0.93	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	E29S6	SDG No.:	BP111824
Lab Sample ID:	P4829-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BP023195.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.98	U	0.98	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
86-73-7	Fluorene	0.96	U	0.96	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	E29S6	SDG No.:	BP111824
Lab Sample ID:	P4829-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	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
BP023195.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.457		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	4.982	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	8.262		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.252		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.416		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	19.857		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	32.172		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.757		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.568		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.254		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.691		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	36.053		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.185		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	39.25		25-125		98	SPK: -40

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	E29S6	SDG No.:	BP111824
Lab Sample ID:	P4829-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP023195.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.054		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	42.746		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	41.989		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.952		20-130		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45759	7.575				
1146-65-2	Naphthalene-d8	174488	10.328				
15067-26-2	Acenaphthene-d10	132887	14.187				
1517-22-2	Phenanthrene-d10	347147	16.992				
1719-03-5	Chrysene-d12	426445	21.433				
1520-96-3	Perylene-d12	519825	24.657				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	3.2	J			15.575	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	E29S8	SDG No.:	BP111824
Lab Sample ID:	P4829-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023196.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	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	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	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	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	E29S8	SDG No.:	BP111824
Lab Sample ID:	P4829-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023196.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	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	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	E29S8	SDG No.:	BP111824
Lab Sample ID:	P4829-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023196.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.667		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	4.603	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	10.538		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.867		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.966		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	21.526		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	30.549		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.726		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.917		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.876		1-146		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.556		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	31.841		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.823		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	35.5		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	E29S8	SDG No.:	BP111824
Lab Sample ID:	P4829-17	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023196.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.52		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	38.129		25-130		95	SPK: -40
1718-52-1	Pyrene-d10	41.353		15-130		103	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.923		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52144	7.575				
1146-65-2	Naphthalene-d8	204048	10.316				
15067-26-2	Acenaphthene-d10	166112	14.187				
1517-22-2	Phenanthrene-d10	417156	17.004				
1719-03-5	Chrysene-d12	452555	21.433				
1520-96-3	Perylene-d12	525525	24.662				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	7.9	J			15.586	
000057-10-3	n-Hexadecanoic acid	2.9	J			17.939	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SLCS030	SDG No.:	BP111824
Lab Sample ID:	PB165030BS	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
BP023197.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13		0.35	0.5	2	ug/L
110-86-1	Pyridine	36		1.7	10	10	ug/L
100-52-7	Benzaldehyde	26		1.1	5	10	ug/L
108-95-2	Phenol	39		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	37		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	39		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	37		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39		1.9	5	10	ug/L
98-86-2	Acetophenone	37		1.5	5	10	ug/L
106-44-5	4-Methylphenol	38		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	39		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	38		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	40		1.4	2.5	5	ug/L
78-59-1	Isophorone	39		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	39		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	31		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	39		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	40		1.1	2.5	5	ug/L
91-20-3	Naphthalene	38		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	27		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	37		1.5	2.5	5	ug/L
105-60-2	Caprolactam	38		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	40		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	37		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	37		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	27		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	37		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	38		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SLCS030	SDG No.:	BP111824
Lab Sample ID:	PB165030BS	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
BP023197.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	39		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	39		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	45		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	39		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	40		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	40		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	41		1.6	5	10	ug/L
83-32-9	Acenaphthene	39		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	33		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	47		1.4	5	10	ug/L
132-64-9	Dibenzofuran	40		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	42		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	40		1.3	2.5	5	ug/L
86-73-7	Fluorene	40		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	43		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	40		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	38		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	39		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	39		1.2	2.5	5	ug/L
1912-24-9	Atrazine	15		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	30		1.9	5	10	ug/L
85-01-8	Phenanthrene	41		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	37		1.7	2.5	5	ug/L
120-12-7	Anthracene	40		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	38		1.7	2.5	5	ug/L
86-74-8	Carbazole	41		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	42		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	39		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SLCS030	SDG No.:	BP111824
Lab Sample ID:	PB165030BS	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
BP023197.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	39		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	42		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	40		1.1	2.5	5	ug/L
218-01-9	Chrysene	40		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	40		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	42		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	42		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	41		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	39		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	38		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	39		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.424		15-120		105	SPK: -8
7291-22-7	Pyridine-d5	37.834		20-120		95	SPK: -40
4165-62-2	Phenol-d5	40.334		10-130		101	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	40.266		25-120		101	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.481		20-130		101	SPK: -40
190780-66-6	4-Methylphenol-d8	38.274		25-125		96	SPK: -40
4165-60-0	Nitrobenzene-d5	40.674		20-125		102	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.355		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.822		20-120		102	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.094		1-146		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.283		25-130		98	SPK: -40
93951-97-4	Acenaphthylene-d8	40.858		10-130		102	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.163		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	42.154		25-125		105	SPK: -40

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	SLCS030	SDG No.:	BP111824
Lab Sample ID:	PB165030BS	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
BP023197.D	1	11/16/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.623		10-130		97	SPK: -40
1719-06-8	Anthracene-d10	41.59		25-130		104	SPK: -40
1718-52-1	Pyrene-d10	41.9		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.152		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51123	7.575				
1146-65-2	Naphthalene-d8	203141	10.322				
15067-26-2	Acenaphthene-d10	169601	14.187				
1517-22-2	Phenanthrene-d10	447762	16.998				
1719-03-5	Chrysene-d12	551933	21.433				
1520-96-3	Perylene-d12	633764	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP6	SDG No.:	BP111824
Lab Sample ID:	P4803-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023198.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164978

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.3		0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP6	SDG No.:	BP111824
Lab Sample ID:	P4803-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	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
BP023198.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164978

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP6	SDG No.:	BP111824
Lab Sample ID:	P4803-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023198.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164978

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.99		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	20.392		20-120		51	SPK: -40
4165-62-2	Phenol-d5	12.795		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.875		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.246		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.043		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	28.084		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.207		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.182		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.157		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.019		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	30.059		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.2		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	32.219		25-125		81	SPK: -40

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	A0AP6	SDG No.:	BP111824
Lab Sample ID:	P4803-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023198.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164978

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.548		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	35.929		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	37.163		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.608		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68679	7.546				
1146-65-2	Naphthalene-d8	269840	10.299				
15067-26-2	Acenaphthene-d10	213431	14.181				
1517-22-2	Phenanthrene-d10	536011	16.992				
1719-03-5	Chrysene-d12	629451	21.433				
1520-96-3	Perylene-d12	716987	24.663				
TENTATIVE IDENTIFIED COMPOUNDS							
000621-87-4	2-Propanone, 1-phenoxy-	2.6	J			10.604	
000122-99-6	Ethanol, 2-phenoxy-	15	J			10.675	
000770-35-4	1-Phenoxypropan-2-ol	11	J			11.046	
000119-61-9	Benzophenone	7.6	J			15.581	
001421-49-4	Benzoic acid, 3,5-bis(1,1-dimethyl	2.6	J			17.498	
000057-10-3	n-Hexadecanoic acid	5.7	J			17.933	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	3.1	J			19.563	
001454-84-8	n-Nonadecanol-1	2.8	J			21.116	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	E27P6	SDG No.:	BP111824
Lab Sample ID:	P4784-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023199.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	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	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	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	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	E27P6	SDG No.:	BP111824
Lab Sample ID:	P4784-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023199.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	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	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	E27P6	SDG No.:	BP111824
Lab Sample ID:	P4784-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023199.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	3.935	*	20-120		10	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.114		15-120		51	SPK: -8
4165-62-2	Phenol-d5	8.402		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.368		25-120		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.595		20-130		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.57		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	12.694		20-125		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.46		20-130		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.157		20-120		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.379		1-146		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.296		25-130		36	SPK: -40
93951-97-4	Acenaphthylene-d8	13.667		10-130		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.065		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	14.423		25-125		36	SPK: -40

Report of Analysis

Client:		Date Collected:	11/8/2024 12:00:00 AM
Project:		Date Received:	11/8/2024 12:00:00 AM
Client Sample ID:	E27P6	SDG No.:	BP111824
Lab Sample ID:	P4784-18	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023199.D	1	11/14/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB164977

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.25		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	15.199		25-130		38	SPK: -40
1718-52-1	Pyrene-d10	16.455		15-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.214		20-130		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58910	7.575				
1146-65-2	Naphthalene-d8	230734	10.322				
15067-26-2	Acenaphthene-d10	183284	14.187				
1517-22-2	Phenanthrene-d10	454104	16.998				
1719-03-5	Chrysene-d12	500981	21.439				
1520-96-3	Perylene-d12	558529	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK051	SDG No.:	BP111824
Lab Sample ID:	PB165051BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023201.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	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	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	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	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK051	SDG No.:	BP111824
Lab Sample ID:	PB165051BL	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
BP023201.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	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	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK051	SDG No.:	BP111824
Lab Sample ID:	PB165051BL	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
BP023201.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.028		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	30.114		20-120		75	SPK: -40
4165-62-2	Phenol-d5	30.776		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.077		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.561		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	31.445		25-125		79	SPK: -40
4165-60-0	Nitrobenzene-d5	33.073		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.121		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.766		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.416		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.025		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	33.479		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.499		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	33.96		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SBLK051	SDG No.:	BP111824
Lab Sample ID:	PB165051BL	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
BP023201.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.826		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	35.735		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	36.337		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.233		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74308	7.575				
1146-65-2	Naphthalene-d8	281470	10.322				
15067-26-2	Acenaphthene-d10	223860	14.187				
1517-22-2	Phenanthrene-d10	546416	16.992				
1719-03-5	Chrysene-d12	626562	21.439				
1520-96-3	Perylene-d12	695504	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3G9	SDG No.:	BP111824
Lab Sample ID:	P4882-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023202.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3G9	SDG No.:	BP111824
Lab Sample ID:	P4882-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023202.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3G9	SDG No.:	BP111824
Lab Sample ID:	P4882-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023202.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.254		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.926		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.471		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.647		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.054		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	24.377		20-125		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.186		20-130		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.856		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.835		1-146		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.25		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	25.497		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.394		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	28.569		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3G9	SDG No.:	BP111824
Lab Sample ID:	P4882-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023202.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.379		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	31.402		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	32.939		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.92		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60278	7.569				
1146-65-2	Naphthalene-d8	232030	10.322				
15067-26-2	Acenaphthene-d10	184625	14.193				
1517-22-2	Phenanthrene-d10	473890	16.992				
1719-03-5	Chrysene-d12	537439	21.439				
1520-96-3	Perylene-d12	676819	24.645				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	6.9	J			15.581	
000057-10-3	n-Hexadecanoic acid	3.4	J			17.933	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3J0	SDG No.:	BP111824
Lab Sample ID:	P4882-13	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
BP023203.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	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	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	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	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3J0	SDG No.:	BP111824
Lab Sample ID:	P4882-13	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
BP023203.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	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	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3J0	SDG No.:	BP111824
Lab Sample ID:	P4882-13	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
BP023203.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.489		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.388		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.845		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.039		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	22.399		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	28.567		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.553		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.68		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.513		1-146		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.614		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	30.938		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.59		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	32.637		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3J0	SDG No.:	BP111824
Lab Sample ID:	P4882-13	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
BP023203.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.847		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	35.929		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	37.643		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.318		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61723	7.575				
1146-65-2	Naphthalene-d8	231228	10.316				
15067-26-2	Acenaphthene-d10	179353	14.181				
1517-22-2	Phenanthrene-d10	456583	16.998				
1719-03-5	Chrysene-d12	527283	21.439				
1520-96-3	Perylene-d12	659784	24.657				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3J1	SDG No.:	BP111824
Lab Sample ID:	P4882-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	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
BP023204.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3J1	SDG No.:	BP111824
Lab Sample ID:	P4882-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	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
BP023204.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3J1	SDG No.:	BP111824
Lab Sample ID:	P4882-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	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
BP023204.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.382		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.072		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.449		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.194		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	23.879		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	29.595		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.109		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.851		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.684		1-146		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.158		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	27.823		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.826		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	32.143		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	BG3J1	SDG No.:	BP111824
Lab Sample ID:	P4882-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023204.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.191		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	33.948		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	35.651		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.673		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59758	7.575				
1146-65-2	Naphthalene-d8	230160	10.322				
15067-26-2	Acenaphthene-d10	184093	14.181				
1517-22-2	Phenanthrene-d10	469391	16.992				
1719-03-5	Chrysene-d12	527246	21.433				
1520-96-3	Perylene-d12	637934	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
000556-67-2	Cyclotetrasiloxane, octamethyl-	2.5	J			6.711	
000119-61-9	Benzophenone	4.7	J			15.575	
000057-10-3	n-Hexadecanoic acid	2.2	J			17.934	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BG3M5	SDG No.:	BP111824
Lab Sample ID:	P4884-01	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
BP023205.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	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	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	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	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BG3M5	SDG No.:	BP111824
Lab Sample ID:	P4884-01	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
BP023205.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	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	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BG3M5	SDG No.:	BP111824
Lab Sample ID:	P4884-01	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
BP023205.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	6.448	*	20-120		16	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.314		15-120		66	SPK: -8
4165-62-2	Phenol-d5	12.618		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.754		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.05		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	25.191		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	33.789		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.785		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.397		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.794		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.864		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.695		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.805		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	38.381		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BG3M5	SDG No.:	BP111824
Lab Sample ID:	P4884-01	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
BP023205.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.146		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	42.101		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	42.551		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.618		20-130		107	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59564	7.569				
1146-65-2	Naphthalene-d8	230854	10.322				
15067-26-2	Acenaphthene-d10	179755	14.187				
1517-22-2	Phenanthrene-d10	462257	17.004				
1719-03-5	Chrysene-d12	540432	21.433				
1520-96-3	Perylene-d12	641563	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BG3N5	SDG No.:	BP111824
Lab Sample ID:	P4884-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023206.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	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	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	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	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BG3N5	SDG No.:	BP111824
Lab Sample ID:	P4884-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023206.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	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	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BG3N5	SDG No.:	BP111824
Lab Sample ID:	P4884-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023206.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.076		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.7		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.085		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.344		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	23.19		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	32.556		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.974		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.425		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.609		1-146		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.649		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	30.278		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.201		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	35.685		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BG3N5	SDG No.:	BP111824
Lab Sample ID:	P4884-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023206.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.847		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	36.363		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	39.185		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.465		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62079	7.581				
1146-65-2	Naphthalene-d8	233355	10.322				
15067-26-2	Acenaphthene-d10	190576	14.187				
1517-22-2	Phenanthrene-d10	487057	16.998				
1719-03-5	Chrysene-d12	544587	21.427				
1520-96-3	Perylene-d12	648065	24.639				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BG3P4	SDG No.:	BP111824
Lab Sample ID:	P4884-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP023207.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.36	U	0.36	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.2	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.93	U	0.93	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.1	ug/L
91-20-3	Naphthalene	0.96	U	0.96	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	0.96	U	0.96	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.1	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.93	U	0.93	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BG3P4	SDG No.:	BP111824
Lab Sample ID:	P4884-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP023207.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.98	U	0.98	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
86-73-7	Fluorene	0.96	U	0.96	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BG3P4	SDG No.:	BP111824
Lab Sample ID:	P4884-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP023207.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.257		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.877		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.832		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.466		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	25.714		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	34.547		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.894		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.543		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.228		1-146		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.819		25-130		97	SPK: -40
93951-97-4	Acenaphthylene-d8	35.637		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.101		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	39.466		25-125		99	SPK: -40

Report of Analysis

Client:		Date Collected:	11/11/2024 12:00:00 AM
Project:		Date Received:	11/11/2024 12:00:00 AM
Client Sample ID:	BG3P4	SDG No.:	BP111824
Lab Sample ID:	P4884-19	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 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
BP023207.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.678		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	40.013		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	42.335		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.456		20-130		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61709	7.575				
1146-65-2	Naphthalene-d8	234368	10.322				
15067-26-2	Acenaphthene-d10	189817	14.187				
1517-22-2	Phenanthrene-d10	492288	16.998				
1719-03-5	Chrysene-d12	557046	21.439				
1520-96-3	Perylene-d12	667912	24.657				
TENTATIVE IDENTIFIED COMPOUNDS							
064001-05-4	1,6,11,16,21,26-Hexaoxacyclotriaco	6.5	J			21.557	
066055-34-3	1,6,11,16,21,26,31-Heptaoxacyclope	5.6	J			25.151	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS051	SDG No.:	BP111824
Lab Sample ID:	PB165051BS	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
BP023208.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	24		1.1	5	10	ug/L
110-86-1	Pyridine	30		1.7	10	10	ug/L
108-95-2	Phenol	33		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	33		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	33		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	35		1.9	5	10	ug/L
98-86-2	Acetophenone	33		1.5	5	10	ug/L
106-44-5	4-Methylphenol	33		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	36		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	32		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	34		1.4	2.5	5	ug/L
78-59-1	Isophorone	34		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	34		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	34		1.1	2.5	5	ug/L
91-20-3	Naphthalene	33		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	32		1.5	2.5	5	ug/L
105-60-2	Caprolactam	34		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	37		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	33		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	33		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	31		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	34		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS051	SDG No.:	BP111824
Lab Sample ID:	PB165051BS	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
BP023208.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	33		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	38		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	34		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	35		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		1.6	5	10	ug/L
83-32-9	Acenaphthene	34		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	27		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	31		1.4	5	10	ug/L
132-64-9	Dibenzofuran	34		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	34		1.3	2.5	5	ug/L
86-73-7	Fluorene	36		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	35		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	38		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	32		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	34		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	35		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.2	2.5	5	ug/L
1912-24-9	Atrazine	13		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	27		1.9	5	10	ug/L
85-01-8	Phenanthrene	35		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	32		1.7	2.5	5	ug/L
120-12-7	Anthracene	34		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	32		1.7	2.5	5	ug/L
86-74-8	Carbazole	34		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	37		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS051	SDG No.:	BP111824
Lab Sample ID:	PB165051BS	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
BP023208.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	38		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	35		1.1	2.5	5	ug/L
218-01-9	Chrysene	35		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	39		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	36		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	36		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	36		1.4	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	33		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	31		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.772		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	31.653		20-120		79	SPK: -40
4165-62-2	Phenol-d5	34.762		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.813		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.904		20-130		87	SPK: -40
190780-66-6	4-Methylphenol-d8	33.706		25-125		84	SPK: -40
4165-60-0	Nitrobenzene-d5	34.397		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.403		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.365		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.508		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.715		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	34.404		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.116		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	36.927		25-125		92	SPK: -40

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	SLCS051	SDG No.:	BP111824
Lab Sample ID:	PB165051BS	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
BP023208.D	1	11/18/2024 12:00:00 AM	11/18/2024 12:00:00 AM	PB165051

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.146		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	35.718		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	38.447		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.358		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70115	7.569				
1146-65-2	Naphthalene-d8	286160	10.316				
15067-26-2	Acenaphthene-d10	250081	14.187				
1517-22-2	Phenanthrene-d10	652248	16.992				
1719-03-5	Chrysene-d12	718741	21.427				
1520-96-3	Perylene-d12	832246	24.639				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6687			SDG No.:	BP111824		
Lab Sample ID:	SP6687			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023209.D	1		11/18/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	500	2000	ug/L
100-52-7	Benzaldehyde	1100	U	1100	5000	10000	ug/L
110-86-1	Pyridine	1700	U	1700	10000	10000	ug/L
108-95-2	Phenol	1600	U	1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	910	U	910	2500	5000	ug/L
95-48-7	2-Methylphenol	1500	U	1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1700	U	1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1900	U	1900	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1700	U	1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	690	U	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1100	U	1100	2500	5000	ug/L
91-20-3	Naphthalene	940	U	940	2500	5000	ug/L
106-47-8	4-Chloroaniline	940	U	940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1500	U	1500	2500	5000	ug/L
105-60-2	Caprolactam	2600	U	2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1600	U	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	910	U	910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1100	U	1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SP6687	SDG No.:	BP111824
Lab Sample ID:	SP6687	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023209.D	1		11/18/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1800	U	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	1100	U	1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1700	U	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	1200	U	1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	1600	U	1600	5000	10000	ug/L
83-32-9	Acenaphthene	960	U	960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	1800	U	1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	1100	U	1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1500	U	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	1300	U	1300	2500	5000	ug/L
86-73-7	Fluorene	940	U	940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	830	U	830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	950	U	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1200	U	1200	2500	5000	ug/L
1912-24-9	Atrazine	1800	U	1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	1900	U	1900	5000	10000	ug/L
85-01-8	Phenanthrene	1200	U	1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1700	U	1700	2500	5000	ug/L
120-12-7	Anthracene	1100	U	1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	2500	5000	ug/L
86-74-8	Carbazole	1100	U	1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1900	U	1900	2500	5000	ug/L
206-44-0	Fluoranthene	1900	U	1900	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6687			SDG No.:	BP111824		
Lab Sample ID:	SP6687			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023209.D	1		11/18/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	U	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	2700	U	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1400	U	1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1100	U	1100	2500	5000	ug/L
218-01-9	Chrysene	1100	U	1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3000	U	3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	2400	U	2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1400	U	1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1400	U	1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	U	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	20150	*	15-120		251875	SPK: -8
7291-22-7	Pyridine-d5	98482	*	20-120		246205	SPK: -40
4165-62-2	Phenol-d5	102517	*	10-130		256293	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	96538	*	25-120		241345	SPK: -40
93951-73-6	2-Chlorophenol-d4	104081	*	20-130		260202	SPK: -40
190780-66-6	4-Methylphenol-d8	99082	*	25-125		247705	SPK: -40
4165-60-0	Nitrobenzene-d5	96293	*	20-125		240732	SPK: -40
93951-78-1	2-Nitrophenol-d4	97373	*	20-130		243432	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	98938	*	20-120		247345	SPK: -40
191656-33-4	4-Chloroaniline-d4	83666	*	1-146		209165	SPK: -40
85448-30-2	Dimethylphthalate-d6	99065	*	25-130		247663	SPK: -40
93951-97-4	Acenaphthylene-d8	98419	*	10-130		246048	SPK: -40
93951-79-2	4-Nitrophenol-d4	82598	*	10-150		206495	SPK: -40
81103-79-9	Fluorene-d10	96242	*	25-125		240605	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6687			SDG No.:	BP111824		
Lab Sample ID:	SP6687			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023209.D	1		11/18/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	77572	*	10-130		193930	SPK: -40
1719-06-8	Anthracene-d10	97133	*	25-130		242832	SPK: -40
1718-52-1	Pyrene-d10	107643	*	15-130		269107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	99783	*	20-130		249457	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71081	7.581				
1146-65-2	Naphthalene-d8	272019	10.316				
15067-26-2	Acenaphthene-d10	201331	14.181				
1517-22-2	Phenanthrene-d10	499922	16.998				
1719-03-5	Chrysene-d12	494789	21.433				
1520-96-3	Perylene-d12	543995	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1100	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BP111824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E27P6								
P4784-18	E27P6	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : A0AP6								
P4803-04	A0AP6	Water	1-Phenoxypropan-2-ol	*	11.000	J		
P4803-04	A0AP6	Water	2-Propanone, 1-phenoxy-	*	2.600	J		
P4803-04	A0AP6	Water	Benzoic acid, 3,5-bis(1,1-dimethy	*	2.600	J		
P4803-04	A0AP6	Water	Benzophenone	*	7.600	J		
P4803-04	A0AP6	Water	Ethanol, 2-phenoxy-	*	15.000	J		
P4803-04	A0AP6	Water	n-Hexadecanoic acid	*	5.700	J		
P4803-04	A0AP6	Water	n-Nonadecanol-1	*	2.800	J		
P4803-04	A0AP6	Water	Phenol, 4,4-(1-methylethylidene)t	*	3.100	J		
P4803-04	A0AP6	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
			Total Tics :			50.40		
P4803-04	A0AP6	Water	1,4-Dioxane		4.300	0.35	2	ug/L
			Total Svoc :			4.30		
			Total Concentration:			54.70		
Client ID : E29S0								
P4829-14	E29S0	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E29S2								
P4829-15	E29S2	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E29S6								
P4829-16	E29S6	Water	Benzophenone	*	3.200	J		
P4829-16	E29S6	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
			Total Tics :			3.20		
			Total Concentration:			3.20		
Client ID : E29S8								
P4829-17	E29S8	Water	Benzophenone	*	7.900	J		
P4829-17	E29S8	Water	n-Hexadecanoic acid	*	2.900	J		
P4829-17	E29S8	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			10.80		

Hit Summary Sheet
SW-846

SDG No.: BP111824

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Total Concentration:							10.80		
Client ID : BG3G9									
P4882-02	BG3G9	Water	Benzophenone	*	6.900	J			
P4882-02	BG3G9	Water	n-Hexadecanoic acid	*	3.400	J			
P4882-02	BG3G9	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
Total Tics :							10.30		
Total Concentration:							10.30		
Client ID : BG3J0									
P4882-13	BG3J0	Water	Total Alkanes	*	0.000		1.1	5	ug/L
Total Tics :							0.00		
Total Concentration:							0.00		
Client ID : BG3J1									
P4882-14	BG3J1	Water	Benzophenone	*	4.700	J			
P4882-14	BG3J1	Water	Cyclotetrasiloxane, octamethyl-	*	2.500	J			
P4882-14	BG3J1	Water	n-Hexadecanoic acid	*	2.200	J			
P4882-14	BG3J1	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
Total Tics :							9.40		
Total Concentration:							9.40		
Client ID : BG3M5									
P4884-01	BG3M5	Water	Total Alkanes	*	0.000		1.1	5	ug/L
Total Tics :							0.00		
Total Concentration:							0.00		
Client ID : BG3N5									
P4884-11	BG3N5	Water	Total Alkanes	*	0.000		1.1	5	ug/L
Total Tics :							0.00		
Total Concentration:							0.00		
Client ID : BG3P4									
P4884-19	BG3P4	Water	1,6,11,16,21,26,31-Heptaoxacyclo *		5.600	J			
P4884-19	BG3P4	Water	1,6,11,16,21,26-Hexaoxacyclotria *		6.500	J			
P4884-19	BG3P4	Water	Total Alkanes	*	0.000		1.1	5.1	ug/L
Total Tics :							12.10		
Total Concentration:							12.10		
Client ID : SP6687									
SP6687	SP6687	Water	Total Alkanes	*	0.000		1100	5000	ug/L
Total Tics :							0.00		
Total Concentration:							0.00		



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

Hit Summary Sheet
SW-846

SDG No.: BP111824

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
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6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BP110924

SAS No.: BP110924

SDG No.: BP110924

Instrument ID:

Calibration Date(s): 11/8/2024

Calibration Time(s): 18:53

LAB FILE ID:		RRFAL1 = BP022940.D			RRFAL2 = BP022941.D		RRFAL3 = BP022942.D	
		RRFAL4 = BP022943.D			RRFAL5 = BP022944.D		RRFAL6 = BP022945.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.498	0.499	0.485	0.464	0.457		0.481	4.0
Benzaldehyde		1.019	1.045	0.911	0.710	0.569	0.851	24.2
Pyridine		1.164	1.224	1.292	1.301	1.227	1.241	4.5
Hexachloroethane	0.515	0.551	0.543	0.552	0.557		0.544	3.1
Nitrobenzene	0.370	0.382	0.418	0.416	0.412		0.400	5.5
Isophorone	0.643	0.679	0.754	0.757	0.739		0.714	7.1
2-Nitrophenol	0.155	0.166	0.183	0.184	0.188		0.175	8.1
2,4-Dimethylphenol	0.359	0.355	0.405	0.384	0.388		0.378	5.6
Bis(2-Chloroethoxy)methane	0.351	0.383	0.412	0.416	0.403		0.393	6.8
2,4-Dichlorophenol	0.311	0.314	0.366	0.369	0.361		0.344	8.4
Naphthalene	0.926	0.948	1.027	0.989	0.968		0.972	4.0
4-Chloroaniline		0.370	0.402	0.412	0.417	0.408	0.402	4.7
Hexachlorobutadiene	0.325	0.304	0.317	0.309	0.303		0.312	3.0
Phenol		1.401	1.516	1.585	1.631	1.588	1.544	5.8
Caprolactam		0.087	0.105	0.106	0.107	0.107	0.102	8.6
4-Chloro-3-methylphenol	0.324	0.348	0.396	0.394	0.390		0.370	8.8
1-Methylnaphthalene	0.705	0.732	0.785	0.774	0.753		0.750	4.3
2-Methylnaphthalene	0.696	0.709	0.764	0.753	0.747		0.734	4.0
Hexachlorocyclopentadiene		0.254	0.324	0.370	0.392	0.433	0.355	19.3
2,4,6-Trichlorophenol	0.364	0.383	0.422	0.441	0.446		0.411	8.9
2,4,5-Trichlorophenol	0.372	0.410	0.468	0.477	0.489		0.443	11.3
1,1-Biphenyl	1.181	1.267	1.337	1.329	1.294		1.282	4.9
2-Chloronaphthalene	0.959	1.041	1.090	1.075	1.072		1.048	5.0
2-Nitroaniline	0.233	0.273	0.309	0.327	0.329		0.294	14.0
Bis(2-Chloroethyl)ether		1.099	1.155	1.198	1.207	1.143	1.160	3.8
Dimethylphthalate	1.293	1.440	1.479	1.475	1.421		1.422	5.4
2,6-Dinitrotoluene	0.233	0.259	0.284	0.303	0.304		0.277	10.9
Acenaphthylene	1.332	1.492	1.633	1.575	1.570		1.520	7.7
3-Nitroaniline		0.220	0.253	0.250	0.238	0.231	0.238	5.7
Acenaphthene	0.998	1.095	1.147	1.150	1.129		1.104	5.7
2,4-Dinitrophenol		0.140	0.171	0.207	0.227	0.237	0.196	20.5
4-Nitrophenol		0.172	0.259	0.278	0.289	0.271	0.253	18.6
Dibenzofuran	1.590	1.696	1.793	1.750	1.699		1.705	4.5
2,4-Dinitrotoluene	0.366	0.424	0.470	0.472	0.471		0.441	10.5
Diethylphthalate	1.288	1.401	1.450	1.473	1.418		1.406	5.1
2-Chlorophenol	1.013	1.107	1.120	1.171	1.210		1.124	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP110924

SAS No.: BP110924

SDG No.: BP110924

Instrument ID: _____

Calibration Date(s): 11/8/2024 : _____

Calibration Time(s): 18:53 _____

LAB FILE ID:	RRFAL1 = BP022940.D			RRFAL2 = BP022941.D		RRFAL3 = BP022942.D		
	RRFAL4 = BP022943.D			RRFAL5 = BP022944.D		RRFAL6 = BP022945.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.277	1.408	1.445	1.420	1.430		1.396	4.8
4-Chlorophenyl-phenylether	0.774	0.833	0.831	0.838	0.832		0.822	3.3
4-Nitroaniline		0.221	0.273	0.218	0.212	0.184	0.222	14.6
4,6-Dinitro-2-methylphenol		0.107	0.127	0.133	0.135	0.138	0.128	9.6
N-Nitrosodiphenylamine	0.418	0.447	0.492	0.489	0.464		0.462	6.6
1,2,4,5-Tetrachlorobenzene	0.636	0.660	0.703	0.695	0.682		0.675	4.1
4-Bromophenyl-phenylether	0.216	0.216	0.233	0.241	0.226		0.226	4.7
Hexachlorobenzene	0.279	0.280	0.297	0.288	0.282		0.285	2.7
Atrazine		0.211	0.227	0.232	0.224	0.223	0.223	3.5
Pentachlorophenol		0.152	0.172	0.181	0.183	0.197	0.177	9.4
2-Methylphenol		1.056	1.121	1.186	1.212	1.189	1.153	5.6
Phenanthrene	0.887	0.934	0.994	0.969	0.936		0.944	4.3
Pentachlorobenzene	0.288	0.297	0.307	0.314	0.302		0.302	3.2
Anthracene	0.874	0.953	1.006	0.969	0.945		0.949	5.1
1,2,3,4-Tetrachlorobenzene	0.246	0.256	0.275	0.276	0.267		0.264	4.9
Carbazole		0.776	0.883	0.845	0.821	0.817	0.828	4.7
Di-n-butylphthalate	0.831	0.873	0.972	0.972	0.949		0.919	7.0
Fluoranthene	0.950	0.997	1.082	1.146	1.131		1.061	8.0
Pyrene	1.040	1.087	1.167	1.225	1.180		1.140	6.6
Butylbenzylphthalate	0.318	0.334	0.377	0.419	0.428		0.375	13.0
3,3-Dichlorobenzidine		0.422	0.482	0.456	0.450	0.435	0.449	5.1
2,2-oxybis(1-Chloropropane)		1.294	1.331	1.358	1.327	1.258	1.314	2.9
Benzo(a)anthracene	1.121	1.197	1.276	1.268	1.244		1.221	5.2
Chrysene	1.092	1.114	1.218	1.174	1.148		1.149	4.3
Bis(2-ethylhexyl)phthalate	0.429	0.496	0.545	0.589	0.608		0.533	13.6
Di-n-octyl phthalate		0.660	0.770	0.851	0.851	0.924	0.811	12.4
Benzo(b)fluoranthene	0.988	1.052	1.205	1.151	1.171		1.113	8.1
Benzo(k)fluoranthene	0.992	1.041	1.139	1.174	1.133		1.096	7.0
Benzo(a)pyrene	0.901	0.958	1.055	1.060	1.057		1.006	7.2
Indeno(1,2,3-cd)pyrene	1.372	1.346	1.464	1.417	1.411		1.402	3.2
Dibenzo(a,h)anthracene	1.116	1.102	1.183	1.141	1.150		1.138	2.7
Benzo(g,h,i)perylene	1.043	1.011	1.101	1.082	1.088		1.065	3.5
Acetophenone		1.921	2.046	2.134	2.098	2.025	2.045	4.0
2,3,4,6-Tetrachlorophenol	0.388	0.406	0.447	0.462	0.463		0.433	7.9
1,4-Dioxane-d8	0.387	0.411	0.440	0.419	0.423		0.416	4.7
Pyridine-d5		1.130	1.255	1.272	1.289	1.235	1.236	5.1

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.: BP110924 SAS No.: BP110924 SDG No.: BP110924
Instrument ID: _____ Calibration Date(s): 11/8/2024 : _____
Calibration Time(s): 18:53 _____

LAB FILE ID:		RRF _{FAL1} = BP022940.D			RRF _{FAL2} = BP022941.D		RRF _{FAL3} = BP022942.D	
		RRF _{FAL4} = BP022943.D			RRF _{FAL5} = BP022944.D		RRF _{FAL6} = BP022945.D	
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
Phenol-d5		1.311	1.446	1.513	1.567	1.556	1.479	7.1
Bis-(2-Chloroethyl)ether-d8		0.842	0.876	0.892	0.889	0.846	0.869	2.7
2-Chlorophenol-d4	0.941	1.050	1.095	1.151	1.179		1.083	8.7
4-Methylphenol-d8		1.078	1.167	1.274	1.285	1.280	1.217	7.5
Nitrobenzene-d5	0.121	0.133	0.145	0.148	0.148		0.139	8.5
2-Nitrophenol-d4	0.142	0.153	0.171	0.181	0.182		0.166	10.5
2,4-Dichlorophenol-d3	0.302	0.331	0.360	0.373	0.372		0.348	8.9
4-Chloroaniline-d4		0.371	0.420	0.425	0.429	0.428	0.415	5.9
4-Methylphenol		1.166	1.252	1.329	1.330	1.289	1.273	5.4
Dimethylphthalate-d6	1.325	1.430	1.482	1.511	1.460		1.441	5.0
Acenaphthylene-d8	1.326	1.449	1.579	1.571	1.596		1.504	7.7
4-Nitrophenol-d4		0.166	0.214	0.229	0.241	0.233	0.217	13.9
Fluorene-d10	1.179	1.247	1.303	1.299	1.291		1.264	4.1
4,6-Dinitro-2-methylphenol-		0.101	0.116	0.124	0.126	0.131	0.120	9.8
Anthracene-d10	0.773	0.805	0.917	0.882	0.857		0.847	6.8
Pyrene-d10	0.806	0.884	0.942	0.993	0.980		0.921	8.3
Benzo(a)pyrene-d12	0.839	0.881	1.016	1.012	1.016		0.953	9.0
N-Nitroso-di-n-propylamine	0.873	1.009	1.066	1.100	1.057		1.021	8.7

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.: BP111824 SAS No.: BP111824 SDG NO.: BP111824

EPA Sample No.: SSTD020630 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 11:09

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	53999	7.599	205623	10.35	171199	14.22
	UPPER LIMIT	107998	8.099	411246	10.851	342398	14.722
	LOWER LIMIT	26999.5	7.099	102811.5	9.851	85599.5	13.722
	EPA SAMPLE NO.						
01	SBLK978	56440	7.58	222306	10.32	179750	14.19
02	E29S0	49786	7.58	192846	10.32	155405	14.20
03	E29S2	42359	7.58	160048	10.32	129689	14.19
04	E29S6	45759	7.58	174488	10.33	132887	14.19
05	E29S8	52144	7.58	204048	10.32	166112	14.19
06	SLCS030	51123	7.58	203141	10.32	169601	14.19
07	A0AP6	68679	7.55	269840	10.30	213431	14.18
08	E27P6	58910	7.58	230734	10.32	183284	14.19
09	SBLK051	74308	7.58	281470	10.32	223860	14.19
10	BG3G9	60278	7.57	232030	10.32	184625	14.19
11	BG3J0	61723	7.58	231228	10.32	179353	14.18
12	BG3J1	59758	7.58	230160	10.32	184093	14.18
13	BG3M5	59564	7.57	230854	10.32	179755	14.19
14	BG3N5	62079	7.58	233355	10.32	190576	14.19
15	BG3P4	61709	7.58	234368	10.32	189817	14.19
16	SLCS051	70115	7.57	286160	10.32	250081	14.19
17	SP6687	71081	7.58	272019	10.32	201331	14.18

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111824 SAS No.: BP111824 SDG NO.: BP111824

EPA Sample No.: SSTD020630 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 22:47

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	53999	7.599	205623	10.35	171199	14.22
UPPER LIMIT	107998	8.099	411246	10.851	342398	14.722
LOWER LIMIT	26999.5	7.099	102811.5	9.851	85599.5	13.722
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.: BP111824 SAS No.: BP111824 SDG NO.: BP111824

EPA Sample No.: SSTD020726 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BP023191.D Time Analyzed: 11:09

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	57960	7.569	227814	10.32	194885	14.18
UPPER LIMIT	115920	8.069	455628	10.816	389770	14.68
LOWER LIMIT	28980	7.069	113907	9.816	97442.5	13.68
EPA SAMPLE NO.						
01 SBLK978	56440	7.58	222306	10.32	179750	14.19
02 E29S0	49786	7.58	192846	10.32	155405	14.20
03 E29S2	42359	7.58	160048	10.32	129689	14.19
04 E29S6	45759	7.58	174488	10.33	132887	14.19
05 E29S8	52144	7.58	204048	10.32	166112	14.19
06 SLCS030	51123	7.58	203141	10.32	169601	14.19
07 A0AP6	68679	7.55	269840	10.30	213431	14.18
08 E27P6	58910	7.58	230734	10.32	183284	14.19

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.: BP111824 SAS No.: BP111824 SDG NO.: BP111824

EPA Sample No.: SSTD020727 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BP023200.D Time Analyzed: 17:22

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	59036	7.575	228131	10.32	194236	14.20
UPPER LIMIT	118072	8.075	456262	10.822	388472	14.698
LOWER LIMIT	29518	7.075	114065.5	9.822	97118	13.698
EPA SAMPLE NO.						
01 SBLK051	74308	7.58	281470	10.32	223860	14.19
02 BG3G9	60278	7.57	232030	10.32	184625	14.19
03 BG3J0	61723	7.58	231228	10.32	179353	14.18
04 BG3J1	59758	7.58	230160	10.32	184093	14.18
05 BG3M5	59564	7.57	230854	10.32	179755	14.19
06 BG3N5	62079	7.58	233355	10.32	190576	14.19
07 BG3P4	61709	7.58	234368	10.32	189817	14.19
08 SLCS051	70115	7.57	286160	10.32	250081	14.19
09 SP6687	71081	7.58	272019	10.32	201331	14.18

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.: BP111824 SAS No.: BP111824 SDG NO.: BP111824

EPA Sample No.: SSTD020630 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 11:09

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	436257	17.033	540002	21.457	665185	24.68
	UPPER LIMIT	872514	17.533	1080004	21.957	1330370	25.18
	LOWER LIMIT	218128.5	16.533	270001	20.957	332592.5	24.18
	EPA SAMPLE NO.						
01	SBLK978	464908	17.00	489255	21.45	539150	24.65
02	E29S0	386335	17.00	440456	21.45	511226	24.67
03	E29S2	338873	17.01	401149	21.45	483394	24.65
04	E29S6	347147	16.99	426445	21.43	519825	24.66
05	E29S8	417156	17.00	452555	21.43	525525	24.66
06	SLCS030	447762	17.00	551933	21.43	633764	24.65
07	A0AP6	536011	16.99	629451	21.43	716987	24.66
08	E27P6	454104	17.00	500981	21.44	558529	24.65
09	SBLK051	546416	16.99	626562	21.44	695504	24.65
10	BG3G9	473890	16.99	537439	21.44	676819	24.65
11	BG3J0	456583	17.00	527283	21.44	659784	24.66
12	BG3J1	469391	16.99	527246	21.43	637934	24.65
13	BG3M5	462257	17.00	540432	21.43	641563	24.65
14	BG3N5	487057	17.00	544587	21.43	648065	24.64
15	BG3P4	492288	17.00	557046	21.44	667912	24.66
16	SLCS051	652248	16.99	718741	21.43	832246	24.64
17	SP6687	499922	17.00	494789	21.43	543995	24.65

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP111824 SAS No.: BP111824 SDG NO.: BP111824

EPA Sample No.: SSTD020630 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 22:47

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	436257	17.033	540002	21.457	665185	24.68
UPPER LIMIT	872514	17.533	1080004	21.957	1330370	25.18
LOWER LIMIT	218128.5	16.533	270001	20.957	332592.5	24.18
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.: BP111824 SAS No.: BP111824 SDG NO.: BP111824

EPA Sample No.: SSTD020726 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BP023191.D Time Analyzed: 11:09

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	511555	16.998	630040	21.433	741606	24.651
UPPER LIMIT	1023110	17.498	1260080	21.933	1483212	25.151
LOWER LIMIT	255777.5	16.498	315020	20.933	370803	24.151
EPA SAMPLE NO.						
01 SBLK978	464908	17.00	489255	21.45	539150	24.65
02 E29S0	386335	17.00	440456	21.45	511226	24.67
03 E29S2	338873	17.01	401149	21.45	483394	24.65
04 E29S6	347147	16.99	426445	21.43	519825	24.66
05 E29S8	417156	17.00	452555	21.43	525525	24.66
06 SLCS030	447762	17.00	551933	21.43	633764	24.65
07 A0AP6	536011	16.99	629451	21.43	716987	24.66
08 E27P6	454104	17.00	500981	21.44	558529	24.65

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.: BP111824 SAS No.: BP111824 SDG NO.: BP111824

EPA Sample No.: SSTD020727 Date Analyzed: Nov 18 2024 12:00AM

Lab File ID: BP023200.D Time Analyzed: 17:22

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	518117	17.004	614772	21.427	751613	24.651
UPPER LIMIT	1036234	17.504	1229544	21.927	1503226	25.151
LOWER LIMIT	259058.5	16.504	307386	20.927	375806.5	24.151
EPA SAMPLE NO.						
01 SBLK051	546416	16.99	626562	21.44	695504	24.65
02 BG3G9	473890	16.99	537439	21.44	676819	24.65
03 BG3J0	456583	17.00	527283	21.44	659784	24.66
04 BG3J1	469391	16.99	527246	21.43	637934	24.65
05 BG3M5	462257	17.00	540432	21.43	641563	24.65
06 BG3N5	487057	17.00	544587	21.43	648065	24.64
07 BG3P4	492288	17.00	557046	21.44	667912	24.66
08 SLCS051	652248	16.99	718741	21.43	832246	24.64
09 SP6687	499922	17.00	494789	21.43	543995	24.65

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.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB165030BS	1,4-Dioxane	16	13	ug/L	81				0	0	
	Benzaldehyde	40	26	ug/L	65				0	0	
	Pyridine	40	36	ug/L	90				0	0	
	Phenol	40	39	ug/L	98				0	0	
	Bis(2-chloroethyl)ether	40	37	ug/L	93				0	0	
	2-Chlorophenol	40	39	ug/L	98				0	0	
	2-Methylphenol	40	37	ug/L	93				0	0	
	2,2-oxybis(1-Chloropropane)	40	39	ug/L	98				0	0	
	Acetophenone	40	37	ug/L	93				0	0	
	4-Methylphenol	40	38	ug/L	95				0	0	
	N-Nitroso-di-n-propylamine	40	39	ug/L	98				0	0	
	Hexachloroethane	40	38	ug/L	95				0	0	
	Nitrobenzene	40	40	ug/L	100				0	0	
	Isophorone	40	39	ug/L	98				0	0	
	2-Nitrophenol	40	39	ug/L	98				0	0	
	2,4-Dimethylphenol	40	31	ug/L	78				0	0	
	Bis(2-chloroethoxy)methane	40	39	ug/L	98				0	0	
	2,4-Dichlorophenol	40	40	ug/L	100				0	0	
	Naphthalene	40	38	ug/L	95				0	0	
	4-Chloroaniline	40	27	ug/L	68				0	0	
	Hexachlorobutadiene	40	37	ug/L	93				0	0	
	Caprolactam	40	38	ug/L	95				0	0	
	4-Chloro-3-methylphenol	40	40	ug/L	100				0	0	
	1-Methylnaphthalene	40	37	ug/L	93				0	0	
	2-Methylnaphthalene	40	37	ug/L	93				0	0	
	Hexachlorocyclopentadiene	40	27	ug/L	68				0	0	
	2,4,6-Trichlorophenol	40	37	ug/L	93				0	0	
	2,4,5-Trichlorophenol	40	38	ug/L	95				0	0	
	1,1'-Biphenyl	40	39	ug/L	98				0	0	
	2-Chloronaphthalene	40	39	ug/L	98				0	0	
	2-Nitroaniline	40	45	ug/L	113				0	0	
	Dimethylphthalate	40	39	ug/L	98				0	0	
	2,6-Dinitrotoluene	40	40	ug/L	100				0	0	
	Acenaphthylene	40	40	ug/L	100				0	0	
	3-Nitroaniline	40	41	ug/L	103				0	0	
	Acenaphthene	40	39	ug/L	98				0	0	
	2,4-Dinitrophenol	40	33	ug/L	83				0	0	
	4-Nitrophenol	40	47	ug/L	117				0	0	
	Dibenzofuran	40	40	ug/L	100				0	0	
	2,4-Dinitrotoluene	40	42	ug/L	105				0	0	
	Diethylphthalate	40	40	ug/L	100				0	0	
	Fluorene	40	40	ug/L	100				0	0	
	4-Chlorophenyl-phenylether	40	40	ug/L	100				0	0	
	4-Nitroaniline	40	43	ug/L	108				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165030BS	4,6-Dinitro-2-methylphenol	40	37	ug/L	93				0	0	
	N-Nitrosodiphenylamine	40	40	ug/L	100				0	0	
	1,2,4,5-Tetrachlorobenzene	40	38	ug/L	95				0	0	
	4-Bromophenyl-phenylether	40	39	ug/L	98				0	0	
	Hexachlorobenzene	40	39	ug/L	98				0	0	
	Atrazine	40	15	ug/L	38				0	0	
	Pentachlorophenol	40	30	ug/L	75				0	0	
	Phenanthrene	40	41	ug/L	103				0	0	
	Pentachlorobenzene	40	37	ug/L	93				0	0	
	Anthracene	40	40	ug/L	100				0	0	
	1,2,3,4-Tetrachlorobenzene	40	38	ug/L	95				0	0	
	Carbazole	40	41	ug/L	103				0	0	
	Di-n-butylphthalate	40	42	ug/L	105				0	0	
	Fluoranthene	40	39	ug/L	98				0	0	
	Pyrene	40	39	ug/L	98				0	0	
	Butylbenzylphthalate	40	42	ug/L	105				0	0	
	3,3'-Dichlorobenzidine	40	37	ug/L	93				0	0	
	Benzo(a)anthracene	40	40	ug/L	100				0	0	
	Chrysene	40	40	ug/L	100				0	0	
	Bis(2-ethylhexyl)phthalate	40	41	ug/L	103				0	0	
	Di-n-octylphthalate	40	40	ug/L	100				0	0	
	Benzo(b)fluoranthene	40	42	ug/L	105				0	0	
	Benzo(k)fluoranthene	40	42	ug/L	105				0	0	
	Benzo(a)pyrene	40	41	ug/L	103				0	0	
	Indeno(1,2,3-cd)pyrene	40	39	ug/L	98				0	0	
	Dibenzo(a,h)anthracene	40	38	ug/L	95				0	0	
	Benzo(g,h,i)perylene	40	39	ug/L	98				0	0	
	2,3,4,6-Tetrachlorophenol	40	36	ug/L	90				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB165051BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	24	ug/L	60				0	0	
	Pyridine	40	30	ug/L	75				0	0	
	Phenol	40	33	ug/L	83				0	0	
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0	
	2-Chlorophenol	40	33	ug/L	83				0	0	
	2-Methylphenol	40	33	ug/L	83				0	0	
	2,2-oxybis(1-Chloropropane)	40	35	ug/L	88				0	0	
	Acetophenone	40	33	ug/L	83				0	0	
	4-Methylphenol	40	33	ug/L	83				0	0	
	N-Nitroso-di-n-propylamine	40	36	ug/L	90				0	0	
	Hexachloroethane	40	32	ug/L	80				0	0	
	Nitrobenzene	40	34	ug/L	85				0	0	
	Isophorone	40	34	ug/L	85				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethoxy)methane	40	34	ug/L	85				0	0	
	2,4-Dichlorophenol	40	34	ug/L	85				0	0	
	Naphthalene	40	33	ug/L	83				0	0	
	4-Chloroaniline	40	24	ug/L	60				0	0	
	Hexachlorobutadiene	40	32	ug/L	80				0	0	
	Caprolactam	40	34	ug/L	85				0	0	
	4-Chloro-3-methylphenol	40	37	ug/L	93				0	0	
	1-Methylnaphthalene	40	33	ug/L	83				0	0	
	2-Methylnaphthalene	40	33	ug/L	83				0	0	
	Hexachlorocyclopentadiene	40	24	ug/L	60				0	0	
	2,4,6-Trichlorophenol	40	31	ug/L	78				0	0	
	2,4,5-Trichlorophenol	40	34	ug/L	85				0	0	
	1,1'-Biphenyl	40	33	ug/L	83				0	0	
	2-Chloronaphthalene	40	33	ug/L	83				0	0	
	2-Nitroaniline	40	38	ug/L	95				0	0	
	Dimethylphthalate	40	34	ug/L	85				0	0	
	2,6-Dinitrotoluene	40	35	ug/L	88				0	0	
	Acenaphthylene	40	35	ug/L	88				0	0	
	3-Nitroaniline	40	35	ug/L	88				0	0	
	Acenaphthene	40	34	ug/L	85				0	0	
	2,4-Dinitrophenol	40	27	ug/L	68				0	0	
	4-Nitrophenol	40	31	ug/L	78				0	0	
	Dibenzofuran	40	34	ug/L	85				0	0	
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0	
	Diethylphthalate	40	34	ug/L	85				0	0	
	Fluorene	40	36	ug/L	90				0	0	
	4-Chlorophenyl-phenylether	40	35	ug/L	88				0	0	
	4-Nitroaniline	40	38	ug/L	95				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165051BS	4,6-Dinitro-2-methylphenol	40	32	ug/L	80				0	0		
	N-Nitrosodiphenylamine	40	34	ug/L	85				0	0		
	1,2,4,5-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	4-Bromophenyl-phenylether	40	35	ug/L	88				0	0		
	Hexachlorobenzene	40	34	ug/L	85				0	0		
	Atrazine	40	13	ug/L	33				0	0		
	Pentachlorophenol	40	27	ug/L	68				0	0		
	Phenanthrene	40	35	ug/L	88				0	0		
	Pentachlorobenzene	40	32	ug/L	80				0	0		
	Anthracene	40	34	ug/L	85				0	0		
	1,2,3,4-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	Carbazole	40	34	ug/L	85				0	0		
	Di-n-butylphthalate	40	37	ug/L	93				0	0		
	Fluoranthene	40	37	ug/L	93				0	0		
	Pyrene	40	37	ug/L	93				0	0		
	Butylbenzylphthalate	40	38	ug/L	95				0	0		
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0		
	Benzo(a)anthracene	40	35	ug/L	88				0	0		
	Chrysene	40	35	ug/L	88				0	0		
	Bis(2-ethylhexyl)phthalate	40	39	ug/L	98				0	0		
	Di-n-octylphthalate	40	36	ug/L	90				0	0		
	Benzo(b)fluoranthene	40	36	ug/L	90				0	0		
	Benzo(k)fluoranthene	40	36	ug/L	90				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	33	ug/L	83				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		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6687

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP111824

SAS No.: BP111824 SDG NO.: BP111824

Lab File ID: BP023209.D

Lab Sample ID: SP6687

Instrument ID: BNA_P

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 11/18/2024

Level: (low/med) LOW

Time Analyzed: 22:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6687	SP6687	BP023209.D	11/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E27P6

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP111824

SAS No.: BP111824 SDG NO.: BP111824

Lab File ID: BP023199.D

Lab Sample ID: P4784-18

Instrument ID: BNA_P

Date Extracted: 11/14/2024

Matrix: (soil/water) Water

Date Analyzed: 11/18/2024

Level: (low/med) LOW

Time Analyzed: 16:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E27P6	P4784-18	BP023199.D	11/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK978

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP111824

SAS No.: BP111824 SDG NO.: BP111824

Lab File ID: BP023192.D

Lab Sample ID: PB164978BL

Instrument ID: BNA_P

Date Extracted: 11/14/2024

Matrix: (soil/water) Water

Date Analyzed: 11/18/2024

Level: (low/med) LOW

Time Analyzed: 11:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A0AP6	P4803-04	BP023198.D	11/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E29S0

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP111824

SAS No.: BP111824 SDG NO.: BP111824

Lab File ID: BP023193.D

Lab Sample ID: P4829-14

Instrument ID: BNA_P

Date Extracted: 11/16/2024

Matrix: (soil/water) Water

Date Analyzed: 11/18/2024

Level: (low/med) LOW

Time Analyzed: 11:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E29S0	P4829-14	BP023193.D	11/18/2024
E29S2	P4829-15	BP023194.D	11/18/2024
E29S6	P4829-16	BP023195.D	11/18/2024
E29S8	P4829-17	BP023196.D	11/18/2024
PB165030BS	PB165030BS	BP023197.D	11/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK051

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP111824

SAS No.: BP111824 SDG NO.: BP111824

Lab File ID: BP023201.D

Lab Sample ID: PB165051BL

Instrument ID: BNA_P

Date Extracted: 11/18/2024

Matrix: (soil/water) Water

Date Analyzed: 11/18/2024

Level: (low/med) LOW

Time Analyzed: 17:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BG3G9	P4882-02	BP023202.D	11/18/2024
BG3J0	P4882-13	BP023203.D	11/18/2024
BG3J1	P4882-14	BP023204.D	11/18/2024
BG3M5	P4884-01	BP023205.D	11/18/2024
BG3N5	P4884-11	BP023206.D	11/18/2024
BG3P4	P4884-19	BP023207.D	11/18/2024
PB165051BS	PB165051BS	BP023208.D	11/18/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6687	SP6687	BP023209.D	1,4-Dioxane-d8	8	20,150.00	251875	*	15	120
			Pyridine-d5	40	98,482.00	246205	*	20	120
			Phenol-d5	40	102,517.00	256293	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	96,538.00	241345	*	25	120
			2-Chlorophenol-d4	40	104,081.00	260202	*	20	130
			4-Methylphenol-d8	40	99,082.00	247705	*	25	125
			Nitrobenzene-d5	40	96,293.00	240732	*	20	125
			2-Nitrophenol-d4	40	97,373.00	243432	*	20	130
			2,4-Dichlorophenol-d3	40	98,938.00	247345	*	20	120
			4-Chloroaniline-d4	40	83,666.00	209165	*	1	146
			Dimethylphthalate-d6	40	99,065.00	247663	*	25	130
			Acenaphthylene-d8	40	98,419.00	246048	*	10	130
			4-Nitrophenol-d4	40	82,598.00	206495	*	10	150
			Fluorene-d10	40	96,242.00	240605	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	77,572.00	193930	*	10	130
			Anthracene-d10	40	97,133.00	242832	*	25	130
			Pyrene-d10	40	107,643.00	269107	*	15	130
			Benzo(a)pyrene-d12	40	99,783.00	249457	*	20	130

Surrogate Summary

SW-846

SDG No.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4784-18	E27P6	BP023199.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Pyridine-d5	40	3.94	10	*	20	120
			Phenol-d5	40	8.40	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.37	31		25	120
			2-Chlorophenol-d4	40	12.60	31		20	130
			4-Methylphenol-d8	40	11.57	29		25	125
			Nitrobenzene-d5	40	12.69	32		20	125
			2-Nitrophenol-d4	40	12.46	31		20	130
			2,4-Dichlorophenol-d3	40	12.16	30		20	120
			4-Chloroaniline-d4	40	11.38	28		1	146
			Dimethylphthalate-d6	40	14.30	36		25	130
			Acenaphthylene-d8	40	13.67	34		10	130
			4-Nitrophenol-d4	40	6.07	15		10	150
			Fluorene-d10	40	14.42	36		25	125
			4,6-Dinitro-2-methylphenol-d2	40	8.25	21		10	130
			Anthracene-d10	40	15.20	38		25	130
			Pyrene-d10	40	16.46	41		15	130
			Benzo(a)pyrene-d12	40	15.21	38		20	130

Surrogate Summary

SW-846

SDG No.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4803-04	A0AP6	BP023198.D	Pyridine-d5	40	20.39	51		20	120
			1,4-Dioxane-d8	8	5.99	75		15	120
			Phenol-d5	40	12.80	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.88	75		25	120
			2-Chlorophenol-d4	40	28.25	71		20	130
			4-Methylphenol-d8	40	26.04	65		25	125
			Nitrobenzene-d5	40	28.08	70		20	125
			2-Nitrophenol-d4	40	28.21	71		20	130
			2,4-Dichlorophenol-d3	40	30.18	75		20	120
			4-Chloroaniline-d4	40	26.16	65		1	146
			Dimethylphthalate-d6	40	33.02	83		25	130
			Acenaphthylene-d8	40	30.06	75		10	130
			4-Nitrophenol-d4	40	8.20	20		10	150
			Fluorene-d10	40	32.22	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.55	61		10	130
			Anthracene-d10	40	35.93	90		25	130
			Pyrene-d10	40	37.16	93		15	130
			Benzo(a)pyrene-d12	40	36.61	92		20	130
PB164978BL	PB164978BL	BP023192.D	1,4-Dioxane-d8	8	8.13	102		15	120
			Pyridine-d5	40	33.91	85		20	120
			Phenol-d5	40	34.01	85		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.83	92		25	120
			2-Chlorophenol-d4	40	36.74	92		20	130
			4-Methylphenol-d8	40	33.27	83		25	125
			Nitrobenzene-d5	40	36.78	92		20	125
			2-Nitrophenol-d4	40	36.51	91		20	130
			2,4-Dichlorophenol-d3	40	32.67	82		20	120
			4-Chloroaniline-d4	40	33.03	83		1	146
			Dimethylphthalate-d6	40	38.60	96		25	130
			Acenaphthylene-d8	40	38.07	95		10	130
			4-Nitrophenol-d4	40	29.75	74		10	150
			Fluorene-d10	40	38.93	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.72	67		10	130
			Anthracene-d10	40	40.17	100		25	130
			Pyrene-d10	40	43.99	110		15	130
			Benzo(a)pyrene-d12	40	41.28	103		20	130

Surrogate Summary

SW-846

SDG No.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4829-14	E29S0	BP023193.D	1,4-Dioxane-d8	8	5.69	71		15	120
			Pyridine-d5	40	6.20	16	*	20	120
			Phenol-d5	40	8.24	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.90	82		25	120
			2-Chlorophenol-d4	40	29.63	74		20	130
			4-Methylphenol-d8	40	19.75	49		25	125
			Nitrobenzene-d5	40	33.29	83		20	125
			2-Nitrophenol-d4	40	32.61	82		20	130
			2,4-Dichlorophenol-d3	40	31.21	78		20	120
			4-Chloroaniline-d4	40	25.47	64		1	146
			Dimethylphthalate-d6	40	35.71	89		25	130
			Acenaphthylene-d8	40	34.42	86		10	130
			4-Nitrophenol-d4	40	7.27	18		10	150
			Fluorene-d10	40	37.00	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.65	72		10	130
			Anthracene-d10	40	42.50	106		25	130
			Pyrene-d10	40	44.25	111		15	130
			Benzo(a)pyrene-d12	40	43.28	108		20	130
P4829-15	E29S2	BP023194.D	1,4-Dioxane-d8	8	5.68	71		15	120
			Pyridine-d5	40	4.14	10	*	20	120
			Phenol-d5	40	7.53	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.05	85		25	120
			2-Chlorophenol-d4	40	28.97	72		20	130
			4-Methylphenol-d8	40	18.78	47		25	125
			Nitrobenzene-d5	40	33.22	83		20	125
			2-Nitrophenol-d4	40	33.34	83		20	130
			2,4-Dichlorophenol-d3	40	30.49	76		20	120
			4-Chloroaniline-d4	40	17.94	45		1	146
			Dimethylphthalate-d6	40	36.65	92		25	130
			Acenaphthylene-d8	40	34.98	87		10	130
			4-Nitrophenol-d4	40	7.62	19		10	150
			Fluorene-d10	40	37.83	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.74	74		10	130
			Anthracene-d10	40	44.19	110		25	130
			Pyrene-d10	40	43.94	110		15	130
			Benzo(a)pyrene-d12	40	42.10	105		20	130
P4829-16	E29S6	BP023195.D	1,4-Dioxane-d8	8	5.46	68		15	120
			Pyridine-d5	40	4.98	12	*	20	120
			Phenol-d5	40	8.26	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.25	83		25	120
			2-Chlorophenol-d4	40	28.42	71		20	130
			4-Methylphenol-d8	40	19.86	50		25	125
			Nitrobenzene-d5	40	32.17	80		20	125
			2-Nitrophenol-d4	40	32.76	82		20	130
			2,4-Dichlorophenol-d3	40	32.57	81		20	120
			4-Chloroaniline-d4	40	23.25	58		1	146
			Dimethylphthalate-d6	40	37.69	94		25	130
			Acenaphthylene-d8	40	36.05	90		10	130
			4-Nitrophenol-d4	40	7.19	18		10	150

Surrogate Summary

SW-846

SDG No.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4829-16	E29S6	BP023195.D	Fluorene-d10	40	39.25	98		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.05	78		10	130
			Anthracene-d10	40	42.75	107		25	130
			Pyrene-d10	40	41.99	105		15	130
			Benzo(a)pyrene-d12	40	41.95	105		20	130
P4829-17	E29S8	BP023196.D	1,4-Dioxane-d8	8	5.67	71		15	120
			Pyridine-d5	40	4.60	12	*	20	120
			Phenol-d5	40	10.54	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.87	77		25	120
			2-Chlorophenol-d4	40	28.97	72		20	130
			4-Methylphenol-d8	40	21.53	54		25	125
			Nitrobenzene-d5	40	30.55	76		20	125
			2-Nitrophenol-d4	40	31.73	79		20	130
			2,4-Dichlorophenol-d3	40	30.92	77		20	120
			4-Chloroaniline-d4	40	11.88	30		1	146
			Dimethylphthalate-d6	40	34.56	86		25	130
			Acenaphthylene-d8	40	31.84	80		10	130
			4-Nitrophenol-d4	40	8.82	22		10	150
			Fluorene-d10	40	35.50	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.52	69		10	130
			Anthracene-d10	40	38.13	95		25	130
			Pyrene-d10	40	41.35	103		15	130
			Benzo(a)pyrene-d12	40	37.92	95		20	130
PB165030BS	PB165030BS	BP023197.D	1,4-Dioxane-d8	8	8.42	105		15	120
			Pyridine-d5	40	37.83	95		20	120
			Phenol-d5	40	40.33	101		10	130
			Bis(2-Chloroethyl)ether-d8	40	40.27	101		25	120
			2-Chlorophenol-d4	40	40.48	101		20	130
			4-Methylphenol-d8	40	38.27	96		25	125
			Nitrobenzene-d5	40	40.67	102		20	125
			2-Nitrophenol-d4	40	39.36	98		20	130
			2,4-Dichlorophenol-d3	40	40.82	102		20	120
			4-Chloroaniline-d4	40	34.09	85		1	146
			Dimethylphthalate-d6	40	39.28	98		25	130
			Acenaphthylene-d8	40	40.86	102		10	130
			4-Nitrophenol-d4	40	36.16	90		10	150
			Fluorene-d10	40	42.15	105		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.62	97		10	130
			Anthracene-d10	40	41.59	104		25	130
			Pyrene-d10	40	41.90	105		15	130
			Benzo(a)pyrene-d12	40	43.15	108		20	130

Surrogate Summary

SW-846

SDG No.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4882-02	BG3G9	BP023202.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	12.93	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.47	61		25	120
			2-Chlorophenol-d4	40	25.65	64		20	130
			4-Methylphenol-d8	40	22.05	55		25	125
			Nitrobenzene-d5	40	24.38	61		20	125
			2-Nitrophenol-d4	40	24.19	60		20	130
			2,4-Dichlorophenol-d3	40	23.86	60		20	120
			4-Chloroaniline-d4	40	1.84	5		1	146
			Dimethylphthalate-d6	40	28.25	71		25	130
			Acenaphthylene-d8	40	25.50	64		10	130
			4-Nitrophenol-d4	40	14.39	36		10	150
			Fluorene-d10	40	28.57	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.38	56		10	130
			Anthracene-d10	40	31.40	79		25	130
			Pyrene-d10	40	32.94	82		15	130
			Benzo(a)pyrene-d12	40	29.92	75		20	130
P4882-13	BG3J0	BP023203.D	1,4-Dioxane-d8	8	4.49	56		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.39	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.85	72		25	120
			2-Chlorophenol-d4	40	28.04	70		20	130
			4-Methylphenol-d8	40	22.40	56		25	125
			Nitrobenzene-d5	40	28.57	71		20	125
			2-Nitrophenol-d4	40	30.55	76		20	130
			2,4-Dichlorophenol-d3	40	28.68	72		20	120
			4-Chloroaniline-d4	40	8.51	21		1	146
			Dimethylphthalate-d6	40	31.61	79		25	130
			Acenaphthylene-d8	40	30.94	77		10	130
			4-Nitrophenol-d4	40	11.59	29		10	150
			Fluorene-d10	40	32.64	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.85	65		10	130
			Anthracene-d10	40	35.93	90		25	130
			Pyrene-d10	40	37.64	94		15	130
			Benzo(a)pyrene-d12	40	36.32	91		20	130
P4882-14	BG3J1	BP023204.D	1,4-Dioxane-d8	8	5.38	67		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	12.07	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.45	74		25	120
			2-Chlorophenol-d4	40	29.19	73		20	130
			4-Methylphenol-d8	40	23.88	60		25	125
			Nitrobenzene-d5	40	29.60	74		20	125
			2-Nitrophenol-d4	40	29.11	73		20	130
			2,4-Dichlorophenol-d3	40	27.85	70		20	120
			4-Chloroaniline-d4	40	0.68	2		1	146
			Dimethylphthalate-d6	40	32.16	80		25	130
			Acenaphthylene-d8	40	27.82	70		10	130
			4-Nitrophenol-d4	40	11.83	30		10	150

Surrogate Summary

SW-846

SDG No.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4882-14	BG3J1	BP023204.D	Fluorene-d10	40	32.14	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.19	65		10	130
			Anthracene-d10	40	33.95	85		25	130
			Pyrene-d10	40	35.65	89		15	130
			Benzo(a)pyrene-d12	40	33.67	84		20	130
P4884-01	BG3M5	BP023205.D	1,4-Dioxane-d8	8	5.31	66		15	120
			Pyridine-d5	40	6.45	16	*	20	120
			Phenol-d5	40	12.62	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.75	84		25	120
			2-Chlorophenol-d4	40	30.05	75		20	130
			4-Methylphenol-d8	40	25.19	63		25	125
			Nitrobenzene-d5	40	33.79	84		20	125
			2-Nitrophenol-d4	40	33.79	84		20	130
			2,4-Dichlorophenol-d3	40	32.40	81		20	120
			4-Chloroaniline-d4	40	25.79	64		1	146
			Dimethylphthalate-d6	40	36.86	92		25	130
			Acenaphthylene-d8	40	36.70	92		10	130
			4-Nitrophenol-d4	40	8.81	22		10	150
			Fluorene-d10	40	38.38	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.15	75		10	130
			Anthracene-d10	40	42.10	105		25	130
			Pyrene-d10	40	42.55	106		15	130
			Benzo(a)pyrene-d12	40	42.62	107		20	130
			1,4-Dioxane-d8	8	5.08	63		15	120
			Pyridine-d5	40	0.00	0	*	20	120
P4884-11	BG3N5	BP023206.D	Phenol-d5	40	11.70	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.09	80		25	120
			2-Chlorophenol-d4	40	30.34	76		20	130
			4-Methylphenol-d8	40	23.19	58		25	125
			Nitrobenzene-d5	40	32.56	81		20	125
			2-Nitrophenol-d4	40	33.97	85		20	130
			2,4-Dichlorophenol-d3	40	29.43	74		20	120
			4-Chloroaniline-d4	40	0.61	2		1	146
			Dimethylphthalate-d6	40	34.65	87		25	130
			Acenaphthylene-d8	40	30.28	76		10	130
			4-Nitrophenol-d4	40	12.20	31		10	150
			Fluorene-d10	40	35.69	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.85	67		10	130
			Anthracene-d10	40	36.36	91		25	130
			Pyrene-d10	40	39.19	98		15	130
			Benzo(a)pyrene-d12	40	38.47	96		20	130
			1,4-Dioxane-d8	8	5.26	66		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.88	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.83	85		25	120
P4884-19	BG3P4	BP023207.D	2-Chlorophenol-d4	40	31.47	79		20	130
			4-Methylphenol-d8	40	25.71	64		25	125
			Nitrobenzene-d5	40	34.55	86		20	125
			2-Nitrophenol-d4	40	33.89	85		20	130

Surrogate Summary

SW-846

SDG No.: BP111824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4884-19	BG3P4	BP023207.D	2,4-Dichlorophenol-d3	40	33.54	84		20	120
			4-Chloroaniline-d4	40	0.23	1		1	146
			Dimethylphthalate-d6	40	38.82	97		25	130
			Acenaphthylene-d8	40	35.64	89		10	130
			4-Nitrophenol-d4	40	13.10	33		10	150
			Fluorene-d10	40	39.47	99		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.68	77		10	130
			Anthracene-d10	40	40.01	100		25	130
			Pyrene-d10	40	42.34	106		15	130
			Benzo(a)pyrene-d12	40	40.46	101		20	130
			Pyridine-d5	40	30.11	75		20	120
			1,4-Dioxane-d8	8	6.03	75		15	120
			Phenol-d5	40	30.78	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.08	83		25	120
PB165051BL	PB165051BL	BP023201.D	2-Chlorophenol-d4	40	31.56	79		20	130
			4-Methylphenol-d8	40	31.45	79		25	125
			Nitrobenzene-d5	40	33.07	83		20	125
			2-Nitrophenol-d4	40	33.12	83		20	130
			2,4-Dichlorophenol-d3	40	30.77	77		20	120
			4-Chloroaniline-d4	40	29.42	74		1	146
			Dimethylphthalate-d6	40	33.03	83		25	130
			Acenaphthylene-d8	40	33.48	84		10	130
			4-Nitrophenol-d4	40	26.50	66		10	150
			Fluorene-d10	40	33.96	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.83	65		10	130
			Anthracene-d10	40	35.74	89		25	130
			Pyrene-d10	40	36.34	91		15	130
			Benzo(a)pyrene-d12	40	36.23	91		20	130
			1,4-Dioxane-d8	8	6.77	85		15	120
			Pyridine-d5	40	31.65	79		20	120
			Phenol-d5	40	34.76	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.81	87		25	120
			2-Chlorophenol-d4	40	34.90	87		20	130
PB165051BS	PB165051BS	BP023208.D	4-Methylphenol-d8	40	33.71	84		25	125
			Nitrobenzene-d5	40	34.40	86		20	125
			2-Nitrophenol-d4	40	35.40	89		20	130
			2,4-Dichlorophenol-d3	40	35.37	88		20	120
			4-Chloroaniline-d4	40	29.51	74		1	146
			Dimethylphthalate-d6	40	34.72	87		25	130
			Acenaphthylene-d8	40	34.40	86		10	130
			4-Nitrophenol-d4	40	31.12	78		10	150
			Fluorene-d10	40	36.93	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.15	83		10	130
			Anthracene-d10	40	35.72	89		25	130
			Pyrene-d10	40	38.45	96		15	130
			Benzo(a)pyrene-d12	40	37.36	93		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP111824

Lab Code: CHEM

SAS No.: BP111824

SDG NO.: BP111824

Lab File ID: BP023190.D

DFTPP Injection Date: 11/18/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.2
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	35.1
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	91.5
443	15.0 - 24.0% of mass 442	17.3 (19) 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
SSTD020726	SSTDCCC020	BP023191.D	11/18/2024	10:28
SBLK978	PB164978BL	BP023192.D	11/18/2024	11:09
E29S0	P4829-14	BP023193.D	11/18/2024	11:49
E29S2	P4829-15	BP023194.D	11/18/2024	12:30
E29S6	P4829-16	BP023195.D	11/18/2024	13:11
E29S8	P4829-17	BP023196.D	11/18/2024	13:51
SLCS030	PB165030BS	BP023197.D	11/18/2024	14:32
A0AP6	P4803-04	BP023198.D	11/18/2024	15:20
E27P6	P4784-18	BP023199.D	11/18/2024	16:01
SSTD020727	SSTDCCC020	BP023200.D	11/18/2024	16:41
SBLK051	PB165051BL	BP023201.D	11/18/2024	17:22
BG3G9	P4882-02	BP023202.D	11/18/2024	18:02
BG3J0	P4882-13	BP023203.D	11/18/2024	18:43
BG3J1	P4882-14	BP023204.D	11/18/2024	19:24
BG3M5	P4884-01	BP023205.D	11/18/2024	20:04
BG3N5	P4884-11	BP023206.D	11/18/2024	20:45
BG3P4	P4884-19	BP023207.D	11/18/2024	21:25
SLCS051	PB165051BS	BP023208.D	11/18/2024	22:06

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP111824

Lab Code: CHEM

SAS No.: BP111824 SDG NO.: BP111824

Lab File ID: BP023190.D

DFTPP Injection Date: 11/18/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.2
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	35.1
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	91.5
443	15.0 - 24.0% of mass 442	17.3 (19) 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
SP6687	SP6687	BP023209.D	11/18/2024	22:47
SSTD020728	SSTDCCC020EC	BP023210.D	11/18/2024	23:28