

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM111124 SAS No.: BM111124 SDG No.: BM111124

Instrument ID: BNA_M Calibration Date/Time: 11/11/2024 : 10:10

Lab File ID: BM048578.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020052 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.551	0.545	0.010	-0.9977	40.0
Benzaldehyde	0.752	0.968	0.010	28.6758	40.0
Pyridine	1.419	1.412	0.010	-0.4797	40.0
Phenol	1.597	1.618	0.080	1.299	20.0
Bis(2-Chloroethyl)ether	1.255	1.271	0.100	1.2238	20.0
2-Chlorophenol	1.307	1.352	0.200	3.483	20.0
2-Methylphenol	1.182	1.206	0.010	2.0191	20.0
2,2-oxybis(1-Chloropropane)	1.846	1.875	0.010	1.5764	40.0
Acetophenone	1.866	1.985	0.060	6.3898	20.0
4-Methylphenol	1.295	1.335	0.010	3.1022	20.0
N-Nitroso-di-n-propylamine	0.877	0.933	0.050	6.3515	30.0
Hexachloroethane	0.552	0.563	0.100	2.007	20.0
Nitrobenzene	0.329	0.341	0.050	3.7597	25.0
Isophorone	0.608	0.621	0.050	2.0873	25.0
2-Nitrophenol	0.168	0.179	0.050	6.3015	25.0
2,4-Dimethylphenol	0.314	0.328	0.050	4.3474	25.0
Bis(2-Chloroethoxy)methane	0.379	0.392	0.050	3.3282	20.0
2,4-Dichlorophenol	0.291	0.305	0.060	4.921	20.0
Naphthalene	1.012	1.037	0.200	2.4126	20.0
4-Chloroaniline	0.384	0.390	0.010	1.5705	40.0
Hexachlorobutadiene	0.197	0.199	0.040	1.4627	30.0
Caprolactam	0.092	0.088	0.010	-3.7733	40.0
4-Chloro-3-methylphenol	0.281	0.296	0.040	5.1218	25.0
1-Methylnaphthalene	0.665	0.695	0.100	4.5012	20.0
2-Methylnaphthalene	0.648	0.680	0.100	4.935	20.0
Hexachlorocyclopentadiene	0.293	0.254	0.010	-13.2636	40.0
2,4,6-Trichlorophenol	0.362	0.381	0.090	5.2554	25.0
2,4,5-Trichlorophenol	0.386	0.400	0.100	3.8047	25.0
1,1-Biphenyl	1.368	1.429	0.200	4.5052	20.0
2-Chloronaphthalene	1.079	1.130	0.300	4.6804	20.0
2-Nitroaniline	0.271	0.289	0.050	6.622	40.0
Dimethylphthalate	1.282	1.319	0.300	2.848	20.0
2,6-Dinitrotoluene	0.244	0.259	0.080	5.7515	30.0
Acenaphthylene	1.659	1.742	0.400	4.964	20.0
3-Nitroaniline	0.265	0.269	0.010	1.4175	40.0
Acenaphthene	1.168	1.215	0.200	4.0088	20.0
2,4-Dinitrophenol	0.131	0.093	0.010	-29.157	40.0
4-Nitrophenol	0.171	0.155	0.010	-9.3143	40.0
Dibenzofuran	1.611	1.679	0.300	4.1703	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM111124 SAS No.: BM111124 SDG No.: BM111124

Instrument ID: BNA_M Calibration Date/Time: 11/11/2024 : 10:10

Lab File ID: BM048578.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020052 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.355	0.389	0.070	9.4847	30.0
Diethylphthalate	1.264	1.320	0.300	4.4559	20.0
Fluorene	1.276	1.353	0.200	6.0931	20.0
4-Chlorophenyl-phenylether	0.629	0.659	0.100	4.8897	20.0
4-Nitroaniline	0.261	0.275	0.010	5.22	40.0
4,6-Dinitro-2-methylphenol	0.109	0.101	0.010	-8.1119	40.0
N-Nitrosodiphenylamine	0.527	0.547	0.050	3.7123	20.0
1,2,4,5-Tetrachlorobenzene	0.573	0.591	0.100	3.1681	20.0
4-Bromophenyl-phenylether	0.189	0.195	0.070	3.1504	20.0
Hexachlorobenzene	0.228	0.234	0.050	2.8165	25.0
Atrazine	0.192	0.197	0.010	2.5277	25.0
Pentachlorophenol	0.145	0.144	0.010	-0.4757	40.0
Phenanthrene	0.992	1.034	0.200	4.2454	20.0
Pentachlorobenzene	0.278	0.284	0.050	2.032	20.0
Anthracene	0.995	1.053	0.200	5.7528	20.0
1,2,3,4-Tetrachlorobenzene	0.285	0.286	0.050	0.125	20.0
Carbazole	0.897	0.960	0.050	7.02	40.0
Di-n-butylphthalate	1.054	1.088	0.500	3.1859	25.0
Fluoranthene	1.165	1.241	0.400	6.5702	25.0
Pyrene	1.263	1.353	0.400	7.1458	25.0
Butylbenzylphthalate	0.485	0.515	0.100	6.1018	40.0
3,3-Dichlorobenzidine	0.363	0.412	0.010	13.3367	40.0
Benzo (a) anthracene	1.261	1.323	0.300	4.9383	30.0
Chrysene	1.212	1.277	0.200	5.3847	30.0
Bis(2-ethylhexyl)phthalate	0.708	0.749	0.200	5.8474	40.0
Di-n-octyl phthalate	1.127	1.126	0.010	-0.1516	40.0
Benzo (b) fluoranthene	1.101	1.167	0.200	6.0287	25.0
Benzo (k) fluoranthene	1.098	1.151	0.200	4.8687	25.0
Benzo (a) pyrene	1.035	1.091	0.200	5.3961	20.0
Indeno (1,2,3-cd) pyrene	1.345	1.379	0.200	2.5211	25.0
Dibenzo (a,h) anthracene	1.099	1.122	0.200	2.1047	30.0
Benzo (g,h,i) perylene	1.055	1.080	0.200	2.3599	30.0
2,3,4,6-Tetrachlorophenol	0.321	0.339	0.040	5.7009	20.0
1,4-Dioxane-d8	0.502	0.498	0.010	-0.7929	25.0
Pyridine-d5	1.383	1.376	0.010	-0.4816	40.0
Phenol-d5	1.522	1.545	0.010	1.5021	25.0
Bis- (2-Chloroethyl) ether-d8	0.914	0.922	0.050	0.8453	25.0
2-Chlorophenol-d4	1.261	1.319	0.200	4.5559	20.0
4-Methylphenol-d8	1.197	1.215	0.010	1.4935	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM111124 SAS No.: BM111124 SDG No.: BM111124

Instrument ID: BNA_M Calibration Date/Time: 11/11/2024 : 10:10

Lab File ID: BM048578.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020052 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.145	0.152	0.050	4.808	20.0
2-Nitrophenol-d4	0.154	0.160	0.050	3.4819	30.0
2,4-Dichlorophenol-d3	0.286	0.301	0.060	5.089	20.0
4-Chloroaniline-d4	0.407	0.414	0.010	1.7618	40.0
Dimethylphthalate-d6	1.277	1.321	0.300	3.441	20.0
Acenaphthylene-d8	1.505	1.574	0.400	4.58	20.0
4-Nitrophenol-d4	0.237	0.215	0.010	-9.1625	40.0
Fluorene-d10	1.114	1.168	0.100	4.824	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.091	0.010	-9.5189	40.0
Anthracene-d10	0.846	0.890	0.300	5.1935	20.0
Pyrene-d10	1.004	1.077	0.300	7.3206	25.0
Benzo(a)pyrene-d12	0.934	0.971	0.010	3.8654	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.: BM111124 SAS No.: BM111124 SDG No.: BM111124

Instrument ID: BNA_M Calibration Date/Time: 11/11/2024 : 15:45

Lab File ID: BM048586.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020053 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.551	0.528	0.010	-4.0708	40.0
Benzaldehyde	0.752	0.967	0.010	28.4737	40.0
Pyridine	1.419	1.416	0.010	-0.2506	40.0
Phenol	1.597	1.611	0.080	0.8341	20.0
Bis(2-Chloroethyl)ether	1.255	1.257	0.100	0.1331	20.0
2-Chlorophenol	1.307	1.356	0.200	3.8075	20.0
2-Methylphenol	1.182	1.211	0.010	2.3942	20.0
2,2-oxybis(1-Chloropropane)	1.846	1.800	0.010	-2.4864	40.0
Acetophenone	1.866	1.933	0.060	3.5848	20.0
4-Methylphenol	1.295	1.333	0.010	2.9172	20.0
N-Nitroso-di-n-propylamine	0.877	0.920	0.050	4.8912	30.0
Hexachloroethane	0.552	0.561	0.100	1.6059	20.0
Nitrobenzene	0.329	0.336	0.050	2.3457	25.0
Isophorone	0.608	0.626	0.050	3.0191	25.0
2-Nitrophenol	0.168	0.183	0.050	8.8708	25.0
2,4-Dimethylphenol	0.314	0.326	0.050	4.0219	25.0
Bis(2-Chloroethoxy)methane	0.379	0.389	0.050	2.5788	20.0
2,4-Dichlorophenol	0.291	0.306	0.060	5.3047	20.0
Naphthalene	1.012	1.029	0.200	1.6469	20.0
4-Chloroaniline	0.384	0.393	0.010	2.3789	40.0
Hexachlorobutadiene	0.197	0.201	0.040	2.0659	30.0
Caprolactam	0.092	0.094	0.010	2.9212	40.0
4-Chloro-3-methylphenol	0.281	0.300	0.040	6.8064	25.0
1-Methylnaphthalene	0.665	0.691	0.100	3.8828	20.0
2-Methylnaphthalene	0.648	0.682	0.100	5.2532	20.0
Hexachlorocyclopentadiene	0.293	0.264	0.010	-9.7738	40.0
2,4,6-Trichlorophenol	0.362	0.382	0.090	5.5944	25.0
2,4,5-Trichlorophenol	0.386	0.422	0.100	9.4141	25.0
1,1-Biphenyl	1.368	1.406	0.200	2.8086	20.0
2-Chloronaphthalene	1.079	1.122	0.300	3.9866	20.0
2-Nitroaniline	0.271	0.286	0.050	5.528	40.0
Dimethylphthalate	1.282	1.320	0.300	2.9606	20.0
2,6-Dinitrotoluene	0.244	0.266	0.080	8.9558	30.0
Acenaphthylene	1.659	1.742	0.400	5.0138	20.0
3-Nitroaniline	0.265	0.280	0.010	5.5316	40.0
Acenaphthene	1.168	1.196	0.200	2.3871	20.0
2,4-Dinitrophenol	0.131	0.121	0.010	-7.9562	40.0
4-Nitrophenol	0.171	0.164	0.010	-4.2395	40.0
Dibenzofuran	1.611	1.676	0.300	4.0271	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM111124 SAS No.: BM111124 SDG No.: BM111124

Instrument ID: BNA_M Calibration Date/Time: 11/11/2024 : 15:45

Lab File ID: BM048586.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020053 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.355	0.395	0.070	11.0872	30.0
Diethylphthalate	1.264	1.318	0.300	4.3023	20.0
Fluorene	1.276	1.333	0.200	4.46	20.0
4-Chlorophenyl-phenylether	0.629	0.653	0.100	3.9658	20.0
4-Nitroaniline	0.261	0.277	0.010	6.0357	40.0
4,6-Dinitro-2-methylphenol	0.109	0.110	0.010	0.2	40.0
N-Nitrosodiphenylamine	0.527	0.545	0.050	3.4562	20.0
1,2,4,5-Tetrachlorobenzene	0.573	0.585	0.100	2.0761	20.0
4-Bromophenyl-phenylether	0.189	0.199	0.070	5.2876	20.0
Hexachlorobenzene	0.228	0.235	0.050	3.4383	25.0
Atrazine	0.192	0.199	0.010	3.7663	25.0
Pentachlorophenol	0.145	0.158	0.010	9.491	40.0
Phenanthrene	0.992	1.029	0.200	3.7497	20.0
Pentachlorobenzene	0.278	0.280	0.050	0.7206	20.0
Anthracene	0.995	1.042	0.200	4.6801	20.0
1,2,3,4-Tetrachlorobenzene	0.285	0.284	0.050	-0.2935	20.0
Carbazole	0.897	0.971	0.050	8.2559	40.0
Di-n-butylphthalate	1.054	1.121	0.500	6.3013	25.0
Fluoranthene	1.165	1.251	0.400	7.4067	25.0
Pyrene	1.263	1.350	0.400	6.8791	25.0
Butylbenzylphthalate	0.485	0.540	0.100	11.4113	40.0
3,3-Dichlorobenzidine	0.363	0.421	0.010	15.8467	40.0
Benzo (a) anthracene	1.261	1.333	0.300	5.7401	30.0
Chrysene	1.212	1.274	0.200	5.1806	30.0
Bis(2-ethylhexyl)phthalate	0.708	0.771	0.200	8.9424	40.0
Di-n-octyl phthalate	1.127	1.159	0.010	2.8	40.0
Benzo (b) fluoranthene	1.101	1.145	0.200	3.9829	25.0
Benzo (k) fluoranthene	1.098	1.179	0.200	7.371	25.0
Benzo (a) pyrene	1.035	1.086	0.200	4.9435	20.0
Indeno (1,2,3-cd) pyrene	1.345	1.384	0.200	2.8537	25.0
Dibenzo (a,h) anthracene	1.099	1.134	0.200	3.2217	30.0
Benzo (g,h,i) perylene	1.055	1.080	0.200	2.4156	30.0
2,3,4,6-Tetrachlorophenol	0.321	0.350	0.040	9.1598	20.0
1,4-Dioxane-d8	0.502	0.471	0.010	-6.148	25.0
Pyridine-d5	1.383	1.349	0.010	-2.4653	40.0
Phenol-d5	1.522	1.548	0.010	1.6663	25.0
Bis- (2-Chloroethyl) ether-d8	0.914	0.910	0.050	-0.5322	25.0
2-Chlorophenol-d4	1.261	1.326	0.200	5.1067	20.0
4-Methylphenol-d8	1.197	1.211	0.010	1.1643	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM111124 SAS No.: BM111124 SDG No.: BM111124

Instrument ID: BNA_M Calibration Date/Time: 11/11/2024 : 15:45

Lab File ID: BM048586.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020053 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.145	0.152	0.050	4.5828	20.0
2-Nitrophenol-d4	0.154	0.168	0.050	8.6717	30.0
2,4-Dichlorophenol-d3	0.286	0.305	0.060	6.3523	20.0
4-Chloroaniline-d4	0.407	0.419	0.010	2.9776	40.0
Dimethylphthalate-d6	1.277	1.313	0.300	2.8593	20.0
Acenaphthylene-d8	1.505	1.586	0.400	5.364	20.0
4-Nitrophenol-d4	0.237	0.238	0.010	0.2675	40.0
Fluorene-d10	1.114	1.168	0.100	4.7815	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.100	0.010	-0.6018	40.0
Anthracene-d10	0.846	0.900	0.300	6.3168	20.0
Pyrene-d10	1.004	1.081	0.300	7.6596	25.0
Benzo(a)pyrene-d12	0.934	0.981	0.010	4.938	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.: BM111124 SAS No.: BM111124 SDG No.: BM111124

Instrument ID: BNA_M Calibration Date/Time: 11/12/2024 : 02:55

Lab File ID: BM048602.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020054 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.551	0.540	0.010	-1.8839	40.0
Benzaldehyde	0.752	1.008	0.010	33.9356	40.0
Pyridine	1.419	1.462	0.010	2.9996	40.0
Phenol	1.597	1.684	0.080	5.3931	20.0
Bis(2-Chloroethyl)ether	1.255	1.314	0.100	4.7132	20.0
2-Chlorophenol	1.307	1.419	0.200	8.5838	20.0
2-Methylphenol	1.182	1.265	0.010	7.0186	20.0
2,2-oxybis(1-Chloropropane)	1.846	1.918	0.010	3.8907	40.0
Acetophenone	1.866	2.036	0.060	9.1189	20.0
4-Methylphenol	1.295	1.402	0.010	8.3163	20.0
N-Nitroso-di-n-propylamine	0.877	0.957	0.050	9.1127	30.0
Hexachloroethane	0.552	0.579	0.100	4.9411	20.0
Nitrobenzene	0.329	0.357	0.050	8.6193	25.0
Isophorone	0.608	0.650	0.050	6.9337	25.0
2-Nitrophenol	0.168	0.187	0.050	11.4591	25.0
2,4-Dimethylphenol	0.314	0.338	0.050	7.7206	25.0
Bis(2-Chloroethoxy)methane	0.379	0.412	0.050	8.4512	20.0
2,4-Dichlorophenol	0.291	0.320	0.060	10.0082	20.0
Naphthalene	1.012	1.080	0.200	6.6626	20.0
4-Chloroaniline	0.384	0.407	0.010	6.1731	40.0
Hexachlorobutadiene	0.197	0.208	0.040	5.9629	30.0
Caprolactam	0.092	0.097	0.010	6.1459	40.0
4-Chloro-3-methylphenol	0.281	0.311	0.040	10.5318	25.0
1-Methylnaphthalene	0.665	0.720	0.100	8.3385	20.0
2-Methylnaphthalene	0.648	0.715	0.100	10.3457	20.0
Hexachlorocyclopentadiene	0.293	0.284	0.010	-3.0236	40.0
2,4,6-Trichlorophenol	0.362	0.398	0.090	10.0762	25.0
2,4,5-Trichlorophenol	0.386	0.430	0.100	11.5124	25.0
1,1-Biphenyl	1.368	1.467	0.200	7.303	20.0
2-Chloronaphthalene	1.079	1.166	0.300	8.068	20.0
2-Nitroaniline	0.271	0.309	0.050	13.8423	40.0
Dimethylphthalate	1.282	1.390	0.300	8.357	20.0
2,6-Dinitrotoluene	0.244	0.274	0.080	12.2739	30.0
Acenaphthylene	1.659	1.801	0.400	8.5274	20.0
3-Nitroaniline	0.265	0.299	0.010	12.4626	40.0
Acenaphthene	1.168	1.252	0.200	7.2087	20.0
2,4-Dinitrophenol	0.131	0.113	0.010	-14.3103	40.0
4-Nitrophenol	0.171	0.179	0.010	4.5672	40.0
Dibenzofuran	1.611	1.758	0.300	9.082	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM111124 SAS No.: BM111124 SDG No.: BM111124

Instrument ID: BNA_M Calibration Date/Time: 11/12/2024 : 02:55

Lab File ID: BM048602.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020054 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.355	0.416	0.070	17.0647	30.0
Diethylphthalate	1.264	1.402	0.300	10.9882	20.0
Fluorene	1.276	1.395	0.200	9.3761	20.0
4-Chlorophenyl-phenylether	0.629	0.686	0.100	9.1577	20.0
4-Nitroaniline	0.261	0.309	0.010	18.0863	40.0
4,6-Dinitro-2-methylphenol	0.109	0.111	0.010	1.4294	40.0
N-Nitrosodiphenylamine	0.527	0.567	0.050	7.4816	20.0
1,2,4,5-Tetrachlorobenzene	0.573	0.613	0.100	6.893	20.0
4-Bromophenyl-phenylether	0.189	0.203	0.070	7.8255	20.0
Hexachlorobenzene	0.228	0.242	0.050	6.3519	25.0
Atrazine	0.192	0.206	0.010	7.5368	25.0
Pentachlorophenol	0.145	0.154	0.010	6.4537	40.0
Phenanthrene	0.992	1.071	0.200	7.9608	20.0
Pentachlorobenzene	0.278	0.287	0.050	3.1989	20.0
Anthracene	0.995	1.091	0.200	9.5471	20.0
1,2,3,4-Tetrachlorobenzene	0.285	0.292	0.050	2.4118	20.0
Carbazole	0.897	1.011	0.050	12.7693	40.0
Di-n-butylphthalate	1.054	1.159	0.500	9.9006	25.0
Fluoranthene	1.165	1.297	0.400	11.3343	25.0
Pyrene	1.263	1.411	0.400	11.7342	25.0
Butylbenzylphthalate	0.485	0.548	0.100	12.9581	40.0
3,3-Dichlorobenzidine	0.363	0.425	0.010	17.0481	40.0
Benzo (a) anthracene	1.261	1.387	0.300	10.0444	30.0
Chrysene	1.212	1.322	0.200	9.1304	30.0
Bis (2-ethylhexyl) phthalate	0.708	0.797	0.200	12.5755	40.0
Di-n-octyl phthalate	1.127	1.204	0.010	6.7762	40.0
Benzo (b) fluoranthene	1.101	1.202	0.200	9.2069	25.0
Benzo (k) fluoranthene	1.098	1.226	0.200	11.6653	25.0
Benzo (a) pyrene	1.035	1.142	0.200	10.2996	20.0
Indeno (1,2,3-cd) pyrene	1.345	1.439	0.200	6.9805	25.0
Dibenzo (a,h) anthracene	1.099	1.175	0.200	6.9208	30.0
Benzo (g,h,i) perylene	1.055	1.121	0.200	6.2594	30.0
2,3,4,6-Tetrachlorophenol	0.321	0.364	0.040	13.5488	20.0
1,4-Dioxane-d8	0.502	0.510	0.010	1.7044	25.0
Pyridine-d5	1.383	1.418	0.010	2.5899	40.0
Phenol-d5	1.522	1.609	0.010	5.6608	25.0
Bis- (2-Chloroethyl) ether-d8	0.914	0.964	0.050	5.4514	25.0
2-Chlorophenol-d4	1.261	1.378	0.200	9.2422	20.0
4-Methylphenol-d8	1.197	1.282	0.010	7.1111	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM111124 SAS No.: BM111124 SDG No.: BM111124

Instrument ID: BNA_M Calibration Date/Time: 11/12/2024 : 02:55

Lab File ID: BM048602.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020054 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.145	0.159	0.050	9.6737	20.0
2-Nitrophenol-d4	0.154	0.171	0.050	10.8862	30.0
2,4-Dichlorophenol-d3	0.286	0.312	0.060	8.7848	20.0
4-Chloroaniline-d4	0.407	0.437	0.010	7.3204	40.0
Dimethylphthalate-d6	1.277	1.394	0.300	9.2046	20.0
Acenaphthylene-d8	1.505	1.658	0.400	10.133	20.0
4-Nitrophenol-d4	0.237	0.251	0.010	5.876	40.0
Fluorene-d10	1.114	1.223	0.100	9.7282	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.101	0.010	-0.0126	40.0
Anthracene-d10	0.846	0.930	0.300	9.8891	20.0
Pyrene-d10	1.004	1.125	0.300	12.1144	25.0
Benzo(a)pyrene-d12	0.934	1.022	0.010	9.374	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SBLK746	SDG No.:	BM111124
Lab Sample ID:	PB164746BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048579.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SBLK746	SDG No.:	BM111124
Lab Sample ID:	PB164746BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048579.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SBLK746	SDG No.:	BM111124
Lab Sample ID:	PB164746BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048579.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.746		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	27.853		20-120		70	SPK: -40
4165-62-2	Phenol-d5	28.153		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.328		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.352		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.921		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	28.948		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.229		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.924		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.849		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.388		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.292		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.618		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	29.447		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SBLK746	SDG No.:	BM111124
Lab Sample ID:	PB164746BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048579.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.935		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	30.28		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	30.992		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.936		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136111	7.663				
1146-65-2	Naphthalene-d8	553138	10.445				
15067-26-2	Acenaphthene-d10	337002	14.31				
1517-22-2	Phenanthrene-d10	677038	17.057				
1719-03-5	Chrysene-d12	652442	21.28				
1520-96-3	Perylene-d12	773102	24.191				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP54	SDG No.:	BM111124
Lab Sample ID:	P4686-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048580.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	4000		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	2500		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3800	E	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	3300	E	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1300		36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1700		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2000		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		39	42.5	170	ug/Kg
91-20-3	Naphthalene	4400	E	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3700	E	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5300	E	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP54	SDG No.:	BM111124
Lab Sample ID:	P4686-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048580.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	2300		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	8900	E	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	5700	E	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	4000	E	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	6400	E	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	5000	E	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	6900	E	60	42.5	170	ug/Kg
86-73-7	Fluorene	1600		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5000	E	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	7600	E	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	6800	E	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	2100		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	2700	E	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	6200	E	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	6200	E	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP54	SDG No.:	BM111124
Lab Sample ID:	P4686-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048580.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3000	E	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	4100	E	39	42.5	170	ug/Kg
218-01-9	Chrysene	5300	E	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	8000	E	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	5500	E	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900	E	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.288		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	20.657		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.906		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.074		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.091		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.189		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.193		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.382		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.359		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.252		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	30.19		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.037		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	33.566		20-140		84	SPK: -40

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP54	SDG No.:	BM111124
Lab Sample ID:	P4686-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048580.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.323		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	34.189		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	38.928		10-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.421		10-140		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140767	7.657				
1146-65-2	Naphthalene-d8	569938	10.445				
15067-26-2	Acenaphthene-d10	345189	14.31				
1517-22-2	Phenanthrene-d10	707619	17.057				
1719-03-5	Chrysene-d12	634130	21.286				
1520-96-3	Perylene-d12	777033	24.192				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	1200	J			7.546	
000095-50-1	Benzene, 1,2-dichloro-	3200	J			8.01	
000119-61-9	Benzophenone	340	J			15.674	
000112-39-0	Hexadecanoic acid, methyl ester	96	J			17.733	
000057-10-3	n-Hexadecanoic acid	210	J			17.957	
002433-56-9	1-Phenanthrenol	76	J			18.333	
000084-65-1	9,10-Anthracenedione	290	J			18.48	
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	73	J			18.804	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP54DL	SDG No.:	BM111124
Lab Sample ID:	P4686-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048581.D	5	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	65	U	65	33	330	ug/Kg
100-52-7	Benzaldehyde	380	U	380	410	1700	ug/Kg
110-86-1	Pyridine	220	U	220	830	1700	ug/Kg
108-95-2	Phenol	4000	D	180	410	1700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	JD	170	410	1700	ug/Kg
95-57-8	2-Chlorophenol	2500	D	140	210	850	ug/Kg
95-48-7	2-Methylphenol	150	U	150	410	1700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	410	1700	ug/Kg
98-86-2	Acetophenone	190	U	190	410	1700	ug/Kg
106-44-5	4-Methylphenol	160	U	160	410	1700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3700	D	150	210	850	ug/Kg
67-72-1	Hexachloroethane	3400	D	120	210	850	ug/Kg
98-95-3	Nitrobenzene	1100	D	180	210	850	ug/Kg
78-59-1	Isophorone	170	U	170	210	850	ug/Kg
88-75-5	2-Nitrophenol	1500	D	160	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1900	D	190	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	1600	D	200	210	850	ug/Kg
91-20-3	Naphthalene	4700	D	170	210	850	ug/Kg
106-47-8	4-Chloroaniline	220	U	220	210	1700	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	210	850	ug/Kg
105-60-2	Caprolactam	600	U	600	410	1700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3600	D	140	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	210	U	210	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	190	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	400	U	400	410	1700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2300	D	220	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	5200	D	210	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP54DL	SDG No.:	BM111124
Lab Sample ID:	P4686-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048581.D	5	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	240	U	240	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	2300	D	230	210	850	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	210	850	ug/Kg
131-11-3	Dimethylphthalate	210	U	210	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	8500	D	110	210	850	ug/Kg
208-96-8	Acenaphthylene	6100	D	220	210	850	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	410	1700	ug/Kg
83-32-9	Acenaphthene	4300	D	210	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	600	U	600	410	1700	ug/Kg
100-02-7	4-Nitrophenol	4900	D	210	410	1700	ug/Kg
132-64-9	Dibenzofuran	230	U	230	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	4600	D	140	210	850	ug/Kg
84-66-2	Diethylphthalate	7400	D	300	210	850	ug/Kg
86-73-7	Fluorene	1800	D	230	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5500	D	240	210	850	ug/Kg
100-01-6	4-Nitroaniline	210	U	210	410	1700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	410	1700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	210	U	210	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	230	U	230	210	850	ug/Kg
118-74-1	Hexachlorobenzene	8700	D	250	210	850	ug/Kg
1912-24-9	Atrazine	200	U	200	410	1700	ug/Kg
87-86-5	Pentachlorophenol	7000	D	440	410	1700	ug/Kg
85-01-8	Phenanthrene	2200	D	220	210	850	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	850	ug/Kg
120-12-7	Anthracene	2800	D	220	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	170	U	170	210	850	ug/Kg
86-74-8	Carbazole	230	U	230	410	1700	ug/Kg
84-74-2	Di-n-butylphthalate	6700	D	210	210	850	ug/Kg
206-44-0	Fluoranthene	6500	D	220	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP54DL	SDG No.:	BM111124
Lab Sample ID:	P4686-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048581.D	5	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3000	D	220	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	410	1700	ug/Kg
56-55-3	Benzo(a)anthracene	4300	D	200	210	850	ug/Kg
218-01-9	Chrysene	5900	D	230	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	8400	D	220	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	410	1700	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	U	210	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	6200	D	230	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	210	U	210	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	190	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900	D	190	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	U	180	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	190	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.695		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	19.975		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.525		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.44		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	17.625		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	19.795		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.505		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.76		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.045		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.62		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	29.42		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.055		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	33.785		20-140		84	SPK: -40

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP54DL	SDG No.:	BM111124
Lab Sample ID:	P4686-05DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048581.D	5	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.355		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	34.79		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	36.54		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.94		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136567	7.657				
1146-65-2	Naphthalene-d8	558193	10.445				
15067-26-2	Acenaphthene-d10	337664	14.31				
1517-22-2	Phenanthrene-d10	688301	17.056				
1719-03-5	Chrysene-d12	681358	21.28				
1520-96-3	Perylene-d12	794113	24.191				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-88-3	Toluene	690	JD			3.857	
000106-46-7	Benzene, 1,4-dichloro-	1200	JD			7.545	
000095-50-1	Benzene, 1,2-dichloro-	3200	JD			8.01	
E966796	Total Alkanes	240	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R6	SDG No.:	BM111124
Lab Sample ID:	P4637-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048582.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7	71	ug/Kg
100-52-7	Benzaldehyde	79	U	79	87.3	350	ug/Kg
110-86-1	Pyridine	46	U	46	170	350	ug/Kg
108-95-2	Phenol	37	U	37	87.3	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	87.3	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45	180	ug/Kg
95-48-7	2-Methylphenol	32	U	32	87.3	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	87.3	350	ug/Kg
98-86-2	Acetophenone	40	U	40	87.3	350	ug/Kg
106-44-5	4-Methylphenol	34	U	34	87.3	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	31	U	31	45	180	ug/Kg
67-72-1	Hexachloroethane	24	U	24	45	180	ug/Kg
98-95-3	Nitrobenzene	38	U	38	45	180	ug/Kg
78-59-1	Isophorone	36	U	36	45	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	45	180	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	45	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	45	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45	180	ug/Kg
91-20-3	Naphthalene	36	U	36	45	180	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	45	350	ug/Kg
87-68-3	Hexachlorobutadiene	36	U	36	45	180	ug/Kg
105-60-2	Caprolactam	130	U	130	87.3	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30	U	30	45	180	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	45	180	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	45	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	84	U	84	87.3	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46	U	46	45	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	45	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R6	SDG No.:	BM111124
Lab Sample ID:	P4637-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048582.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	45	180	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	45	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	45	180	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	45	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45	180	ug/Kg
208-96-8	Acenaphthylene	46	U	46	45	180	ug/Kg
99-09-2	3-Nitroaniline	21	U	21	87.3	350	ug/Kg
83-32-9	Acenaphthene	43	U	43	45	180	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	87.3	350	ug/Kg
100-02-7	4-Nitrophenol	43	U	43	87.3	350	ug/Kg
132-64-9	Dibenzofuran	49	U	49	45	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	45	180	ug/Kg
84-66-2	Diethylphthalate	63	U	63	45	180	ug/Kg
86-73-7	Fluorene	48	U	48	45	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	50	U	50	45	180	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	87.3	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	87.3	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	45	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	45	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	45	180	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	45	180	ug/Kg
1912-24-9	Atrazine	41	U	41	87.3	350	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	87.3	350	ug/Kg
85-01-8	Phenanthrene	47	U	47	45	180	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	45	180	ug/Kg
120-12-7	Anthracene	46	U	46	45	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	35	U	35	45	180	ug/Kg
86-74-8	Carbazole	48	U	48	87.3	350	ug/Kg
84-74-2	Di-n-butylphthalate	44	U	44	45	180	ug/Kg
206-44-0	Fluoranthene	47	U	47	87.3	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R6	SDG No.:	BM111124
Lab Sample ID:	P4637-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048582.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	47	U	47	45	180	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	45	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	24	U	24	87.3	350	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	45	180	ug/Kg
218-01-9	Chrysene	48	U	48	45	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	45	180	ug/Kg
117-84-0	Di-n-octyl phthalate	36	U	36	87.3	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	45	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	45	180	ug/Kg
50-32-8	Benzo(a)pyrene	44	U	44	45	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	45	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	45	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	45	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.308		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	11.608		20-120		29	SPK: -40
4165-62-2	Phenol-d5	19.968		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.835		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.575		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	20.594		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	20.313		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.017		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.987		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.306		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.175		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.294		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.798		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	22.574		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	CC0R6	SDG No.:	BM111124
Lab Sample ID:	P4637-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048582.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.063		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	21.985		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.834		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.254		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149775	7.663				
1146-65-2	Naphthalene-d8	613850	10.445				
15067-26-2	Acenaphthene-d10	370441	14.31				
1517-22-2	Phenanthrene-d10	760267	17.057				
1719-03-5	Chrysene-d12	712060	21.286				
1520-96-3	Perylene-d12	838938	24.191				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	110	J			15.674	
000057-10-3	n-Hexadecanoic acid	180	J			17.956	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			20.974	
E966796	Total Alkanes	51	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52	SDG No.:	BM111124
Lab Sample ID:	P4686-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048583.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.9	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	98.2	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	46	J	42	98.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	98.2	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.6	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.2	390	ug/Kg
98-86-2	Acetophenone	45	U	45	98.2	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	50.6	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.6	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.6	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.6	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.6	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.6	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.6	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	98.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52	SDG No.:	BM111124
Lab Sample ID:	P4686-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048583.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.6	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.6	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.6	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.6	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.2	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.2	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.2	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.6	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.6	200	ug/Kg
86-73-7	Fluorene	54	U	54	50.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.6	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.6	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.6	200	ug/Kg
1912-24-9	Atrazine	46	U	46	98.2	390	ug/Kg
87-86-5	Pentachlorophenol	7100	E	100	98.2	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.6	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.6	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.6	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.6	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	98.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52	SDG No.:	BM111124
Lab Sample ID:	P4686-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048583.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	98.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.6	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	98.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80	J	44	50.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.802		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	16.988		20-120		42	SPK: -40
4165-62-2	Phenol-d5	22.92		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.779		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.495		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.204		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	23.614		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.597		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.233		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.393		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.651		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.501		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.667		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	27.505		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52	SDG No.:	BM111124
Lab Sample ID:	P4686-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048583.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.198		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	26.989		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	29.414		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.611		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134637	7.657				
1146-65-2	Naphthalene-d8	556638	10.445				
15067-26-2	Acenaphthene-d10	352136	14.31				
1517-22-2	Phenanthrene-d10	727968	17.057				
1719-03-5	Chrysene-d12	692356	21.28				
1520-96-3	Perylene-d12	782869	24.192				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain11.881	90	J			11.881	
	(DEL) Alkane: Straight-Chain12.839	98	J			12.839	
	(DEL) Alkane: Straight-Chain13.134	290	J			13.134	
	(DEL) Alkane: Straight-Chain13.792	210	J			13.792	
1000309-18-4	Sulfurous acid, butyl heptadecyl e	98	J			13.833	
	(DEL) Alkane: Straight-Chain15.169	610	J			15.169	
000119-61-9	Benzophenone	320	J			15.669	
	(DEL) Alkane: Straight-Chain15.722	120	J			15.722	
	(DEL) Alkane: Straight-Chain16.027	780	J			16.027	
	(DEL) Alkane: Straight-Chain16.369	92	J			16.369	
	(DEL) Alkane: Straight-Chain16.433	86	J			16.433	
	(DEL) Alkane: Straight-Chain16.539	83	J			16.539	
	(DEL) Alkane: Straight-Chain16.822	670	J			16.822	
	(DEL) Alkane: Straight-Chain16.874	250	J			16.874	
	(DEL) Alkane: Straight-Chain17.474	81	J			17.474	
	(DEL) Alkane: Straight-Chain17.557	680	J			17.557	
000057-10-3	n-Hexadecanoic acid	450	J			17.957	

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52	SDG No.:	BM111124
Lab Sample ID:	P4686-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048583.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain18.251	560	J			18.251	
	(DEL) Alkane: Straight-Chain18.886	360	J			18.886	
	(DEL) Alkane: Straight-Chain20.974	140	J			20.974	
E966796	Total Alkanes	5200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52MS	SDG No.:	BM111124
Lab Sample ID:	P4686-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048584.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	600		15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	220	J	89	98	390	ug/Kg
110-86-1	Pyridine	1600		51	200	390	ug/Kg
108-95-2	Phenol	1800		42	98	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1700		40	98	390	ug/Kg
95-57-8	2-Chlorophenol	1700		33	50.5	200	ug/Kg
95-48-7	2-Methylphenol	1800		36	98	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		32	98	390	ug/Kg
98-86-2	Acetophenone	1700		45	98	390	ug/Kg
106-44-5	4-Methylphenol	1800		38	98	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700		34	50.5	200	ug/Kg
67-72-1	Hexachloroethane	1700		27	50.5	200	ug/Kg
98-95-3	Nitrobenzene	1700		43	50.5	200	ug/Kg
78-59-1	Isophorone	1700		40	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	1800		38	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		33	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1800		45	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		46	50.5	200	ug/Kg
91-20-3	Naphthalene	1700		40	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	1100		51	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	1700		40	50.5	200	ug/Kg
105-60-2	Caprolactam	1800		140	98	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		33	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	1700		49	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	1800		44	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		94	98	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		51	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		50	50.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52MS	SDG No.:	BM111124
Lab Sample ID:	P4686-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048584.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700		57	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	1700		53	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	1900		26	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	1700		50	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		25	50.5	200	ug/Kg
208-96-8	Acenaphthylene	1700		51	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	1800		24	98	390	ug/Kg
83-32-9	Acenaphthene	1700		49	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		140	98	390	ug/Kg
100-02-7	4-Nitrophenol	1800		49	98	390	ug/Kg
132-64-9	Dibenzofuran	1700		55	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		32	50.5	200	ug/Kg
84-66-2	Diethylphthalate	1800		71	50.5	200	ug/Kg
86-73-7	Fluorene	1700		53	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		56	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	2000		50	98	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		19	98	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1700		50	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		61	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		53	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	1700		59	50.5	200	ug/Kg
1912-24-9	Atrazine	1700		46	98	390	ug/Kg
87-86-5	Pentachlorophenol	10000	E	100	98	390	ug/Kg
85-01-8	Phenanthrene	1700		52	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	1600		61	50.5	200	ug/Kg
120-12-7	Anthracene	1700		51	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700		39	50.5	200	ug/Kg
86-74-8	Carbazole	1800		53	98	390	ug/Kg
84-74-2	Di-n-butylphthalate	1900		50	50.5	200	ug/Kg
206-44-0	Fluoranthene	1900		52	98	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52MS	SDG No.:	BM111124
Lab Sample ID:	P4686-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048584.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800		52	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	2100		38	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		27	98	390	ug/Kg
56-55-3	Benzo(a)anthracene	1800		46	50.5	200	ug/Kg
218-01-9	Chrysene	1700		53	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		52	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		40	98	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		50	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		53	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	1800		50	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		44	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		44	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		42	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		44	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.688		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	21.587		20-120		54	SPK: -40
4165-62-2	Phenol-d5	29.513		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.302		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.566		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	29.47		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	30.869		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.268		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.344		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.1		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.812		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	32.639		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.054		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	32.752		20-140		82	SPK: -40

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52MS	SDG No.:	BM111124
Lab Sample ID:	P4686-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048584.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.455		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	32.472		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	35.761		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.157		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133108	7.657				
1146-65-2	Naphthalene-d8	547730	10.445				
15067-26-2	Acenaphthene-d10	341231	14.31				
1517-22-2	Phenanthrene-d10	687157	17.056				
1719-03-5	Chrysene-d12	627721	21.28				
1520-96-3	Perylene-d12	719018	24.191				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52MSD	SDG No.:	BM111124
Lab Sample ID:	P4686-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048585.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	590		15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	220	J	89	98	390	ug/Kg
110-86-1	Pyridine	1500		51	200	390	ug/Kg
108-95-2	Phenol	1800		42	98	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1700		40	98	390	ug/Kg
95-57-8	2-Chlorophenol	1700		33	50.5	200	ug/Kg
95-48-7	2-Methylphenol	1700		36	98	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		32	98	390	ug/Kg
98-86-2	Acetophenone	1700		45	98	390	ug/Kg
106-44-5	4-Methylphenol	1700		38	98	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700		34	50.5	200	ug/Kg
67-72-1	Hexachloroethane	1700		27	50.5	200	ug/Kg
98-95-3	Nitrobenzene	1700		43	50.5	200	ug/Kg
78-59-1	Isophorone	1700		40	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	1800		38	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		33	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1700		45	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		46	50.5	200	ug/Kg
91-20-3	Naphthalene	1700		40	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	1100		51	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	1700		40	50.5	200	ug/Kg
105-60-2	Caprolactam	1900		140	98	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		33	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	1700		49	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	1800		44	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		94	98	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		51	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		50	50.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52MSD	SDG No.:	BM111124
Lab Sample ID:	P4686-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048585.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700		57	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	1700		53	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	1900		26	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	1700		50	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		25	50.5	200	ug/Kg
208-96-8	Acenaphthylene	1700		51	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	1800		24	98	390	ug/Kg
83-32-9	Acenaphthene	1700		49	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		140	98	390	ug/Kg
100-02-7	4-Nitrophenol	1700		49	98	390	ug/Kg
132-64-9	Dibenzofuran	1700		55	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		32	50.5	200	ug/Kg
84-66-2	Diethylphthalate	1800		71	50.5	200	ug/Kg
86-73-7	Fluorene	1700		53	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		56	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	1900		50	98	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		19	98	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1800		50	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		61	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		53	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	1700		59	50.5	200	ug/Kg
1912-24-9	Atrazine	1700		46	98	390	ug/Kg
87-86-5	Pentachlorophenol	10000	E	100	98	390	ug/Kg
85-01-8	Phenanthrene	1700		52	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	1700		61	50.5	200	ug/Kg
120-12-7	Anthracene	1700		51	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700		39	50.5	200	ug/Kg
86-74-8	Carbazole	1800		53	98	390	ug/Kg
84-74-2	Di-n-butylphthalate	1900		50	50.5	200	ug/Kg
206-44-0	Fluoranthene	1900		52	98	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52MSD	SDG No.:	BM111124
Lab Sample ID:	P4686-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048585.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800		52	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	2100		38	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		27	98	390	ug/Kg
56-55-3	Benzo(a)anthracene	1800		46	50.5	200	ug/Kg
218-01-9	Chrysene	1700		53	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		52	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		40	98	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		50	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		53	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	1800		50	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		44	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		44	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		42	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		44	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.56		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	21.449		20-120		54	SPK: -40
4165-62-2	Phenol-d5	29.387		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.568		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.89		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	29.386		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	30.572		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.649		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.71		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.114		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.515		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.535		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.671		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	32.549		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52MSD	SDG No.:	BM111124
Lab Sample ID:	P4686-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048585.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.352		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	32.76		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	35.947		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.167		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127520	7.657				
1146-65-2	Naphthalene-d8	530741	10.445				
15067-26-2	Acenaphthene-d10	333447	14.31				
1517-22-2	Phenanthrene-d10	661761	17.057				
1719-03-5	Chrysene-d12	609076	21.28				
1520-96-3	Perylene-d12	696541	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK682	SDG No.:	BM111124
Lab Sample ID:	PB164682BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048587.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK682	SDG No.:	BM111124
Lab Sample ID:	PB164682BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048587.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK682	SDG No.:	BM111124
Lab Sample ID:	PB164682BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048587.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.56		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	26.803		20-120		67	SPK: -40
4165-62-2	Phenol-d5	28.311		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.552		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.499		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.676		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	29.541		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.592		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.557		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.831		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.247		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	30.523		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.961		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	30.695		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK682	SDG No.:	BM111124
Lab Sample ID:	PB164682BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048587.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.463		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	30.641		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	31.658		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.089		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136980	7.657				
1146-65-2	Naphthalene-d8	543230	10.445				
15067-26-2	Acenaphthene-d10	321301	14.31				
1517-22-2	Phenanthrene-d10	662191	17.056				
1719-03-5	Chrysene-d12	644685	21.28				
1520-96-3	Perylene-d12	770811	24.191				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK728	SDG No.:	BM111124
Lab Sample ID:	PB164728BL	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
BM048588.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK728	SDG No.:	BM111124
Lab Sample ID:	PB164728BL	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
BM048588.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK728	SDG No.:	BM111124
Lab Sample ID:	PB164728BL	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
BM048588.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.614		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	25.967		20-120		65	SPK: -40
4165-62-2	Phenol-d5	26.73		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.672		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.18		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.15		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	27.6		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.861		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.258		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.15		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.155		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.975		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.413		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	29.403		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK728	SDG No.:	BM111124
Lab Sample ID:	PB164728BL	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
BM048588.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.209		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	30.003		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	30.974		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.497		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153267	7.657				
1146-65-2	Naphthalene-d8	619182	10.446				
15067-26-2	Acenaphthene-d10	377143	14.31				
1517-22-2	Phenanthrene-d10	788498	17.051				
1719-03-5	Chrysene-d12	774928	21.28				
1520-96-3	Perylene-d12	921951	24.192				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52DL	SDG No.:	BM111124
Lab Sample ID:	P4686-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048589.D	5	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	77	U	77	39.3	400	ug/Kg
110-86-1	Pyridine	260	U	260	980	2000	ug/Kg
100-52-7	Benzaldehyde	450	U	450	490	2000	ug/Kg
108-95-2	Phenol	210	U	210	490	2000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	200	U	200	490	2000	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	250	1000	ug/Kg
95-48-7	2-Methylphenol	180	U	180	490	2000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	490	2000	ug/Kg
98-86-2	Acetophenone	230	U	230	490	2000	ug/Kg
106-44-5	4-Methylphenol	190	U	190	490	2000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	250	1000	ug/Kg
67-72-1	Hexachloroethane	140	U	140	250	1000	ug/Kg
98-95-3	Nitrobenzene	210	U	210	250	1000	ug/Kg
78-59-1	Isophorone	200	U	200	250	1000	ug/Kg
88-75-5	2-Nitrophenol	190	U	190	250	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	170	250	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	230	U	230	250	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	250	1000	ug/Kg
91-20-3	Naphthalene	200	U	200	250	1000	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	250	2000	ug/Kg
87-68-3	Hexachlorobutadiene	200	U	200	250	1000	ug/Kg
105-60-2	Caprolactam	710	U	710	490	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	250	1000	ug/Kg
90-12-0	1-Methylnaphthalene	240	U	240	250	1000	ug/Kg
91-57-6	2-Methylnaphthalene	220	U	220	250	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	490	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260	U	260	250	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	250	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52DL	SDG No.:	BM111124
Lab Sample ID:	P4686-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048589.D	5	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	290	U	290	250	1000	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	250	1000	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	250	1000	ug/Kg
131-11-3	Dimethylphthalate	250	U	250	250	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	250	1000	ug/Kg
208-96-8	Acenaphthylene	260	U	260	250	1000	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	490	2000	ug/Kg
83-32-9	Acenaphthene	240	U	240	250	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	710	U	710	490	2000	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	490	2000	ug/Kg
132-64-9	Dibenzofuran	270	U	270	250	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	160	250	1000	ug/Kg
84-66-2	Diethylphthalate	360	U	360	250	1000	ug/Kg
86-73-7	Fluorene	270	U	270	250	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	250	1000	ug/Kg
100-01-6	4-Nitroaniline	250	U	250	490	2000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	490	2000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	250	U	250	250	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	250	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	250	1000	ug/Kg
118-74-1	Hexachlorobenzene	300	U	300	250	1000	ug/Kg
1912-24-9	Atrazine	230	U	230	490	2000	ug/Kg
87-86-5	Pentachlorophenol	6600	D	520	490	2000	ug/Kg
85-01-8	Phenanthrene	260	U	260	250	1000	ug/Kg
608-93-5	Pentachlorobenzene	300	U	300	250	1000	ug/Kg
120-12-7	Anthracene	260	U	260	250	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	200	U	200	250	1000	ug/Kg
86-74-8	Carbazole	270	U	270	490	2000	ug/Kg
84-74-2	Di-n-butylphthalate	250	U	250	250	1000	ug/Kg
206-44-0	Fluoranthene	260	U	260	490	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52DL	SDG No.:	BM111124
Lab Sample ID:	P4686-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048589.D	5	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260	U	260	250	1000	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	250	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	490	2000	ug/Kg
56-55-3	Benzo(a)anthracene	230	U	230	250	1000	ug/Kg
218-01-9	Chrysene	270	U	270	250	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	U	260	250	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	490	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	U	250	250	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	250	1000	ug/Kg
50-32-8	Benzo(a)pyrene	250	U	250	250	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	U	220	250	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	220	U	220	250	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	U	210	250	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	220	250	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.77		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	15.675		20-120		39	SPK: -40
4165-62-2	Phenol-d5	18.25		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.97		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.555		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	17.755		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	17.575		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.475		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.74		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.495		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.07		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	23.665		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	25.545		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	GCP52DL	SDG No.:	BM111124
Lab Sample ID:	P4686-01DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048589.D	5	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	24.315		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	27.865		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.59		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135313	7.657				
1146-65-2	Naphthalene-d8	544815	10.446				
15067-26-2	Acenaphthene-d10	336728	14.31				
1517-22-2	Phenanthrene-d10	718668	17.051				
1719-03-5	Chrysene-d12	687140	21.28				
1520-96-3	Perylene-d12	796254	24.192				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain14.216	810	JD			14.216	
	(DEL) Alkane: Straight-Chain15.163	660	JD			15.163	
	(DEL) Alkane: Straight-Chain15.569	450	JD			15.569	
	(DEL) Alkane: Straight-Chain16.028	780	JD			16.028	
	(DEL) Alkane: Straight-Chain16.822	730	JD			16.822	
	(DEL) Alkane: Straight-Chain17.557	660	JD			17.557	
	(DEL) Alkane: Straight-Chain18.251	560	JD			18.251	
E966796	Total Alkanes	4700	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED9	SDG No.:	BM111124
Lab Sample ID:	P4585-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048590.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	93	U	93	100	410	ug/Kg
110-86-1	Pyridine	53	U	53	210	410	ug/Kg
108-95-2	Phenol	43	U	43	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.8	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	170	J	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.8	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	52.8	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	52.8	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.8	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	52.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	52.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.8	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52.8	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.8	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.8	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	52.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	52.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98	U	98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED9	SDG No.:	BM111124
Lab Sample ID:	P4585-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048590.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	52.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	52.8	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.8	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.8	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.8	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	52.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	52.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	52.8	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	52.8	210	ug/Kg
86-73-7	Fluorene	56	U	56	52.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.8	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	52.8	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.8	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	55	U	55	52.8	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.8	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.8	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.8	210	ug/Kg
206-44-0	Fluoranthene	88	J	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED9	SDG No.:	BM111124
Lab Sample ID:	P4585-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048590.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	52.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	52.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.8	210	ug/Kg
218-01-9	Chrysene	56	U	56	52.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250		55	52.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	J	52	52.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	52.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	52.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	52.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	52.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.884	*	15-120		11	SPK: -8
7291-22-7	Pyridine-d5	1.716	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	7.102		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.418		10-150		19	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.658		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	6.091		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	6.79		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.824		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.112		10-140		18	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.42		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.83		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	8.167		15-120		20	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.009		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	8.868		20-140		22	SPK: -40

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	A4ED9	SDG No.:	BM111124
Lab Sample ID:	P4585-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048590.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.396	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	8.324		10-150		21	SPK: -40
1718-52-1	Pyrene-d10	8.096		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.713		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129989	7.657				
1146-65-2	Naphthalene-d8	526247	10.445				
15067-26-2	Acenaphthene-d10	325600	14.31				
1517-22-2	Phenanthrene-d10	681807	17.057				
1719-03-5	Chrysene-d12	688904	21.28				
1520-96-3	Perylene-d12	812531	24.191				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP53	SDG No.:	BM111124
Lab Sample ID:	P4686-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048591.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	7.9	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	98.8	400	ug/Kg
110-86-1	Pyridine	51	U	51	200	400	ug/Kg
108-95-2	Phenol	47	J	42	98.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	98.8	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	50.9	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.8	400	ug/Kg
98-86-2	Acetophenone	46	U	46	98.8	400	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	50.9	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	50.9	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.9	200	ug/Kg
78-59-1	Isophorone	41	U	41	50.9	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	50.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	50.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	50.9	200	ug/Kg
91-20-3	Naphthalene	41	U	41	50.9	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.9	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.9	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	50.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	98.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP53	SDG No.:	BM111124
Lab Sample ID:	P4686-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048591.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.9	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.9	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.9	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.9	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.8	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.8	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.8	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.9	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	50.9	200	ug/Kg
86-73-7	Fluorene	54	U	54	50.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.9	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.9	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.9	200	ug/Kg
1912-24-9	Atrazine	47	U	47	98.8	400	ug/Kg
87-86-5	Pentachlorophenol	660		100	98.8	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	50.9	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.9	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	50.9	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.9	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	98.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP53	SDG No.:	BM111124
Lab Sample ID:	P4686-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048591.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	50.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	98.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	50.9	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	50.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	98.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.221		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	12.541		20-120		31	SPK: -40
4165-62-2	Phenol-d5	22.145		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.311		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.068		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.671		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	22.859		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.987		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.852		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.717		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.981		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.919		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.912		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	25.651		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	GCP53	SDG No.:	BM111124
Lab Sample ID:	P4686-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048591.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.987		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	25.256		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.384		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.073		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124140	7.658				
1146-65-2	Naphthalene-d8	496781	10.446				
15067-26-2	Acenaphthene-d10	300998	14.31				
1517-22-2	Phenanthrene-d10	641180	17.051				
1719-03-5	Chrysene-d12	643000	21.28				
1520-96-3	Perylene-d12	765132	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.669	
	(DEL) Alkane: Straight-Chain	16.028	J			16.028	
000057-10-3	n-Hexadecanoic acid	370	J			17.957	
	(DEL) Alkane: Straight-Chain	18.833	J			18.833	
E966796	Total Alkanes	210				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SLCS746	SDG No.:	BM111124
Lab Sample ID:	PB164746BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048592.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	370		13	6.6	67	ug/Kg
110-86-1	Pyridine	990		43	170	330	ug/Kg
100-52-7	Benzaldehyde	130	J	75	82.5	330	ug/Kg
108-95-2	Phenol	1100		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	990		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1000		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980		27	82.5	330	ug/Kg
98-86-2	Acetophenone	1000		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1000		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	990		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		36	42.5	170	ug/Kg
78-59-1	Isophorone	1000		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1100		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	970		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		39	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	620		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		34	42.5	170	ug/Kg
105-60-2	Caprolactam	1000		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	990		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	790		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SLCS746	SDG No.:	BM111124
Lab Sample ID:	PB164746BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048592.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	930		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1100		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1000		60	42.5	170	ug/Kg
86-73-7	Fluorene	1000		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1200		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	960		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		50	42.5	170	ug/Kg
1912-24-9	Atrazine	960		39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1100		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	950		51	42.5	170	ug/Kg
120-12-7	Anthracene	1000		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	950		33	42.5	170	ug/Kg
86-74-8	Carbazole	1100		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SLCS746	SDG No.:	BM111124
Lab Sample ID:	PB164746BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048592.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		39	42.5	170	ug/Kg
218-01-9	Chrysene	1000		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.881		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	29.726		20-120		74	SPK: -40
4165-62-2	Phenol-d5	31.731		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.889		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.688		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	31.813		10-140		80	SPK: -40
4165-60-0	Nitrobenzene-d5	31.404		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.811		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.378		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.58		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.235		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.653		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.362		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	31.597		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	SLCS746	SDG No.:	BM111124
Lab Sample ID:	PB164746BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048592.D	1	11/7/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164746

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.571		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	31.725		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	32.025		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.276		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128278	7.657				
1146-65-2	Naphthalene-d8	525701	10.445				
15067-26-2	Acenaphthene-d10	323581	14.31				
1517-22-2	Phenanthrene-d10	676840	17.056				
1719-03-5	Chrysene-d12	674008	21.28				
1520-96-3	Perylene-d12	766194	24.191				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AH0	SDG No.:	BM111124
Lab Sample ID:	P4714-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048593.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AH0	SDG No.:	BM111124
Lab Sample ID:	P4714-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048593.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AH0	SDG No.:	BM111124
Lab Sample ID:	P4714-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048593.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.591		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	8.432		20-120		21	SPK: -40
4165-62-2	Phenol-d5	6.889		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.374		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.88		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	16.772		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	26.125		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.52		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.691		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.815		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.878		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	27.336		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.996		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	30.279		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AH0	SDG No.:	BM111124
Lab Sample ID:	P4714-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048593.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.36		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	32.741		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	34.629		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.408		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149266	7.657				
1146-65-2	Naphthalene-d8	612356	10.445				
15067-26-2	Acenaphthene-d10	373593	14.31				
1517-22-2	Phenanthrene-d10	793676	17.051				
1719-03-5	Chrysene-d12	775164	21.28				
1520-96-3	Perylene-d12	916123	24.191				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	3.5	J			15.674	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH3	SDG No.:	BM111124
Lab Sample ID:	P4714-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048594.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH3	SDG No.:	BM111124
Lab Sample ID:	P4714-12	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
BM048594.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH3	SDG No.:	BM111124
Lab Sample ID:	P4714-12	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
BM048594.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.062		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	9.556		20-120		24	SPK: -40
4165-62-2	Phenol-d5	7.959		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.332		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.25		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	18.828		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	29.634		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.274		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.589		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.35		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.992		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	31.134		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.85		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	35.089		25-125		88	SPK: -40

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH3	SDG No.:	BM111124
Lab Sample ID:	P4714-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048594.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.602		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	38.25		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	40.322		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.068		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151869	7.657				
1146-65-2	Naphthalene-d8	611475	10.445				
15067-26-2	Acenaphthene-d10	372135	14.31				
1517-22-2	Phenanthrene-d10	784626	17.051				
1719-03-5	Chrysene-d12	760857	21.28				
1520-96-3	Perylene-d12	891932	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH5	SDG No.:	BM111124
Lab Sample ID:	P4714-13	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
BM048595.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH5	SDG No.:	BM111124
Lab Sample ID:	P4714-13	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
BM048595.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH5	SDG No.:	BM111124
Lab Sample ID:	P4714-13	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
BM048595.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.828		15-120		48	SPK: -8
4165-62-2	Phenol-d5	5.833		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.231		25-120		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.277		20-130		43	SPK: -40
190780-66-6	4-Methylphenol-d8	12.984		25-125		32	SPK: -40
4165-60-0	Nitrobenzene-d5	17.276		20-125		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.468		20-130		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.953		20-120		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.338		1-146		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.129		25-130		50	SPK: -40
93951-97-4	Acenaphthylene-d8	18.26		10-130		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.875		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	19.973		25-125		50	SPK: -40

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH5	SDG No.:	BM111124
Lab Sample ID:	P4714-13	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
BM048595.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.782		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	21.111		25-130		53	SPK: -40
1718-52-1	Pyrene-d10	23.535		15-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.542		20-130		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154445	7.657				
1146-65-2	Naphthalene-d8	621268	10.445				
15067-26-2	Acenaphthene-d10	380512	14.31				
1517-22-2	Phenanthrene-d10	794720	17.051				
1719-03-5	Chrysene-d12	778282	21.28				
1520-96-3	Perylene-d12	904817	24.191				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	14	J			15.668	
000057-10-3	n-Hexadecanoic acid	7.7	J			17.956	
	(DEL) Alkane: Straight-Chain	20.974	J			20.974	
000111-02-4	Squalene	2.2	J			22.803	
E966796	Total Alkanes	4.8				99	ug/L

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH7	SDG No.:	BM111124
Lab Sample ID:	P4714-14	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
BM048596.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH7	SDG No.:	BM111124
Lab Sample ID:	P4714-14	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
BM048596.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH7	SDG No.:	BM111124
Lab Sample ID:	P4714-14	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
BM048596.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.224		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	7.418	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	7.86		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.059		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.074		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	18.416		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	28.833		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.794		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.457		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.162		1-146		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.213		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	30.278		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.806		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	33.93		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	C0AH7	SDG No.:	BM111124
Lab Sample ID:	P4714-14	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
BM048596.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.34		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	37.285		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	39.097		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.957		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155585	7.657				
1146-65-2	Naphthalene-d8	631738	10.445				
15067-26-2	Acenaphthene-d10	387574	14.304				
1517-22-2	Phenanthrene-d10	809408	17.051				
1719-03-5	Chrysene-d12	789255	21.28				
1520-96-3	Perylene-d12	916759	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	2.7	J			15.674	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE2	SDG No.:	BM111124
Lab Sample ID:	P4668-06	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
BM048597.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.5	U	0.5	0.51	2	ug/L
100-52-7	Benzaldehyde	2.6	U	2.6	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.2	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1	U	1	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	1.5	U	1.5	2.6	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.6	5.1	ug/L
105-60-2	Caprolactam	4.6	U	4.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.4	U	3.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE2	SDG No.:	BM111124
Lab Sample ID:	P4668-06	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
BM048597.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	6	U	6	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.6	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.96	U	0.96	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.6	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.7	U	3.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.6	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
86-74-8	Carbazole	1.6	U	1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE2	SDG No.:	BM111124
Lab Sample ID:	P4668-06	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
BM048597.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.6	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.473		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	10.166		20-120		25	SPK: -40
4165-62-2	Phenol-d5	7.868		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.366		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.317		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	19.404		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	31.95		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.411		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.661		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.169		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.156		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	32.514		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.235		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	33.272		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE2	SDG No.:	BM111124
Lab Sample ID:	P4668-06	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
BM048597.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.322		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	33.519		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	35.928		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.122		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152001	7.657				
1146-65-2	Naphthalene-d8	621322	10.445				
15067-26-2	Acenaphthene-d10	376534	14.304				
1517-22-2	Phenanthrene-d10	788957	17.051				
1719-03-5	Chrysene-d12	753962	21.28				
1520-96-3	Perylene-d12	886542	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE4	SDG No.:	BM111124
Lab Sample ID:	P4668-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048598.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE4	SDG No.:	BM111124
Lab Sample ID:	P4668-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048598.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE4	SDG No.:	BM111124
Lab Sample ID:	P4668-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048598.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.213		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	4.769	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	8.638		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.476		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.141		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	20.941		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	31.859		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.367		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.123		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.071		1-146		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.909		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	32.617		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.639	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	34.864		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	10/30/2024 12:00:00 AM
Project:		Date Received:	10/30/2024 12:00:00 AM
Client Sample ID:	C0AE4	SDG No.:	BM111124
Lab Sample ID:	P4668-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048598.D	1	11/5/2024 12:00:00 AM	11/11/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.936		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	35.737		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	38.414		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.616		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153835	7.657				
1146-65-2	Naphthalene-d8	630603	10.445				
15067-26-2	Acenaphthene-d10	383281	14.304				
1517-22-2	Phenanthrene-d10	801834	17.051				
1719-03-5	Chrysene-d12	762588	21.28				
1520-96-3	Perylene-d12	896080	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG8	SDG No.:	BM111124
Lab Sample ID:	P4714-09	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
BM048599.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG8	SDG No.:	BM111124
Lab Sample ID:	P4714-09	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
BM048599.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG8	SDG No.:	BM111124
Lab Sample ID:	P4714-09	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
BM048599.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.673		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	3.859	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	7.103		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.774		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.816		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	17.737		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	30.644		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.661		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.123		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.015		1-146		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.185		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	31.636		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.321		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	35.431		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG8	SDG No.:	BM111124
Lab Sample ID:	P4714-09	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
BM048599.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.216		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	39.1		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	41.967		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.243		20-130		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160601	7.657				
1146-65-2	Naphthalene-d8	662546	10.445				
15067-26-2	Acenaphthene-d10	402716	14.31				
1517-22-2	Phenanthrene-d10	843141	17.051				
1719-03-5	Chrysene-d12	809371	21.28				
1520-96-3	Perylene-d12	946121	24.185				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SLCS732	SDG No.:	BM111124
Lab Sample ID:	PB164732BS	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
BM048600.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SLCS732	SDG No.:	BM111124
Lab Sample ID:	PB164732BS	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
BM048600.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SLCS732	SDG No.:	BM111124
Lab Sample ID:	PB164732BS	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
BM048600.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.511		15-120		94	SPK: -8
7291-22-7	Pyridine-d5	37.927		20-120		95	SPK: -40
4165-62-2	Phenol-d5	39.081		10-130		98	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.412		25-120		96	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.111		20-130		100	SPK: -40
190780-66-6	4-Methylphenol-d8	39.141		25-125		98	SPK: -40
4165-60-0	Nitrobenzene-d5	40.301		20-125		101	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.109		20-130		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.673		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.755		1-146		97	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.994		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	40.123		10-130		100	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.672		10-150		82	SPK: -40
81103-79-9	Fluorene-d10	40.446		25-125		101	SPK: -40

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SLCS732	SDG No.:	BM111124
Lab Sample ID:	PB164732BS	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
BM048600.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.157		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	40.899		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	43.147		15-130		108	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.628		20-130		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155230	7.657				
1146-65-2	Naphthalene-d8	634963	10.445				
15067-26-2	Acenaphthene-d10	390874	14.304				
1517-22-2	Phenanthrene-d10	819936	17.051				
1719-03-5	Chrysene-d12	764464	21.28				
1520-96-3	Perylene-d12	892502	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SLCS728	SDG No.:	BM111124
Lab Sample ID:	PB164728BS	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
BM048601.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	4.2	J	2.5	5	10	ug/L
110-86-1	Pyridine	32		1.4	10	10	ug/L
108-95-2	Phenol	34		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	34		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	34		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	32		1.4	5	10	ug/L
98-86-2	Acetophenone	34		1.5	5	10	ug/L
106-44-5	4-Methylphenol	34		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	34		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	32		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	33		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	31		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	34		1.5	2.5	5	ug/L
91-20-3	Naphthalene	32		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		1.2	2.5	5	ug/L
105-60-2	Caprolactam	34		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	35		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	32		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	33		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	33		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	34		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SLCS728	SDG No.:	BM111124
Lab Sample ID:	PB164728BS	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
BM048601.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	33		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		0.84	5	10	ug/L
83-32-9	Acenaphthene	32		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	31		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	35		1.5	5	10	ug/L
132-64-9	Dibenzofuran	32		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	33		1.5	2.5	5	ug/L
86-73-7	Fluorene	32		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	32		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	38		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	33		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	32		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	31		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	32		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	32		1.6	2.5	5	ug/L
1912-24-9	Atrazine	31		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	33		3.6	5	10	ug/L
85-01-8	Phenanthrene	32		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.5	2.5	5	ug/L
120-12-7	Anthracene	33		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	30		1.2	2.5	5	ug/L
86-74-8	Carbazole	34		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	34		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SLCS728	SDG No.:	BM111124
Lab Sample ID:	PB164728BS	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
BM048601.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	36		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		1.4	2.5	5	ug/L
218-01-9	Chrysene	33		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	35		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	34		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	35		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	34		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	34		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	33		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	35		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.179		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	31.62		20-120		79	SPK: -40
4165-62-2	Phenol-d5	34.765		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.342		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.572		20-130		89	SPK: -40
190780-66-6	4-Methylphenol-d8	34.439		25-125		86	SPK: -40
4165-60-0	Nitrobenzene-d5	33.826		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.822		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.807		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.425		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.88		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	33.519		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.84		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	33.404		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SLCS728	SDG No.:	BM111124
Lab Sample ID:	PB164728BS	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
BM048601.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.905		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	33.17		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	34.547		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.214		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154264	7.657				
1146-65-2	Naphthalene-d8	644523	10.445				
15067-26-2	Acenaphthene-d10	403456	14.304				
1517-22-2	Phenanthrene-d10	841283	17.051				
1719-03-5	Chrysene-d12	806464	21.28				
1520-96-3	Perylene-d12	913206	24.191				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK732	SDG No.:	BM111124
Lab Sample ID:	PB164732BL	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
BM048603.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK732	SDG No.:	BM111124
Lab Sample ID:	PB164732BL	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
BM048603.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK732	SDG No.:	BM111124
Lab Sample ID:	PB164732BL	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
BM048603.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.792		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	33.651		20-120		84	SPK: -40
4165-62-2	Phenol-d5	35.018		10-130		88	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.954		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.986		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	35.303		25-125		88	SPK: -40
4165-60-0	Nitrobenzene-d5	36.096		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.134		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.22		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.978		1-146		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.522		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	36.501		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.566		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	36.998		25-125		92	SPK: -40

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK732	SDG No.:	BM111124
Lab Sample ID:	PB164732BL	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
BM048603.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.889		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	37.501		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	38.718		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.813		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170143	7.657				
1146-65-2	Naphthalene-d8	691828	10.445				
15067-26-2	Acenaphthene-d10	425432	14.31				
1517-22-2	Phenanthrene-d10	886612	17.051				
1719-03-5	Chrysene-d12	854379	21.28				
1520-96-3	Perylene-d12	989871	24.185				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK730	SDG No.:	BM111124
Lab Sample ID:	PB164730BL	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
BM048604.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK730	SDG No.:	BM111124
Lab Sample ID:	PB164730BL	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
BM048604.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK730	SDG No.:	BM111124
Lab Sample ID:	PB164730BL	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
BM048604.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.516		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	27.939		20-120		70	SPK: -40
4165-62-2	Phenol-d5	29.182		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.032		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.316		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.059		25-125		73	SPK: -40
4165-60-0	Nitrobenzene-d5	30.226		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.324		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.407		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.177		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.596		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	30.652		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.532		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	30.646		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	SBLK730	SDG No.:	BM111124
Lab Sample ID:	PB164730BL	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
BM048604.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.786		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	31.226		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	31.956		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.205		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	184416	7.657				
1146-65-2	Naphthalene-d8	759366	10.445				
15067-26-2	Acenaphthene-d10	465972	14.304				
1517-22-2	Phenanthrene-d10	954903	17.051				
1719-03-5	Chrysene-d12	926380	21.28				
1520-96-3	Perylene-d12	1089700	24.185				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF3	SDG No.:	BM111124
Lab Sample ID:	P4714-02	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
BM048605.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.1	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.99	U	0.99	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	1.5	U	1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5.1	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF3	SDG No.:	BM111124
Lab Sample ID:	P4714-02	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
BM048605.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	6	U	6	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.95	U	0.95	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
86-74-8	Carbazole	1.6	U	1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF3	SDG No.:	BM111124
Lab Sample ID:	P4714-02	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
BM048605.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.565		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	8.13		20-120		20	SPK: -40
4165-62-2	Phenol-d5	7.058		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.356		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.956		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	17.042		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	26.207		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.35		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.686		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.721		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.549		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.137		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.214		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	30.269		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF3	SDG No.:	BM111124
Lab Sample ID:	P4714-02	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
BM048605.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.686		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	34.896		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	37.016		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.72		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178008	7.657				
1146-65-2	Naphthalene-d8	726279	10.445				
15067-26-2	Acenaphthene-d10	444365	14.304				
1517-22-2	Phenanthrene-d10	920437	17.051				
1719-03-5	Chrysene-d12	892196	21.274				
1520-96-3	Perylene-d12	1057656	24.185				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	2.3	J			15.674	
000057-10-3	n-Hexadecanoic acid	2.6	J			17.951	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF5	SDG No.:	BM111124
Lab Sample ID:	P4714-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048606.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	29		0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	140	E	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	18		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	7.5		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF5	SDG No.:	BM111124
Lab Sample ID:	P4714-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048606.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	11		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	3.2	J	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	3.4	J	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF5	SDG No.:	BM111124
Lab Sample ID:	P4714-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048606.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.711		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	6.458	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	15.044		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.343		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.511		20-130		84	SPK: -40
190780-66-6	4-Methylphenol-d8	26.886		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	35.197		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.931		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.985		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.401		1-146		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.146		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	34.268		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.265		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	36.987		25-125		92	SPK: -40

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF5	SDG No.:	BM111124
Lab Sample ID:	P4714-03	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
BM048606.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.795		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	39.738		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	41.241		15-130		103	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.554		20-130		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168772	7.657				
1146-65-2	Naphthalene-d8	704276	10.445				
15067-26-2	Acenaphthene-d10	437469	14.304				
1517-22-2	Phenanthrene-d10	907503	17.051				
1719-03-5	Chrysene-d12	881781	21.274				
1520-96-3	Perylene-d12	1022984	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	2.9	J			5.305	
000611-14-3	Benzene, 1-ethyl-2-methyl-	2.5	J			7.046	
000271-89-6	Benzofuran	3.4	J			7.381	
000496-11-7	Indane	170	J			8.028	
000095-13-6	Indene	5.7	J			8.187	
000104-85-8	Benzonitrile, 4-methyl-	7.3	J			8.504	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	7.6	J			8.757	
001504-58-1	3-Phenyl-2-propyn-1-ol	19	J			9.004	
000576-26-1	Phenol, 2,6-dimethyl-	5.7	J			9.081	
004265-25-2	Benzofuran, 2-methyl-	20	J			9.128	
014371-10-9	Cinnamaldehyde, (E)-	8.3	J			9.193	
000934-10-1	3-Phenylbut-1-ene	5.9	J			9.693	
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	15	J			9.845	
000108-68-9	Phenol, 3,5-dimethyl-	39	J			9.94	
000095-65-8	Phenol, 3,4-dimethyl-	5.7	J			10.328	
000618-45-1	Phenol, 3-(1-methylethyl)-	2	J			10.816	
000698-71-5	Phenol, 3-ethyl-5-methyl-	3.3	J			10.993	

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF5	SDG No.:	BM111124
Lab Sample ID:	P4714-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048606.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
006351-10-6	1H-Inden-1-ol, 2,3-dihydro-	5.6	J			11.063	
003855-26-3	Phenol, 2-ethyl-4-methyl-	12	J			11.287	
002471-92-3	Benzo[c]thiophene, 1,3-dihydro-	13	J			11.551	
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	4.4	J			11.839	
001195-14-8	Benzo[b]thiophene, 2-methyl-	3.7	J			12.004	
001197-34-8	Phenol, 3,5-diethyl-	3.4	J			12.457	
001470-94-6	1H-Inden-5-ol, 2,3-dihydro-	2.4	J			12.516	
000581-40-8	Naphthalene, 2,3-dimethyl-	2.4	J			13.622	
000093-09-4	2-Naphthalenecarboxylic acid	3.1	J			16.039	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF7	SDG No.:	BM111124
Lab Sample ID:	P4714-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048607.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF7	SDG No.:	BM111124
Lab Sample ID:	P4714-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048607.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF7	SDG No.:	BM111124
Lab Sample ID:	P4714-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048607.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.057		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	9.85		20-120		25	SPK: -40
4165-62-2	Phenol-d5	8.632		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.613		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.272		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	20.61		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	34.536		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.906		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.81		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.597		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.414		25-130		99	SPK: -40
93951-97-4	Acenaphthylene-d8	35.21		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.002		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	39.284		25-125		98	SPK: -40

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AF7	SDG No.:	BM111124
Lab Sample ID:	P4714-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048607.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.679		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	42.863		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	44.53		15-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.826		20-130		110	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178732	7.657				
1146-65-2	Naphthalene-d8	732653	10.445				
15067-26-2	Acenaphthene-d10	447494	14.304				
1517-22-2	Phenanthrene-d10	933650	17.051				
1719-03-5	Chrysene-d12	908129	21.28				
1520-96-3	Perylene-d12	1066417	24.185				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG0	SDG No.:	BM111124
Lab Sample ID:	P4714-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048608.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG0	SDG No.:	BM111124
Lab Sample ID:	P4714-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048608.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG0	SDG No.:	BM111124
Lab Sample ID:	P4714-05	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
BM048608.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.579		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	6.224	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	8.926		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.031		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.414		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	20.897		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	34.275		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.023		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.589		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.125		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.648		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	34.002		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.482		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	36.464		25-125		91	SPK: -40

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG0	SDG No.:	BM111124
Lab Sample ID:	P4714-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048608.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.868		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	39.123		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	40.959		15-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.467		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189750	7.657				
1146-65-2	Naphthalene-d8	774101	10.445				
15067-26-2	Acenaphthene-d10	478259	14.304				
1517-22-2	Phenanthrene-d10	993267	17.051				
1719-03-5	Chrysene-d12	948730	21.28				
1520-96-3	Perylene-d12	1124197	24.186				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG2	SDG No.:	BM111124
Lab Sample ID:	P4714-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048609.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG2	SDG No.:	BM111124
Lab Sample ID:	P4714-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048609.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG2	SDG No.:	BM111124
Lab Sample ID:	P4714-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048609.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.593		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	9.649		20-120		24	SPK: -40
4165-62-2	Phenol-d5	8.235		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.886		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.036		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	20.066		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	33.586		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.147		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.628		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.894		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.038		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	34.358		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.592		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	37.454		25-125		94	SPK: -40

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	C0AG2	SDG No.:	BM111124
Lab Sample ID:	P4714-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048609.D	1	11/5/2024 12:00:00 AM	11/12/2024 12:00:00 AM	PB164730

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.771		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	40.68		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	42.638		15-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.694		20-130		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171713	7.657				
1146-65-2	Naphthalene-d8	703227	10.439				
15067-26-2	Acenaphthene-d10	429464	14.304				
1517-22-2	Phenanthrene-d10	890983	17.051				
1719-03-5	Chrysene-d12	860167	21.28				
1520-96-3	Perylene-d12	1021042	24.185				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4ED9								
P4585-05	A4ED9	Solid	Total Alkanes	*	0.000	60	210	ug/Kg
			Total Tics :			0.00		
P4585-05	A4ED9	Solid	Acetophenone		170.000	J 47	410	ug/Kg
P4585-05	A4ED9	Solid	Benzo(b)fluoranthene		58.000	J 52	210	ug/Kg
P4585-05	A4ED9	Solid	Bis(2-ethylhexyl)phthalate		250.000	55	210	ug/Kg
P4585-05	A4ED9	Solid	Fluoranthene		88.000	J 55	210	ug/Kg
			Total Svoc :			566.00		
			Total Concentration:			566.00		
Client ID : CC0R6								
P4637-01	CC0R6	Solid	Benzophenone	*	110.000	J		
P4637-01	CC0R6	Solid	n-Hexadecanoic acid	*	180.000	J		
P4637-01	CC0R6	Solid	Pentadecafluorooctanoic acid, oct:	*	110.000	J		
P4637-01	CC0R6	Solid	Total Alkanes	*	0.000	51	180	ug/Kg
			Total Tics :			400.00		
			Total Concentration:			400.00		
Client ID : C0AE2								
P4668-06	C0AE2	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0AE4								
P4668-07	C0AE4	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : GCP52								
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain11.8 *		90.000	J		
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain12.8 *		98.000	J		
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain13.1 *		290.000	J		
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain13.7 *		210.000	J		
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain15.1 *		610.000	J		
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain15.7 *		120.000	J		
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain16.0 *		780.000	J		
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain16.3 *		92.000	J		
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain16.4 *		86.000	J		
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain16.5 *		83.000	J		
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain16.8 *		670.000	J		
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain16.8 *		250.000	J		

Hit Summary Sheet
SW-846

SDG No.: BM111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain17.4 *	81.000	J			
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain17.5 *	680.000	J			
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain18.2 *	560.000	J			
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain18.8 *	360.000	J			
P4686-01	GCP52	Solid	(DEL) Alkane: Straight-Chain20.9 *	140.000	J			
P4686-01	GCP52	Solid	Benzophenone	*	320.000	J		
P4686-01	GCP52	Solid	n-Hexadecanoic acid	*	450.000	J		
P4686-01	GCP52	Solid	Sulfurous acid, butyl heptadecyl e *	98.000	J			
P4686-01	GCP52	Solid	Total Alkanes	*	5,200.000	57	200	ug/Kg
Total Tics :				11,268.00				
P4686-01	GCP52	Solid	2,3,4,6-Tetrachlorophenol	80.000	J	44	200	ug/Kg
P4686-01	GCP52	Solid	Pentachlorophenol	7,100.000	E	100	390	ug/Kg
P4686-01	GCP52	Solid	Phenol	46.000	J	42	390	ug/Kg
Total Svoc :				7,226.00				
Total Concentration:				18,494.00				
Client ID : GCP52DL								
P4686-01DL	GCP52DL	Solid	(DEL) Alkane: Straight-Chain14.2 *	810.000	JD			
P4686-01DL	GCP52DL	Solid	(DEL) Alkane: Straight-Chain15.1 *	660.000	JD			
P4686-01DL	GCP52DL	Solid	(DEL) Alkane: Straight-Chain15.5 *	450.000	JD			
P4686-01DL	GCP52DL	Solid	(DEL) Alkane: Straight-Chain16.6 *	780.000	JD			
P4686-01DL	GCP52DL	Solid	(DEL) Alkane: Straight-Chain16.8 *	730.000	JD			
P4686-01DL	GCP52DL	Solid	(DEL) Alkane: Straight-Chain17.5 *	660.000	JD			
P4686-01DL	GCP52DL	Solid	(DEL) Alkane: Straight-Chain18.2 *	560.000	JD			
P4686-01DL	GCP52DL	Solid	Total Alkanes	*	4,700.000	D 290	1000	ug/Kg
Total Tics :				9,350.00				
P4686-01DL	GCP52DL	Solid	Pentachlorophenol	6,600.000	D 520		2000	ug/Kg
Total Svoc :				6,600.00				
Total Concentration:				15,950.00				
Client ID : GCP53								
P4686-04	GCP53	Solid	(DEL) Alkane: Straight-Chain16.6 *	99.000	J			
P4686-04	GCP53	Solid	(DEL) Alkane: Straight-Chain18.8 *	110.000	J			
P4686-04	GCP53	Solid	Benzophenone	*	230.000	J		
P4686-04	GCP53	Solid	n-Hexadecanoic acid	*	370.000	J		
P4686-04	GCP53	Solid	Total Alkanes	*	210.000	57	200	ug/Kg
Total Tics :				1,019.00				
P4686-04	GCP53	Solid	Pentachlorophenol	660.000		100	400	ug/Kg
P4686-04	GCP53	Solid	Phenol	47.000	J	42	400	ug/Kg
Total Svoc :				707.00				
Total Concentration:				1,726.00				

Hit Summary Sheet SW-846

SDG No.: BM111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	GCP54							
P4686-05	GCP54	Solid	1-Phenanthrenol	*	76.000	J		
P4686-05	GCP54	Solid	10,18-Bisnorabieta-8,11,13-triene	*	73.000	J		
P4686-05	GCP54	Solid	9,10-Anthracenedione	*	290.000	J		
P4686-05	GCP54	Solid	Benzene, 1,2-dichloro-	*	3,200.000	J		
P4686-05	GCP54	Solid	Benzene, 1,4-dichloro-	*	1,200.000	J		
P4686-05	GCP54	Solid	Benzophenone	*	340.000	J		
P4686-05	GCP54	Solid	Hexadecanoic acid, methyl ester	*	96.000	J		
P4686-05	GCP54	Solid	n-Hexadecanoic acid	*	210.000	J		
P4686-05	GCP54	Solid	Total Alkanes	*	0.000	48	170	ug/Kg
Total Tics :				5,485.00				
P4686-05	GCP54	Solid	2,4,5-Trichlorophenol		5,300.000	E 42	170	ug/Kg
P4686-05	GCP54	Solid	2,4,6-Trichlorophenol		2,400.000	43	170	ug/Kg
P4686-05	GCP54	Solid	2,4-Dichlorophenol		1,700.000	39	170	ug/Kg
P4686-05	GCP54	Solid	2,4-Dinitrotoluene		5,000.000	E 27	170	ug/Kg
P4686-05	GCP54	Solid	2,6-Dinitrotoluene		8,900.000	E 21	170	ug/Kg
P4686-05	GCP54	Solid	2-Chloronaphthalene		2,300.000	45	170	ug/Kg
P4686-05	GCP54	Solid	2-Chlorophenol		2,500.000	28	170	ug/Kg
P4686-05	GCP54	Solid	2-Nitrophenol		1,700.000	32	170	ug/Kg
P4686-05	GCP54	Solid	4-Chloro-3-methylphenol		3,700.000	E 28	170	ug/Kg
P4686-05	GCP54	Solid	4-Chlorophenyl-phenylether		5,000.000	E 47	170	ug/Kg
P4686-05	GCP54	Solid	4-Nitrophenol		6,400.000	E 41	330	ug/Kg
P4686-05	GCP54	Solid	Acenaphthene		4,000.000	E 41	170	ug/Kg
P4686-05	GCP54	Solid	Acenaphthylene		5,700.000	E 43	170	ug/Kg
P4686-05	GCP54	Solid	Anthracene		2,700.000	E 43	170	ug/Kg
P4686-05	GCP54	Solid	Benzo(a)anthracene		4,100.000	E 39	170	ug/Kg
P4686-05	GCP54	Solid	Benzo(k)fluoranthene		5,500.000	E 45	170	ug/Kg
P4686-05	GCP54	Solid	Bis(2-Chloroethoxy)methane		2,000.000	38	170	ug/Kg
P4686-05	GCP54	Solid	Bis(2-Chloroethyl)ether		1,200.000	34	330	ug/Kg
P4686-05	GCP54	Solid	Bis(2-ethylhexyl)phthalate		8,000.000	E 44	170	ug/Kg
P4686-05	GCP54	Solid	Chrysene		5,300.000	E 45	170	ug/Kg
P4686-05	GCP54	Solid	Di-n-butylphthalate		6,200.000	E 42	170	ug/Kg
P4686-05	GCP54	Solid	Dibenzo(a,h)anthracene		3,900.000	E 37	170	ug/Kg
P4686-05	GCP54	Solid	Diethylphthalate		6,900.000	E 60	170	ug/Kg
P4686-05	GCP54	Solid	Fluoranthene		6,200.000	E 44	170	ug/Kg
P4686-05	GCP54	Solid	Fluorene		1,600.000	45	170	ug/Kg
P4686-05	GCP54	Solid	Hexachlorobenzene		7,600.000	E 50	170	ug/Kg
P4686-05	GCP54	Solid	Hexachloroethane		3,300.000	E 23	170	ug/Kg
P4686-05	GCP54	Solid	N-Nitroso-di-n-propylamine		3,800.000	E 29	170	ug/Kg
P4686-05	GCP54	Solid	Naphthalene		4,400.000	E 34	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4686-05	GCP54	Solid	Nitrobenzene	1,300.000		36	170	ug/Kg
P4686-05	GCP54	Solid	Pentachlorophenol	6,800.000	E	87	330	ug/Kg
P4686-05	GCP54	Solid	Phenanthrene	2,100.000		44	170	ug/Kg
P4686-05	GCP54	Solid	Phenol	4,000.000		35	330	ug/Kg
P4686-05	GCP54	Solid	Pyrene	3,000.000	E	44	170	ug/Kg
Total Svoc :				144,500.00				
Total Concentration:				149,985.00				
Client ID : GCP54DL								
P4686-05DL	GCP54DL	Solid	Benzene, 1,2-dichloro-	*	3,200.000	JD		
P4686-05DL	GCP54DL	Solid	Benzene, 1,4-dichloro-	*	1,200.000	JD		
P4686-05DL	GCP54DL	Solid	Toluene	*	690.000	JD		
P4686-05DL	GCP54DL	Solid	Total Alkanes	*	0.000	D 240	850	ug/Kg
Total Tics :				5,090.00				
P4686-05DL	GCP54DL	Solid	2,4,5-Trichlorophenol		5,200.000	D 210	850	ug/Kg
P4686-05DL	GCP54DL	Solid	2,4,6-Trichlorophenol		2,300.000	D 220	850	ug/Kg
P4686-05DL	GCP54DL	Solid	2,4-Dichlorophenol		1,600.000	D 200	850	ug/Kg
P4686-05DL	GCP54DL	Solid	2,4-Dinitrotoluene		4,600.000	D 140	850	ug/Kg
P4686-05DL	GCP54DL	Solid	2,6-Dinitrotoluene		8,500.000	D 110	850	ug/Kg
P4686-05DL	GCP54DL	Solid	2-Chloronaphthalene		2,300.000	D 230	850	ug/Kg
P4686-05DL	GCP54DL	Solid	2-Chlorophenol		2,500.000	D 140	850	ug/Kg
P4686-05DL	GCP54DL	Solid	2-Nitrophenol		1,500.000	D 160	850	ug/Kg
P4686-05DL	GCP54DL	Solid	4-Chloro-3-methylphenol		3,600.000	D 140	850	ug/Kg
P4686-05DL	GCP54DL	Solid	4-Chlorophenyl-phenylether		5,500.000	D 240	850	ug/Kg
P4686-05DL	GCP54DL	Solid	4-Nitrophenol		4,900.000	D 210	1700	ug/Kg
P4686-05DL	GCP54DL	Solid	Acenaphthene		4,300.000	D 210	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Acenaphthylene		6,100.000	D 220	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Anthracene		2,800.000	D 220	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Benzo(a)anthracene		4,300.000	D 200	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Benzo(k)fluoranthene		6,200.000	D 230	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Bis(2-Chloroethoxy)methane		1,900.000	D 190	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Bis(2-Chloroethyl)ether		1,200.000	JD 170	1700	ug/Kg
P4686-05DL	GCP54DL	Solid	Bis(2-ethylhexyl)phthalate		8,400.000	D 220	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Chrysene		5,900.000	D 230	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Di-n-butylphthalate		6,700.000	D 210	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Dibenzo(a,h)anthracene		3,900.000	D 190	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Diethylphthalate		7,400.000	D 300	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Fluoranthene		6,500.000	D 220	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Fluorene		1,800.000	D 230	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Hexachlorobenzene		8,700.000	D 250	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Hexachloroethane		3,400.000	D 120	850	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM111124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4686-05DL	GCP54DL	Solid	N-Nitroso-di-n-propylamine	3,700.000	D	150	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Naphthalene	4,700.000	D	170	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Nitrobenzene	1,100.000	D	180	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Pentachlorophenol	7,000.000	D	440	1700	ug/Kg
P4686-05DL	GCP54DL	Solid	Phenanthrene	2,200.000	D	220	850	ug/Kg
P4686-05DL	GCP54DL	Solid	Phenol	4,000.000	D	180	1700	ug/Kg
P4686-05DL	GCP54DL	Solid	Pyrene	3,000.000	D	220	850	ug/Kg

Total Svoc : 147,700.00

Total Concentration: 152,790.00

Client ID : C0AF3

P4714-02	C0AF3	Water	Benzophenone	*	2.300	J		
P4714-02	C0AF3	Water	n-Hexadecanoic acid	*	2.600	J		
P4714-02	C0AF3	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L

Total Tics : 4.90

Total Concentration: 4.90

Client ID : C0AF5

P4714-03	C0AF5	Water	1H-Inden-1-ol, 2,3-dihydro-	*	5.600	J		
P4714-03	C0AF5	Water	1H-Inden-1-one, 2,3-dihydro-	*	4.400	J		
P4714-03	C0AF5	Water	1H-Inden-5-ol, 2,3-dihydro-	*	2.400	J		
P4714-03	C0AF5	Water	2-Naphthalenecarboxylic acid	*	3.100	J		
P4714-03	C0AF5	Water	3-Phenyl-2-propyn-1-ol	*	19.000	J		
P4714-03	C0AF5	Water	3-Phenylbut-1-ene	*	5.900	J		
P4714-03	C0AF5	Water	Benzene, 1,3-dimethyl-	*	2.900	J		
P4714-03	C0AF5	Water	Benzene, 1-ethenyl-4-ethyl-	*	15.000	J		
P4714-03	C0AF5	Water	Benzene, 1-ethyl-2,4-dimethyl-	*	7.600	J		
P4714-03	C0AF5	Water	Benzene, 1-ethyl-2-methyl-	*	2.500	J		
P4714-03	C0AF5	Water	Benzo[b]thiophene, 2-methyl-	*	3.700	J		
P4714-03	C0AF5	Water	Benzo[c]thiophene, 1,3-dihydro-	*	13.000	J		
P4714-03	C0AF5	Water	Benzofuran	*	3.400	J		
P4714-03	C0AF5	Water	Benzofuran, 2-methyl-	*	20.000	J		
P4714-03	C0AF5	Water	Benzonitrile, 4-methyl-	*	7.300	J		
P4714-03	C0AF5	Water	Cinnamaldehyde, (E)-	*	8.300	J		
P4714-03	C0AF5	Water	Indane	*	170.000	J		
P4714-03	C0AF5	Water	Indene	*	5.700	J		
P4714-03	C0AF5	Water	Naphthalene, 2,3-dimethyl-	*	2.400	J		
P4714-03	C0AF5	Water	Phenol, 2,6-dimethyl-	*	5.700	J		
P4714-03	C0AF5	Water	Phenol, 2-ethyl-4-methyl-	*	12.000	J		
P4714-03	C0AF5	Water	Phenol, 3,4-dimethyl-	*	5.700	J		
P4714-03	C0AF5	Water	Phenol, 3,5-diethyl-	*	3.400	J		

Hit Summary Sheet SW-846

SDG No.: BM111124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4714-03	C0AF5	Water	Phenol, 3,5-dimethyl-	*	39.000	J		
P4714-03	C0AF5	Water	Phenol, 3-(1-methylethyl)-	*	2.000	J		
P4714-03	C0AF5	Water	Phenol, 3-ethyl-5-methyl-	*	3.300	J		
P4714-03	C0AF5	Water	Total Alkanes	*	0.000		1.7	5 ug/L
Total Tics :				373.30				
P4714-03	C0AF5	Water	1-Methylnaphthalene		18.000		1.3	5 ug/L
P4714-03	C0AF5	Water	2,4-Dimethylphenol		29.000		0.98	5 ug/L
P4714-03	C0AF5	Water	2-Methylnaphthalene		7.500		1.4	5 ug/L
P4714-03	C0AF5	Water	Acenaphthene		11.000		1.5	5 ug/L
P4714-03	C0AF5	Water	Dibenzofuran		3.200	J	1.5	5 ug/L
P4714-03	C0AF5	Water	Fluorene		3.400	J	1.5	5 ug/L
P4714-03	C0AF5	Water	Naphthalene		140.000	E	1.3	5 ug/L
Total Svoc :				212.10				
Total Concentration:				585.40				
Client ID : C0AF7								
P4714-04	C0AF7	Water	Total Alkanes	*	0.000		1.7	5 ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : C0AG0								
P4714-05	C0AG0	Water	Total Alkanes	*	0.000		1.7	5 ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : C0AG2								
P4714-06	C0AG2	Water	Total Alkanes	*	0.000		1.7	5 ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : C0AG8								
P4714-09	C0AG8	Water	Total Alkanes	*	0.000		1.7	5 ug/L
Total Tics :				0.00				
Total Concentration:				0.00				
Client ID : C0AH0								
P4714-10	C0AH0	Water	Benzophenone	*	3.500	J		
P4714-10	C0AH0	Water	Total Alkanes	*	0.000		1.7	5 ug/L
Total Tics :				3.50				
Total Concentration:				3.50				
Client ID : C0AH3								
P4714-12	C0AH3	Water	Total Alkanes	*	0.000		1.7	5 ug/L
Total Tics :				0.00				

Hit Summary Sheet
SW-846

SDG No.: BM111124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	0.00				
Client ID :	C0AH5							
P4714-13	C0AH5	Water	(DEL) Alkane: Straight-Chain20.9 *	4.800	J			
P4714-13	C0AH5	Water	Benzophenone	*	14.000	J		
P4714-13	C0AH5	Water	n-Hexadecanoic acid	*	7.700	J		
P4714-13	C0AH5	Water	Squalene	*	2.200	J		
P4714-13	C0AH5	Water	Total Alkanes	*	4.800	1.7	5	ug/L
			Total Tics :	33.50				
			Total Concentration:	33.50				
Client ID :	C0AH7							
P4714-14	C0AH7	Water	Benzophenone	*	2.700	J		
P4714-14	C0AH7	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :	2.70				
			Total Concentration:	2.70				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM110724 SAS No.: BM110724 SDG No.: BM110724
Instrument ID: _____ Calibration Date(s): 11/7/2024 : _____
Calibration Time(s): 15:07 _____

LAB FILE ID:		RRFAL1 = BM048512.D			RRFAL2 = BM048513.D		RRFAL3 = BM048514.D	
		RRFAL4 = BM048515.D			RRFAL5 = BM048516.D		RRFAL6 = BM048517.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.551	0.545	0.580	0.550	0.527		0.551	3.4
Benzaldehyde		0.921	0.962	0.813	0.587	0.480	0.752	28.0
Pyridine		1.384	1.464	1.446	1.421	1.382	1.419	2.6
Hexachloroethane	0.524	0.546	0.574	0.561	0.556		0.552	3.4
Nitrobenzene	0.287	0.312	0.348	0.350	0.346		0.329	8.5
Isophorone	0.549	0.578	0.634	0.642	0.636		0.608	6.9
2-Nitrophenol	0.136	0.154	0.181	0.184	0.185		0.168	13.1
2,4-Dimethylphenol	0.285	0.304	0.333	0.327	0.320		0.314	6.2
Bis(2-Chloroethoxy)methane	0.332	0.368	0.403	0.401	0.393		0.379	7.9
2,4-Dichlorophenol	0.256	0.282	0.309	0.308	0.298		0.291	7.6
Naphthalene	0.990	0.990	1.071	1.027	0.984		1.012	3.6
4-Chloroaniline		0.343	0.397	0.398	0.396	0.383	0.384	6.1
Hexachlorobutadiene	0.189	0.198	0.207	0.198	0.190		0.197	3.8
Phenol		1.519	1.634	1.626	1.619	1.588	1.597	2.9
Caprolactam		0.073	0.089	0.096	0.099	0.101	0.092	12.4
4-Chloro-3-methylphenol	0.240	0.262	0.301	0.301	0.302		0.281	10.2
1-Methylnaphthalene	0.632	0.648	0.704	0.682	0.658		0.665	4.3
2-Methylnaphthalene	0.606	0.635	0.683	0.666	0.648		0.648	4.6
Hexachlorocyclopentadiene		0.235	0.280	0.308	0.321	0.321	0.293	12.5
2,4,6-Trichlorophenol	0.317	0.348	0.385	0.378	0.383		0.362	8.1
2,4,5-Trichlorophenol	0.327	0.366	0.418	0.408	0.409		0.386	10.0
1,1-Biphenyl	1.282	1.374	1.449	1.384	1.349		1.368	4.4
2-Chloronaphthalene	1.018	1.063	1.152	1.097	1.066		1.079	4.6
2-Nitroaniline	0.202	0.237	0.291	0.307	0.318		0.271	18.4
Bis(2-Chloroethyl)ether		1.204	1.288	1.284	1.260	1.240	1.255	2.8
Dimethylphthalate	1.198	1.262	1.352	1.314	1.287		1.282	4.5
2,6-Dinitrotoluene	0.190	0.220	0.259	0.272	0.282		0.244	15.7
Acenaphthylene	1.529	1.651	1.764	1.702	1.649		1.659	5.2
3-Nitroaniline		0.216	0.276	0.285	0.275	0.277	0.265	10.6
Acenaphthene	1.118	1.158	1.239	1.190	1.136		1.168	4.1
2,4-Dinitrophenol		0.067	0.099	0.138	0.164	0.189	0.131	37.1
4-Nitrophenol		0.122	0.167	0.187	0.191	0.190	0.171	17.0
Dibenzofuran	1.522	1.602	1.717	1.657	1.558		1.611	4.8
2,4-Dinitrotoluene	0.265	0.324	0.386	0.403	0.400		0.355	16.8
Diethylphthalate	1.144	1.233	1.333	1.318	1.290		1.264	6.1
2-Chlorophenol	1.178	1.277	1.386	1.354	1.339		1.307	6.3

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.: BM110724SAS No.: BM110724SDG No.: BM110724

Instrument ID: _____

Calibration Date(s): 11/7/2024 :Calibration Time(s): 15:07

LAB FILE ID:		RRFAL1 = BM048512.D		RRFAL2 = BM048513.D		RRFAL3 = BM048514.D		
		RRFAL4 = BM048515.D		RRFAL5 = BM048516.D		RRFAL6 = BM048517.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.225	1.279	1.366	1.312	1.196		1.276	5.3
4-Chlorophenyl-phenylether	0.604	0.636	0.673	0.635	0.595		0.629	4.9
4-Nitroaniline		0.211	0.278	0.295	0.271	0.251	0.261	12.3
4,6-Dinitro-2-methylphenol		0.081	0.106	0.116	0.124	0.119	0.109	15.6
N-Nitrosodiphenylamine	0.476	0.527	0.577	0.541	0.514		0.527	7.1
1,2,4,5-Tetrachlorobenzene	0.534	0.580	0.606	0.577	0.569		0.573	4.5
4-Bromophenyl-phenylether	0.176	0.185	0.205	0.190	0.186		0.189	5.5
Hexachlorobenzene	0.217	0.227	0.246	0.229	0.220		0.228	5.0
Atrazine		0.178	0.203	0.198	0.197	0.183	0.192	5.5
Pentachlorophenol		0.124	0.149	0.149	0.152	0.148	0.145	8.0
2-Methylphenol		1.072	1.208	1.221	1.212	1.199	1.182	5.3
Phenanthrene	0.949	0.991	1.072	0.993	0.954		0.992	5.0
Pentachlorobenzene	0.272	0.280	0.297	0.275	0.266		0.278	4.3
Anthracene	0.926	0.981	1.090	1.016	0.964		0.995	6.2
1,2,3,4-Tetrachlorobenzene	0.280	0.288	0.303	0.278	0.276		0.285	3.9
Carbazole		0.841	0.979	0.942	0.904	0.817	0.897	7.5
Di-n-butylphthalate	0.900	1.005	1.142	1.117	1.108		1.054	9.6
Fluoranthene	1.082	1.113	1.232	1.203	1.193		1.165	5.5
Pyrene	1.203	1.229	1.337	1.294	1.251		1.263	4.2
Butylbenzylphthalate	0.396	0.433	0.511	0.529	0.557		0.485	14.0
3,3-Dichlorobenzidine		0.366	0.415	0.391	0.345	0.300	0.363	12.2
2,2-oxybis (1-Chloropropane)		1.869	1.944	1.870	1.823	1.724	1.846	4.4
Benzo (a) anthracene	1.180	1.212	1.354	1.291	1.267		1.261	5.4
Chrysene	1.169	1.186	1.290	1.222	1.190		1.212	4.0
Bis (2-ethylhexyl) phthalate	0.590	0.649	0.757	0.765	0.776		0.708	11.8
Di-n-octyl phthalate		0.937	1.128	1.159	1.210	1.204	1.127	9.9
Benzo (b) fluoranthene	1.018	1.060	1.167	1.151	1.109		1.101	5.7
Benzo (k) fluoranthene	0.995	1.059	1.200	1.121	1.114		1.098	6.9
Benzo (a) pyrene	0.934	0.995	1.114	1.083	1.049		1.035	6.9
Indeno (1,2,3-cd) pyrene	1.221	1.293	1.426	1.404	1.382		1.345	6.4
Dibenzo (a,h) anthracene	1.001	1.062	1.171	1.145	1.114		1.099	6.2
Benzo (g,h,i) perylene	0.969	1.013	1.107	1.098	1.087		1.055	5.8
Acetophenone		1.795	1.928	1.924	1.897	1.786	1.866	3.7
2,3,4,6-Tetrachlorophenol	0.276	0.303	0.347	0.341	0.336		0.321	9.4
1,4-Dioxane-d8	0.485	0.509	0.524	0.508	0.483		0.502	3.5
Pyridine-d5		1.348	1.415	1.396	1.400	1.354	1.383	2.1

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.: BM110724 SAS No.: BM110724 SDG No.: BM110724
Instrument ID: _____ Calibration Date(s): 11/7/2024 : _____
Calibration Time(s): 15:07 : _____

LAB FILE ID:		RRFAL1 = BM048512.D			RRFAL2 = BM048513.D		RRFAL3 = BM048514.D	
		RRFAL4 = BM048515.D			RRFAL5 = BM048516.D		RRFAL6 = BM048517.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.415	1.551	1.563	1.545	1.539	1.522	4.0
Bis-(2-Chloroethyl)ether-d8		0.885	0.937	0.932	0.923	0.895	0.914	2.5
2-Chlorophenol-d4	1.121	1.225	1.327	1.326	1.307		1.261	7.0
4-Methylphenol-d8		1.089	1.209	1.231	1.228	1.229	1.197	5.1
Nitrobenzene-d5	0.127	0.133	0.151	0.157	0.156		0.145	9.6
2-Nitrophenol-d4	0.125	0.139	0.163	0.170	0.174		0.154	13.7
2,4-Dichlorophenol-d3	0.249	0.279	0.304	0.302	0.298		0.286	8.1
4-Chloroaniline-d4		0.364	0.420	0.422	0.419	0.409	0.407	6.0
4-Methylphenol		1.217	1.311	1.336	1.314	1.295	1.295	3.5
Dimethylphthalate-d6	1.185	1.248	1.345	1.307	1.299		1.277	4.8
Acenaphthylene-d8	1.352	1.462	1.601	1.571	1.540		1.505	6.7
4-Nitrophenol-d4		0.157	0.232	0.259	0.271	0.265	0.237	19.8
Fluorene-d10	1.040	1.103	1.184	1.151	1.095		1.114	5.0
4,6-Dinitro-2-methylphenol		0.069	0.098	0.107	0.114	0.114	0.101	18.7
Anthracene-d10	0.784	0.830	0.919	0.863	0.836		0.846	5.8
Pyrene-d10	0.924	0.963	1.063	1.042	1.026		1.004	5.8
Benzo(a)pyrene-d12	0.836	0.905	1.004	0.976	0.953		0.934	7.1
N-Nitroso-di-n-propylamine	0.782	0.842	0.921	0.929	0.912		0.877	7.2

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.: BM111124 SAS No.: BM111124 SDG NO.: BM111124

EPA Sample No.: SSTD020043 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BM048514.D Time Analyzed: 10:52

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	132700	7.663	526355	10.45	315864	14.32
	UPPER LIMIT	265400	8.163	1052710	10.951	631728	14.815
	LOWER LIMIT	66350	7.163	263177.5	9.951	157932	13.815
	EPA SAMPLE NO.						
01	SBLK746	136111	7.66	553138	10.45	337002	14.31
02	GCP54	140767	7.66	569938	10.45	345189	14.31
03	GCP54DL	136567	7.66	558193	10.45	337664	14.31
04	CC0R6	149775	7.66	613850	10.45	370441	14.31
05	GCP52	134637	7.66	556638	10.45	352136	14.31
06	GCP52MS	133108	7.66	547730	10.45	341231	14.31
07	GCP52MSD	127520	7.66	530741	10.45	333447	14.31
08	SBLK682	136980	7.66	543230	10.45	321301	14.31
09	SBLK728	153267	7.66	619182	10.45	377143	14.31
10	GCP52DL	135313	7.66	544815	10.45	336728	14.31
11	A4ED9	129989	7.66	526247	10.45	325600	14.31
12	GCP53	124140	7.66	496781	10.45	300998	14.31
13	SLCS746	128278	7.66	525701	10.45	323581	14.31
14	C0AH0	149266	7.66	612356	10.45	373593	14.31
15	C0AH3	151869	7.66	611475	10.45	372135	14.31
16	C0AH5	154445	7.66	621268	10.45	380512	14.31
17	C0AH7	155585	7.66	631738	10.45	387574	14.30
18	C0AE2	152001	7.66	621322	10.45	376534	14.30
19	C0AE4	153835	7.66	630603	10.45	383281	14.30
20	C0AG8	160601	7.66	662546	10.45	402716	14.31
21	SLCS732	155230	7.66	634963	10.45	390874	14.30
22	SLCS728	154264	7.66	644523	10.45	403456	14.30
23	SBLK732	170143	7.66	691828	10.45	425432	14.31

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM111124 SAS No.: BM111124 SDG NO.: BM111124

EPA Sample No.: SSTD020043 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BM048514.D Time Analyzed: 04:14

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	132700	7.663	526355	10.45	315864	14.32
UPPER LIMIT	265400	8.163	1052710	10.951	631728	14.815
LOWER LIMIT	66350	7.163	263177.5	9.951	157932	13.815
EPA SAMPLE NO.						
24 SBLK730	184416	7.66	759366	10.45	465972	14.30
25 C0AF3	178008	7.66	726279	10.45	444365	14.30
26 C0AF5	168772	7.66	704276	10.45	437469	14.30
27 C0AF7	178732	7.66	732653	10.45	447494	14.30
28 C0AG0	189750	7.66	774101	10.45	478259	14.30
29 C0AG2	171713	7.66	703227	10.44	429464	14.30

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.: BM111124 SAS No.: BM111124 SDG NO.: BM111124

EPA Sample No.: SSTD020052 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BM048578.D Time Analyzed: 10:52

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	146982	7.657	603070	10.45	366230	14.31
UPPER LIMIT	293964	8.157	1206140	10.945	732460	14.81
LOWER LIMIT	73491	7.157	301535	9.945	183115	13.81
EPA SAMPLE NO.						
01 SBLK746	136111	7.66	553138	10.45	337002	14.31
02 GCP54	140767	7.66	569938	10.45	345189	14.31
03 GCP54DL	136567	7.66	558193	10.45	337664	14.31
04 CC0R6	149775	7.66	613850	10.45	370441	14.31
05 GCP52	134637	7.66	556638	10.45	352136	14.31
06 GCP52MS	133108	7.66	547730	10.45	341231	14.31
07 GCP52MSD	127520	7.66	530741	10.45	333447	14.31

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.: BM111124 SAS No.: BM111124 SDG NO.: BM111124

EPA Sample No.: SSTD020053 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BM048586.D Time Analyzed: 16:25

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	144245	7.657	596895	10.45	369177	14.31
UPPER LIMIT	288490	8.157	1193790	10.945	738354	14.81
LOWER LIMIT	72122.5	7.157	298447.5	9.945	184588.5	13.81
EPA SAMPLE NO.						
01 SBLK682	136980	7.66	543230	10.45	321301	14.31
02 SBLK728	153267	7.66	619182	10.45	377143	14.31
03 GCP52DL	135313	7.66	544815	10.45	336728	14.31
04 A4ED9	129989	7.66	526247	10.45	325600	14.31
05 GCP53	124140	7.66	496781	10.45	300998	14.31
06 SLCS746	128278	7.66	525701	10.45	323581	14.31
07 C0AH0	149266	7.66	612356	10.45	373593	14.31
08 C0AH3	151869	7.66	611475	10.45	372135	14.31
09 C0AH5	154445	7.66	621268	10.45	380512	14.31
10 C0AH7	155585	7.66	631738	10.45	387574	14.30
11 C0AE2	152001	7.66	621322	10.45	376534	14.30
12 C0AE4	153835	7.66	630603	10.45	383281	14.30
13 C0AG8	160601	7.66	662546	10.45	402716	14.31
14 SLCS732	155230	7.66	634963	10.45	390874	14.30
15 SLCS728	154264	7.66	644523	10.45	403456	14.30

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.: BM111124 SAS No.: BM111124 SDG NO.: BM111124

EPA Sample No.: SSTD020054 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BM048602.D Time Analyzed: 03:35

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	166460	7.657	685460	10.45	421934	14.30
UPPER LIMIT	332920	8.157	1370920	10.945	843868	14.804
LOWER LIMIT	83230	7.157	342730	9.945	210967	13.804
EPA SAMPLE NO.						
01 SBLK732	170143	7.66	691828	10.45	425432	14.31
02 SBLK730	184416	7.66	759366	10.45	465972	14.30
03 C0AF3	178008	7.66	726279	10.45	444365	14.30
04 C0AF5	168772	7.66	704276	10.45	437469	14.30
05 C0AF7	178732	7.66	732653	10.45	447494	14.30
06 C0AG0	189750	7.66	774101	10.45	478259	14.30
07 C0AG2	171713	7.66	703227	10.44	429464	14.30

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.: BM111124 SAS No.: BM111124 SDG NO.: BM111124

EPA Sample No.: SSTD020043 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BM048514.D Time Analyzed: 10:52

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	625795	17.056	635401	21.286	748072	24.197
	UPPER LIMIT	1251590	17.556	1270802	21.786	1496144	24.697
	LOWER LIMIT	312897.5	16.556	317700.5	20.786	374036	23.697
	EPA SAMPLE NO.						
01	SBLK746	677038	17.06	652442	21.28	773102	24.19
02	GCP54	707619	17.06	634130	21.29	777033	24.19
03	GCP54DL	688301	17.06	681358	21.28	794113	24.19
04	CC0R6	760267	17.06	712060	21.29	838938	24.19
05	GCP52	727968	17.06	692356	21.28	782869	24.19
06	GCP52MS	687157	17.06	627721	21.28	719018	24.19
07	GCP52MSD	661761	17.06	609076	21.28	696541	24.19
08	SBLK682	662191	17.06	644685	21.28	770811	24.19
09	SBLK728	788498	17.05	774928	21.28	921951	24.19
10	GCP52DL	718668	17.05	687140	21.28	796254	24.19
11	A4ED9	681807	17.06	688904	21.28	812531	24.19
12	GCP53	641180	17.05	643000	21.28	765132	24.19
13	SLCS746	676840	17.06	674008	21.28	766194	24.19
14	C0AH0	793676	17.05	775164	21.28	916123	24.19
15	C0AH3	784626	17.05	760857	21.28	891932	24.19
16	C0AH5	794720	17.05	778282	21.28	904817	24.19
17	C0AH7	809408	17.05	789255	21.28	916759	24.19
18	C0AE2	788957	17.05	753962	21.28	886542	24.19
19	C0AE4	801834	17.05	762588	21.28	896080	24.19
20	C0AG8	843141	17.05	809371	21.28	946121	24.19
21	SLCS732	819936	17.05	764464	21.28	892502	24.19

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM111124 SAS No.: BM111124 SDG NO.: BM111124

EPA Sample No.: SSTD020043 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BM048514.D Time Analyzed: 01:36

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	625795	17.056	635401	21.286	748072	24.197
UPPER LIMIT	1251590	17.556	1270802	21.786	1496144	24.697
LOWER LIMIT	312897.5	16.556	317700.5	20.786	374036	23.697
EPA SAMPLE NO.						
22 SLCS728	841283	17.05	806464	21.28	913206	24.19
23 SBLK732	886612	17.05	854379	21.28	989871	24.19
24 SBLK730	954903	17.05	926380	21.28	1.0897e+0	24.19
25 C0AF3	920437	17.05	892196	21.27	1.05766e+	24.19
26 C0AF5	907503	17.05	881781	21.27	1.02298e+	24.19
27 C0AF7	933650	17.05	908129	21.28	1.06642e+	24.19
28 C0AG0	993267	17.05	948730	21.28	1.1242e+0	24.19
29 C0AG2	890983	17.05	860167	21.28	1.02104e+	24.19

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.: BM111124 SAS No.: BM111124 SDG NO.: BM111124

EPA Sample No.: SSTD020052 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BM048578.D Time Analyzed: 10:52

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	747626	17.057	722819	21.28	833206	24.191
UPPER LIMIT	1495252	17.557	1445638	21.78	1666412	24.691
LOWER LIMIT	373813	16.557	361409.5	20.78	416603	23.691
EPA SAMPLE NO.						
01 SBLK746	677038	17.06	652442	21.28	773102	24.19
02 GCP54	707619	17.06	634130	21.29	777033	24.19
03 GCP54DL	688301	17.06	681358	21.28	794113	24.19
04 CC0R6	760267	17.06	712060	21.29	838938	24.19
05 GCP52	727968	17.06	692356	21.28	782869	24.19
06 GCP52MS	687157	17.06	627721	21.28	719018	24.19
07 GCP52MSD	661761	17.06	609076	21.28	696541	24.19

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.: BM111124 SAS No.: BM111124 SDG NO.: BM111124

EPA Sample No.: SSTD020053 Date Analyzed: Nov 11 2024 12:00AM

Lab File ID: BM048586.D Time Analyzed: 16:25

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	750381	17.051	725872	21.28	847218	24.186
	UPPER LIMIT	1500762	17.551	1451744	21.78	1694436	24.686
	LOWER LIMIT	375190.5	16.551	362936	20.78	423609	23.686
	EPA SAMPLE NO.						
01	SBLK682	662191	17.06	644685	21.28	770811	24.19
02	SBLK728	788498	17.05	774928	21.28	921951	24.19
03	GCP52DL	718668	17.05	687140	21.28	796254	24.19
04	A4ED9	681807	17.06	688904	21.28	812531	24.19
05	GCP53	641180	17.05	643000	21.28	765132	24.19
06	SLCS746	676840	17.06	674008	21.28	766194	24.19
07	C0AH0	793676	17.05	775164	21.28	916123	24.19
08	C0AH3	784626	17.05	760857	21.28	891932	24.19
09	C0AH5	794720	17.05	778282	21.28	904817	24.19
10	C0AH7	809408	17.05	789255	21.28	916759	24.19
11	C0AE2	788957	17.05	753962	21.28	886542	24.19
12	C0AE4	801834	17.05	762588	21.28	896080	24.19
13	C0AG8	843141	17.05	809371	21.28	946121	24.19
14	SLCS732	819936	17.05	764464	21.28	892502	24.19
15	SLCS728	841283	17.05	806464	21.28	913206	24.19

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM111124 SAS No.: BM111124 SDG NO.: BM111124

EPA Sample No.: SSTD020053 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BM048586.D Time Analyzed: 01:36

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	750381	17.051	725872	21.28	847218	24.186
UPPER LIMIT	1500762	17.551	1451744	21.78	1694436	24.686
LOWER LIMIT	375190.5	16.551	362936	20.78	423609	23.686
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.: BM111124 SAS No.: BM111124 SDG NO.: BM111124

EPA Sample No.: SSTD020054 Date Analyzed: Nov 12 2024 12:00AM

Lab File ID: BM048602.D Time Analyzed: 03:35

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	879499	17.051	854566	21.28	974048	24.186
UPPER LIMIT	1758998	17.551	1709132	21.78	1948096	24.686
LOWER LIMIT	439749.5	16.551	427283	20.78	487024	23.686
EPA SAMPLE NO.						
01 SBLK732	886612	17.05	854379	21.28	989871	24.19
02 SBLK730	954903	17.05	926380	21.28	1.0897e+0	24.19
03 C0AF3	920437	17.05	892196	21.27	1.05766e+	24.19
04 C0AF5	907503	17.05	881781	21.27	1.02298e+	24.19
05 C0AF7	933650	17.05	908129	21.28	1.06642e+	24.19
06 C0AG0	993267	17.05	948730	21.28	1.1242e+0	24.19
07 C0AG2	890983	17.05	860167	21.28	1.02104e+	24.19

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.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB164728BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	4.2	ug/L	11				0	0	
	Pyridine	40	32	ug/L	80				0	0	
	Phenol	40	34	ug/L	85				0	0	
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0	
	2-Chlorophenol	40	34	ug/L	85				0	0	
	2-Methylphenol	40	34	ug/L	85				0	0	
	2,2-oxybis(1-Chloropropane)	40	32	ug/L	80				0	0	
	Acetophenone	40	34	ug/L	85				0	0	
	4-Methylphenol	40	34	ug/L	85				0	0	
	N-Nitroso-di-n-propylamine	40	34	ug/L	85				0	0	
	Hexachloroethane	40	32	ug/L	80				0	0	
	Nitrobenzene	40	33	ug/L	83				0	0	
	Isophorone	40	33	ug/L	83				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	31	ug/L	78				0	0	
	Bis(2-chloroethoxy)methane	40	33	ug/L	83				0	0	
	2,4-Dichlorophenol	40	34	ug/L	85				0	0	
	Naphthalene	40	32	ug/L	80				0	0	
	4-Chloroaniline	40	20	ug/L	50				0	0	
	Hexachlorobutadiene	40	31	ug/L	78				0	0	
	Caprolactam	40	34	ug/L	85				0	0	
	4-Chloro-3-methylphenol	40	35	ug/L	88				0	0	
	1-Methylnaphthalene	40	32	ug/L	80				0	0	
	2-Methylnaphthalene	40	33	ug/L	83				0	0	
	Hexachlorocyclopentadiene	40	26	ug/L	65				0	0	
	2,4,6-Trichlorophenol	40	33	ug/L	83				0	0	
	2,4,5-Trichlorophenol	40	34	ug/L	85				0	0	
	1,1'-Biphenyl	40	32	ug/L	80				0	0	
	2-Chloronaphthalene	40	32	ug/L	80				0	0	
	2-Nitroaniline	40	36	ug/L	90				0	0	
	Dimethylphthalate	40	33	ug/L	83				0	0	
	2,6-Dinitrotoluene	40	35	ug/L	88				0	0	
	Acenaphthylene	40	33	ug/L	83				0	0	
	3-Nitroaniline	40	35	ug/L	88				0	0	
	Acenaphthene	40	32	ug/L	80				0	0	
	2,4-Dinitrophenol	40	31	ug/L	78				0	0	
	4-Nitrophenol	40	35	ug/L	88				0	0	
	Dibenzofuran	40	32	ug/L	80				0	0	
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0	
	Diethylphthalate	40	33	ug/L	83				0	0	
	Fluorene	40	32	ug/L	80				0	0	
	4-Chlorophenyl-phenylether	40	32	ug/L	80				0	0	
	4-Nitroaniline	40	38	ug/L	95				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164728BS	4,6-Dinitro-2-methylphenol	40	33	ug/L	83				0	0		
	N-Nitrosodiphenylamine	40	32	ug/L	80				0	0		
	1,2,4,5-Tetrachlorobenzene	40	31	ug/L	78				0	0		
	4-Bromophenyl-phenylether	40	32	ug/L	80				0	0		
	Hexachlorobenzene	40	32	ug/L	80				0	0		
	Atrazine	40	31	ug/L	78				0	0		
	Pentachlorophenol	40	33	ug/L	83				0	0		
	Phenanthrene	40	32	ug/L	80				0	0		
	Pentachlorobenzene	40	30	ug/L	75				0	0		
	Anthracene	40	33	ug/L	83				0	0		
	1,2,3,4-Tetrachlorobenzene	40	30	ug/L	75				0	0		
	Carbazole	40	34	ug/L	85				0	0		
	Di-n-butylphthalate	40	34	ug/L	85				0	0		
	Fluoranthene	40	34	ug/L	85				0	0		
	Pyrene	40	34	ug/L	85				0	0		
	Butylbenzylphthalate	40	36	ug/L	90				0	0		
	3,3'-Dichlorobenzidine	40	34	ug/L	85				0	0		
	Benzo(a)anthracene	40	33	ug/L	83				0	0		
	Chrysene	40	33	ug/L	83				0	0		
	Bis(2-ethylhexyl)phthalate	40	35	ug/L	88				0	0		
	Di-n-octylphthalate	40	34	ug/L	85				0	0		
	Benzo(b)fluoranthene	40	35	ug/L	88				0	0		
	Benzo(k)fluoranthene	40	34	ug/L	85				0	0		
	Benzo(a)pyrene	40	34	ug/L	85				0	0		
	Indeno(1,2,3-cd)pyrene	40	33	ug/L	83				0	0		
	Dibenzo(a,h)anthracene	40	33	ug/L	83				0	0		
	Benzo(g,h,i)perylene	40	33	ug/L	83				0	0		
	2,3,4,6-Tetrachlorophenol	40	35	ug/L	88				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164732BS	1,4-Dioxane	16		ug/L	0				0	0		
	Benzaldehyde	40		ug/L	0				0	0		
	Pyridine	40		ug/L	0				0	0		
	Phenol	40		ug/L	0				0	0		
	Bis(2-chloroethyl)ether	40		ug/L	0				0	0		
	2-Chlorophenol	40		ug/L	0				0	0		
	2-Methylphenol	40		ug/L	0				0	0		
	2,2-oxybis(1-Chloropropane)	40		ug/L	0				0	0		
	Acetophenone	40		ug/L	0				0	0		
	4-Methylphenol	40		ug/L	0				0	0		
	N-Nitroso-di-n-propylamine	40		ug/L	0				0	0		
	Hexachloroethane	40		ug/L	0				0	0		
	Nitrobenzene	40		ug/L	0				0	0		
	Isophorone	40		ug/L	0				0	0		
	2-Nitrophenol	40		ug/L	0				0	0		
	2,4-Dimethylphenol	40		ug/L	0				0	0		
	Bis(2-chloroethoxy)methane	40		ug/L	0				0	0		
	2,4-Dichlorophenol	40		ug/L	0				0	0		
	Naphthalene	40		ug/L	0				0	0		
	4-Chloroaniline	40		ug/L	0				0	0		
	Hexachlorobutadiene	40		ug/L	0				0	0		
	Caprolactam	40		ug/L	0				0	0		
	4-Chloro-3-methylphenol	40		ug/L	0				0	0		
	1-Methylnaphthalene	40		ug/L	0				0	0		
	2-Methylnaphthalene	40		ug/L	0				0	0		
	Hexachlorocyclopentadiene	40		ug/L	0				0	0		
	2,4,6-Trichlorophenol	40		ug/L	0				0	0		
	2,4,5-Trichlorophenol	40		ug/L	0				0	0		
	1,1'-Biphenyl	40		ug/L	0				0	0		
	2-Chloronaphthalene	40		ug/L	0				0	0		
	2-Nitroaniline	40		ug/L	0				0	0		
	Dimethylphthalate	40		ug/L	0				0	0		
	2,6-Dinitrotoluene	40		ug/L	0				0	0		
	Acenaphthylene	40		ug/L	0				0	0		
	3-Nitroaniline	40		ug/L	0				0	0		
	Acenaphthene	40		ug/L	0				0	0		
	2,4-Dinitrophenol	40		ug/L	0				0	0		
	4-Nitrophenol	40		ug/L	0				0	0		
	Dibenzofuran	40		ug/L	0				0	0		
	2,4-Dinitrotoluene	40		ug/L	0				0	0		
	Diethylphthalate	40		ug/L	0				0	0		
	Fluorene	40		ug/L	0				0	0		
	4-Chlorophenyl-phenylether	40		ug/L	0				0	0		
	4-Nitroaniline	40		ug/L	0				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164732BS	4,6-Dinitro-2-methylphenol	40		ug/L	0				0	0		
	N-Nitrosodiphenylamine	40		ug/L	0				0	0		
	1,2,4,5-Tetrachlorobenzene	40		ug/L	0				0	0		
	4-Bromophenyl-phenylether	40		ug/L	0				0	0		
	Hexachlorobenzene	40		ug/L	0				0	0		
	Atrazine	40		ug/L	0				0	0		
	Pentachlorophenol	40		ug/L	0				0	0		
	Phenanthrene	40		ug/L	0				0	0		
	Pentachlorobenzene	40		ug/L	0				0	0		
	Anthracene	40		ug/L	0				0	0		
	1,2,3,4-Tetrachlorobenzene	40		ug/L	0				0	0		
	Carbazole	40		ug/L	0				0	0		
	Di-n-butylphthalate	40		ug/L	0				0	0		
	Fluoranthene	40		ug/L	0				0	0		
	Pyrene	40		ug/L	0				0	0		
	Butylbenzylphthalate	40		ug/L	0				0	0		
	3,3'-Dichlorobenzidine	40		ug/L	0				0	0		
	Benzo(a)anthracene	40		ug/L	0				0	0		
	Chrysene	40		ug/L	0				0	0		
	Bis(2-ethylhexyl)phthalate	40		ug/L	0				0	0		
	Di-n-octylphthalate	40		ug/L	0				0	0		
	Benzo(b)fluoranthene	40		ug/L	0				0	0		
	Benzo(k)fluoranthene	40		ug/L	0				0	0		
	Benzo(a)pyrene	40		ug/L	0				0	0		
	Indeno(1,2,3-cd)pyrene	40		ug/L	0				0	0		
	Dibenzo(a,h)anthracene	40		ug/L	0				0	0		
	Benzo(g,h,i)perylene	40		ug/L	0				0	0		
	2,3,4,6-Tetrachlorophenol	40		ug/L	0				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164746BS	1,4-Dioxane	530	370	ug/Kg	70				0	0		
	Benzaldehyde	1300	130	ug/Kg	10				0	0		
	Pyridine	1300	990	ug/Kg	76				0	0		
	Phenol	1300	1100	ug/Kg	85				0	0		
	Bis(2-chloroethyl)ether	1300	990	ug/Kg	76				0	0		
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0		
	2-Methylphenol	1300	1000	ug/Kg	77				0	0		
	2,2-oxybis(1-Chloropropane)	1300	980	ug/Kg	75				0	0		
	Acetophenone	1300	1000	ug/Kg	77				0	0		
	4-Methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitroso-di-n-propylamine	1300	1000	ug/Kg	77				0	0		
	Hexachloroethane	1300	990	ug/Kg	76				0	0		
	Nitrobenzene	1300	1000	ug/Kg	77				0	0		
	Isophorone	1300	1000	ug/Kg	77				0	0		
	2-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	2,4-Dimethylphenol	1300	970	ug/Kg	75				0	0		
	Bis(2-chloroethoxy)methane	1300	1000	ug/Kg	77				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	1000	ug/Kg	77				0	0		
	4-Chloroaniline	1300	620	ug/Kg	48				0	0		
	Hexachlorobutadiene	1300	1000	ug/Kg	77				0	0		
	Caprolactam	1300	1000	ug/Kg	77				0	0		
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	1-Methylnaphthalene	1300	990	ug/Kg	76				0	0		
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	Hexachlorocyclopentadiene	1300	790	ug/Kg	61				0	0		
	2,4,6-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0		
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	1000	ug/Kg	77				0	0		
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Acenaphthene	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrophenol	1300	930	ug/Kg	72				0	0		
	4-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	Dibenzofuran	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluorene	1300	1000	ug/Kg	77				0	0		
	4-Chlorophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	4-Nitroaniline	1300	1200	ug/Kg	92				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164746BS	4,6-Dinitro-2-methylphenol	1300	960	ug/Kg	74				0	0		
	N-Nitrosodiphenylamine	1300	1000	ug/Kg	77				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	4-Bromophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	Hexachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Atrazine	1300	960	ug/Kg	74				0	0		
	Pentachlorophenol	1300	1100	ug/Kg	85				0	0		
	Phenanthrene	1300	1000	ug/Kg	77				0	0		
	Pentachlorobenzene	1300	950	ug/Kg	73				0	0		
	Anthracene	1300	1000	ug/Kg	77				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	950	ug/Kg	73				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	1100	ug/Kg	85				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	1000	ug/Kg	77				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	1000	ug/Kg	77				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0		
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(a)pyrene	1300	1100	ug/Kg	85				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0		
	Dibenzo(a,h)anthracene	1300	1000	ug/Kg	77				0	0		
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1100	ug/Kg	85				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK682

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111124

SAS No.: BM111124 SDG NO.: BM111124

Lab File ID: BM048587.D

Lab Sample ID: PB164682BL

Instrument ID: BNA_M

Date Extracted: 11/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 16:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4ED9	P4585-05	BM048590.D	11/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK728

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111124

SAS No.: BM111124 SDG NO.: BM111124

Lab File ID: BM048588.D

Lab Sample ID: PB164728BL

Instrument ID: BNA_M

Date Extracted: 11/05/2024

Matrix: (soil/water) Water

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 17:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AE2	P4668-06	BM048597.D	11/11/2024
C0AE4	P4668-07	BM048598.D	11/11/2024
PB164728BS	PB164728BS	BM048601.D	11/12/2024
C0AF3	P4714-02	BM048605.D	11/12/2024
C0AF5	P4714-03	BM048606.D	11/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK730

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111124

SAS No.: BM111124 SDG NO.: BM111124

Lab File ID: BM048604.D

Lab Sample ID: PB164730BL

Instrument ID: BNA_M

Date Extracted: 11/05/2024

Matrix: (soil/water) Water

Date Analyzed: 11/12/2024

Level: (low/med) LOW

Time Analyzed: 04:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AF7	P4714-04	BM048607.D	11/12/2024
C0AG0	P4714-05	BM048608.D	11/12/2024
C0AG2	P4714-06	BM048609.D	11/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK732

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111124

SAS No.: BM111124 SDG NO.: BM111124

Lab File ID: BM048603.D

Lab Sample ID: PB164732BL

Instrument ID: BNA_M

Date Extracted: 11/05/2024

Matrix: (soil/water) Water

Date Analyzed: 11/12/2024

Level: (low/med) LOW

Time Analyzed: 03:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AH5	P4714-13	BM048595.D	11/11/2024
C0AH7	P4714-14	BM048596.D	11/11/2024
PB164732BS	PB164732BS	BM048600.D	11/12/2024
C0AG8	P4714-09	BM048599.D	11/12/2024
C0AH0	P4714-10	BM048593.D	11/11/2024
C0AH3	P4714-12	BM048594.D	11/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK746

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM111124

SAS No.: BM111124 SDG NO.: BM111124

Lab File ID: BM048579.D

Lab Sample ID: PB164746BL

Instrument ID: BNA_M

Date Extracted: 11/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/11/2024

Level: (low/med) LOW

Time Analyzed: 10:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GCP54	P4686-05	BM048580.D	11/11/2024
CC0R6	P4637-01	BM048582.D	11/11/2024
GCP52	P4686-01	BM048583.D	11/11/2024
GCP52MS	P4686-02MS	BM048584.D	11/11/2024
GCP52MSD	P4686-03MSD	BM048585.D	11/11/2024
GCP53	P4686-04	BM048591.D	11/11/2024
PB164746BS	PB164746BS	BM048592.D	11/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4686-02MS	Client Sample ID:	GCP52MS				DataFile:	BM048584.D			
1,4-Dioxane	630		600	ug/Kg	95				15	120	
Benzaldehyde	1600		220	ug/Kg	14				0	0	
Pyridine	1600		1600	ug/Kg	100				0	0	
Phenol	1600	46	1800	ug/Kg	110	*			26	90	
Bis(2-chloroethyl)ether	1600		1700	ug/Kg	106				0	0	
2-Chlorophenol	1600		1700	ug/Kg	106	*			25	102	
2-Methylphenol	1600		1800	ug/Kg	113				0	0	
2,2-oxybis(1-Chloropropane)	1600		1600	ug/Kg	100				0	0	
Acetophenone	1600		1700	ug/Kg	106				0	0	
4-Methylphenol	1600		1800	ug/Kg	113				0	0	
N-Nitroso-di-n-propylamine	1600		1700	ug/Kg	106				41	126	
Hexachloroethane	1600		1700	ug/Kg	106				0	0	
Nitrobenzene	1600		1700	ug/Kg	106				0	0	
Isophorone	1600		1700	ug/Kg	106				0	0	
2-Nitrophenol	1600		1800	ug/Kg	113				0	0	
2,4-Dimethylphenol	1600		1700	ug/Kg	106				0	0	
Bis(2-chloroethoxy)methane	1600		1800	ug/Kg	113				0	0	
2,4-Dichlorophenol	1600		1800	ug/Kg	113				0	0	
Naphthalene	1600		1700	ug/Kg	106				0	0	
4-Chloroaniline	1600		1100	ug/Kg	69				0	0	
Hexachlorobutadiene	1600		1700	ug/Kg	106				0	0	
Caprolactam	1600		1800	ug/Kg	113				0	0	
4-Chloro-3-methylphenol	1600		1800	ug/Kg	113	*			26	103	
1-Methylnaphthalene	1600		1700	ug/Kg	106				0	0	
2-Methylnaphthalene	1600		1800	ug/Kg	113				0	0	
Hexachlorocyclopentadiene	1600		1500	ug/Kg	94				0	0	
2,4,6-Trichlorophenol	1600		1800	ug/Kg	113				0	0	
2,4,5-Trichlorophenol	1600		1800	ug/Kg	113				0	0	
1,1'-Biphenyl	1600		1700	ug/Kg	106				0	0	
2-Chloronaphthalene	1600		1700	ug/Kg	106				0	0	
2-Nitroaniline	1600		1900	ug/Kg	119				0	0	
Dimethylphthalate	1600		1700	ug/Kg	106				0	0	
2,6-Dinitrotoluene	1600		1900	ug/Kg	119				0	0	
Acenaphthylene	1600		1700	ug/Kg	106				0	0	
3-Nitroaniline	1600		1800	ug/Kg	113				0	0	
Acenaphthene	1600		1700	ug/Kg	106				31	137	
2,4-Dinitrophenol	1600		1900	ug/Kg	119				0	0	
4-Nitrophenol	1600		1800	ug/Kg	113				11	114	
Dibenzofuran	1600		1700	ug/Kg	106				0	0	
2,4-Dinitrotoluene	1600		1900	ug/Kg	119	*			28	89	
Diethylphthalate	1600		1800	ug/Kg	113				0	0	
Fluorene	1600		1700	ug/Kg	106				0	0	
4-Chlorophenyl-phenylether	1600		1700	ug/Kg	106				0	0	
4-Nitroaniline	1600		2000	ug/Kg	125				0	0	
4,6-Dinitro-2-methylphenol	1600		1800	ug/Kg	113				0	0	
N-Nitrosodiphenylamine	1600		1700	ug/Kg	106				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1600		1700	ug/Kg	106				0	0	
4-Bromophenyl-phenylether	1600		1700	ug/Kg	106				0	0	
Hexachlorobenzene	1600		1700	ug/Kg	106				0	0	
Atrazine	1600		1700	ug/Kg	106				0	0	
Pentachlorophenol	1600	7100	10000	ug/Kg	181	*			17	109	
Phenanthrene	1600		1700	ug/Kg	106				0	0	
Pentachlorobenzene	1600		1600	ug/Kg	100				0	0	
Anthracene	1600		1700	ug/Kg	106				0	0	
1,2,3,4-Tetrachlorobenzene	1600		1700	ug/Kg	106				0	0	
Carbazole	1600		1800	ug/Kg	113				0	0	
Di-n-butylphthalate	1600		1900	ug/Kg	119				0	0	
Fluoranthene	1600		1900	ug/Kg	119				0	0	
Pyrene	1600		1800	ug/Kg	113				35	142	
Butylbenzylphthalate	1600		2100	ug/Kg	131				0	0	
3,3'-Dichlorobenzidine	1600		1200	ug/Kg	75				0	0	
Benzo(a)anthracene	1600		1800	ug/Kg	113				0	0	
Chrysene	1600		1700	ug/Kg	106				0	0	
Bis(2-ethylhexyl)phthalate	1600		2000	ug/Kg	125				0	0	
Di-n-octylphthalate	1600		1900	ug/Kg	119				0	0	
Benzo(b)fluoranthene	1600		1800	ug/Kg	113				0	0	
Benzo(k)fluoranthene	1600		1800	ug/Kg	113				0	0	
Benzo(a)pyrene	1600		1800	ug/Kg	113				0	0	
Indeno(1,2,3-cd)pyrene	1600		1700	ug/Kg	106				0	0	
Dibenzo(a,h)anthracene	1600		1700	ug/Kg	106				0	0	
Benzo(g,h,i)perylene	1600		1700	ug/Kg	106				0	0	
2,3,4,6-Tetrachlorophenol	1600	80	1900	ug/Kg	114				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4686-03MSD	Client Sample ID:	GCP52MSD					DataFile:	BM048585.D		
1,4-Dioxane	630		590	ug/Kg	94		1		15	120	50
Benzaldehyde	1600		220	ug/Kg	14		0		0	0	0
Pyridine	1600		1500	ug/Kg	94		6	*	0	0	0
Phenol	1600	46	1800	ug/Kg	110	*	0		26	90	35
Bis(2-chloroethyl)ether	1600		1700	ug/Kg	106		0		0	0	0
2-Chlorophenol	1600		1700	ug/Kg	106	*	0		25	102	50
2-Methylphenol	1600		1700	ug/Kg	106		6	*	0	0	0
2,2-oxybis(1-Chloropropane)	1600		1600	ug/Kg	100		0		0	0	0
Acetophenone	1600		1700	ug/Kg	106		0		0	0	0
4-Methylphenol	1600		1700	ug/Kg	106		6	*	0	0	0
N-Nitroso-di-n-propylamine	1600		1700	ug/Kg	106		0		41	126	38
Hexachloroethane	1600		1700	ug/Kg	106		0		0	0	0
Nitrobenzene	1600		1700	ug/Kg	106		0		0	0	0
Isophorone	1600		1700	ug/Kg	106		0		0	0	0
2-Nitrophenol	1600		1800	ug/Kg	113		0		0	0	0
2,4-Dimethylphenol	1600		1700	ug/Kg	106		0		0	0	0
Bis(2-chloroethoxy)methane	1600		1700	ug/Kg	106		6	*	0	0	0
2,4-Dichlorophenol	1600		1800	ug/Kg	113		0		0	0	0
Naphthalene	1600		1700	ug/Kg	106		0		0	0	0
4-Chloroaniline	1600		1100	ug/Kg	69		0		0	0	0
Hexachlorobutadiene	1600		1700	ug/Kg	106		0		0	0	0
Caprolactam	1600		1900	ug/Kg	119		5	*	0	0	0
4-Chloro-3-methylphenol	1600		1800	ug/Kg	113	*	0		26	103	33
1-Methylnaphthalene	1600		1700	ug/Kg	106		0		0	0	0
2-Methylnaphthalene	1600		1800	ug/Kg	113		0		0	0	0
Hexachlorocyclopentadiene	1600		1500	ug/Kg	94		0		0	0	0
2,4,6-Trichlorophenol	1600		1800	ug/Kg	113		0		0	0	0
2,4,5-Trichlorophenol	1600		1800	ug/Kg	113		0		0	0	0
1,1'-Biphenyl	1600		1700	ug/Kg	106		0		0	0	0
2-Chloronaphthalene	1600		1700	ug/Kg	106		0		0	0	0
2-Nitroaniline	1600		1900	ug/Kg	119		0		0	0	0
Dimethylphthalate	1600		1700	ug/Kg	106		0		0	0	0
2,6-Dinitrotoluene	1600		1900	ug/Kg	119		0		0	0	0
Acenaphthylene	1600		1700	ug/Kg	106		0		0	0	0
3-Nitroaniline	1600		1800	ug/Kg	113		0		0	0	0
Acenaphthene	1600		1700	ug/Kg	106		0		31	137	19
2,4-Dinitrophenol	1600		1900	ug/Kg	119		0		0	0	0
4-Nitrophenol	1600		1700	ug/Kg	106		6		11	114	50
Dibenzofuran	1600		1700	ug/Kg	106		0		0	0	0
2,4-Dinitrotoluene	1600		1900	ug/Kg	119	*	0		28	89	47
Diethylphthalate	1600		1800	ug/Kg	113		0		0	0	0
Fluorene	1600		1700	ug/Kg	106		0		0	0	0
4-Chlorophenyl-phenylether	1600		1700	ug/Kg	106		0		0	0	0
4-Nitroaniline	1600		1900	ug/Kg	119		5	*	0	0	0
4,6-Dinitro-2-methylphenol	1600		1900	ug/Kg	119		5	*	0	0	0
N-Nitrosodiphenylamine	1600		1800	ug/Kg	113		6	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1600		1700	ug/Kg	106		0		0	0	0
4-Bromophenyl-phenylether	1600		1800	ug/Kg	113		6	*	0	0	0
Hexachlorobenzene	1600		1700	ug/Kg	106		0		0	0	0
Atrazine	1600		1700	ug/Kg	106		0		0	0	0
Pentachlorophenol	1600	7100	10000	ug/Kg	181	*	0		17	109	47
Phenanthrene	1600		1700	ug/Kg	106		0		0	0	0
Pentachlorobenzene	1600		1700	ug/Kg	106		6	*	0	0	0
Anthracene	1600		1700	ug/Kg	106		0		0	0	0
1,2,3,4-Tetrachlorobenzene	1600		1700	ug/Kg	106		0		0	0	0
Carbazole	1600		1800	ug/Kg	113		0		0	0	0
Di-n-butylphthalate	1600		1900	ug/Kg	119		0		0	0	0
Fluoranthene	1600		1900	ug/Kg	119		0		0	0	0
Pyrene	1600		1800	ug/Kg	113		0		35	142	36
Butylbenzylphthalate	1600		2100	ug/Kg	131		0		0	0	0
3,3'-Dichlorobenzidine	1600		1200	ug/Kg	75		0		0	0	0
Benzo(a)anthracene	1600		1800	ug/Kg	113		0		0	0	0
Chrysene	1600		1700	ug/Kg	106		0		0	0	0
Bis(2-ethylhexyl)phthalate	1600		2000	ug/Kg	125		0		0	0	0
Di-n-octylphthalate	1600		1900	ug/Kg	119		0		0	0	0
Benzo(b)fluoranthene	1600		1800	ug/Kg	113		0		0	0	0
Benzo(k)fluoranthene	1600		1800	ug/Kg	113		0		0	0	0
Benzo(a)pyrene	1600		1800	ug/Kg	113		0		0	0	0
Indeno(1,2,3-cd)pyrene	1600		1800	ug/Kg	113		6	*	0	0	0
Dibenzo(a,h)anthracene	1600		1800	ug/Kg	113		6	*	0	0	0
Benzo(g,h,i)perylene	1600		1700	ug/Kg	106		0		0	0	0
2,3,4,6-Tetrachlorophenol	1600	80	1900	ug/Kg	114		0		0	0	0

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4585-05	A4ED9	BM048590.D	1,4-Dioxane-d8	8	0.88	11	*	15	120
			Pyridine-d5	40	1.72	4	*	20	120
			Phenol-d5	40	7.10	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.42	19		10	150
			2-Chlorophenol-d4	40	7.66	19		15	120
			4-Methylphenol-d8	40	6.09	15		10	140
			Nitrobenzene-d5	40	6.79	17		10	135
			2-Nitrophenol-d4	40	6.82	17		10	120
			2,4-Dichlorophenol-d3	40	7.11	18		10	140
			4-Chloroaniline-d4	40	5.42	14		1	145
			Dimethylphthalate-d6	40	8.83	22		10	145
			Acenaphthylene-d8	40	8.17	20		15	120
			4-Nitrophenol-d4	40	4.01	10		10	150
			Fluorene-d10	40	8.87	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.40	8	*	10	130
			Anthracene-d10	40	8.32	21		10	150
			Pyrene-d10	40	8.10	20		10	130
			Benzo(a)pyrene-d12	40	6.71	17		10	140
PB164682BL	PB164682BL	BM048587.D	1,4-Dioxane-d8	8	5.56	69		15	120
			Pyridine-d5	40	26.80	67		20	120
			Phenol-d5	40	28.31	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.55	69		10	150
			2-Chlorophenol-d4	40	29.50	74		15	120
			4-Methylphenol-d8	40	27.68	69		10	140
			Nitrobenzene-d5	40	29.54	74		10	135
			2-Nitrophenol-d4	40	29.59	74		10	120
			2,4-Dichlorophenol-d3	40	26.56	66		10	140
			4-Chloroaniline-d4	40	27.83	70		1	145
			Dimethylphthalate-d6	40	30.25	76		10	145
			Acenaphthylene-d8	40	30.52	76		15	120
			4-Nitrophenol-d4	40	22.96	57		10	150
			Fluorene-d10	40	30.70	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.46	51		10	130
			Anthracene-d10	40	30.64	77		10	150
			Pyrene-d10	40	31.66	79		10	130
			Benzo(a)pyrene-d12	40	31.09	78		10	140

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4668-06	C0AE2	BM048597.D	1,4-Dioxane-d8	8	4.47	56		15	120
			Pyridine-d5	40	10.17	25		20	120
			Phenol-d5	40	7.87	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.37	76		25	120
			2-Chlorophenol-d4	40	28.32	71		20	130
			4-Methylphenol-d8	40	19.40	49		25	125
			Nitrobenzene-d5	40	31.95	80		20	125
			2-Nitrophenol-d4	40	32.41	81		20	130
			2,4-Dichlorophenol-d3	40	29.66	74		20	120
			4-Chloroaniline-d4	40	26.17	65		1	146
			Dimethylphthalate-d6	40	33.16	83		25	130
			Acenaphthylene-d8	40	32.51	81		10	130
			4-Nitrophenol-d4	40	4.24	11		10	150
			Fluorene-d10	40	33.27	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.32	53		10	130
			Anthracene-d10	40	33.52	84		25	130
			Pyrene-d10	40	35.93	90		15	130
			Benzo(a)pyrene-d12	40	34.12	85		20	130
P4668-07	C0AE4	BM048598.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Pyridine-d5	40	4.77	12	*	20	120
			Phenol-d5	40	8.64	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.48	76		25	120
			2-Chlorophenol-d4	40	26.14	65		20	130
			4-Methylphenol-d8	40	20.94	52		25	125
			Nitrobenzene-d5	40	31.86	80		20	125
			2-Nitrophenol-d4	40	32.37	81		20	130
			2,4-Dichlorophenol-d3	40	28.12	70		20	120
			4-Chloroaniline-d4	40	14.07	35		1	146
			Dimethylphthalate-d6	40	34.91	87		25	130
			Acenaphthylene-d8	40	32.62	82		10	130
			4-Nitrophenol-d4	40	3.64	9	*	10	150
			Fluorene-d10	40	34.86	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.94	62		10	130
			Anthracene-d10	40	35.74	89		25	130
			Pyrene-d10	40	38.41	96		15	130
			Benzo(a)pyrene-d12	40	36.62	92		20	130
P4714-02	C0AF3	BM048605.D	1,4-Dioxane-d8	8	4.57	57		15	120
			Pyridine-d5	40	8.13	20		20	120
			Phenol-d5	40	7.06	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.36	63		25	120
			2-Chlorophenol-d4	40	23.96	60		20	130
			4-Methylphenol-d8	40	17.04	43		25	125
			Nitrobenzene-d5	40	26.21	66		20	125
			2-Nitrophenol-d4	40	26.35	66		20	130
			2,4-Dichlorophenol-d3	40	25.69	64		20	120
			4-Chloroaniline-d4	40	24.72	62		1	146
			Dimethylphthalate-d6	40	29.55	74		25	130
			Acenaphthylene-d8	40	27.14	68		10	130
			4-Nitrophenol-d4	40	5.21	13		10	150

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4714-02	C0AF3	BM048605.D	Fluorene-d10	40	30.27	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.69	64		10	130
			Anthracene-d10	40	34.90	87		25	130
			Pyrene-d10	40	37.02	93		15	130
			Benzo(a)pyrene-d12	40	35.72	89		20	130
P4714-03	C0AF5	BM048606.D	1,4-Dioxane-d8	8	4.71	59		15	120
			Pyridine-d5	40	6.46	16	*	20	120
			Phenol-d5	40	15.04	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.34	83		25	120
			2-Chlorophenol-d4	40	33.51	84		20	130
			4-Methylphenol-d8	40	26.89	67		25	125
			Nitrobenzene-d5	40	35.20	88		20	125
			2-Nitrophenol-d4	40	35.93	90		20	130
			2,4-Dichlorophenol-d3	40	34.99	87		20	120
			4-Chloroaniline-d4	40	8.40	21		1	146
			Dimethylphthalate-d6	40	38.15	95		25	130
			Acenaphthylene-d8	40	34.27	86		10	130
			4-Nitrophenol-d4	40	13.27	33		10	150
			Fluorene-d10	40	36.99	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.80	92		10	130
			Anthracene-d10	40	39.74	99		25	130
			Pyrene-d10	40	41.24	103		15	130
			Benzo(a)pyrene-d12	40	40.55	101		20	130
			Pyridine-d5	40	25.97	65		20	120
			1,4-Dioxane-d8	8	5.61	70		15	120
PB164728BL	PB164728BL	BM048588.D	Phenol-d5	40	26.73	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.67	67		25	120
			2-Chlorophenol-d4	40	28.18	70		20	130
			4-Methylphenol-d8	40	27.15	68		25	125
			Nitrobenzene-d5	40	27.60	69		20	125
			2-Nitrophenol-d4	40	28.86	72		20	130
			2,4-Dichlorophenol-d3	40	25.26	63		20	120
			4-Chloroaniline-d4	40	25.15	63		1	146
			Dimethylphthalate-d6	40	29.16	73		25	130
			Acenaphthylene-d8	40	28.98	72		10	130
			4-Nitrophenol-d4	40	21.41	54		10	150
			Fluorene-d10	40	29.40	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.21	53		10	130
			Anthracene-d10	40	30.00	75		25	130
			Pyrene-d10	40	30.97	77		15	130
			Benzo(a)pyrene-d12	40	30.50	76		20	130
			1,4-Dioxane-d8	8	6.18	77		15	120
			Pyridine-d5	40	31.62	79		20	120
			Phenol-d5	40	34.77	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.34	81		25	120
PB164728BS	PB164728BS	BM048601.D	2-Chlorophenol-d4	40	35.57	89		20	130
			4-Methylphenol-d8	40	34.44	86		25	125
			Nitrobenzene-d5	40	33.83	85		20	125
			2-Nitrophenol-d4	40	34.82	87		20	130

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164728BS	PB164728BS	BM048601.D	2,4-Dichlorophenol-d3	40	34.81	87		20	120
			4-Chloroaniline-d4	40	30.43	76		1	146
			Dimethylphthalate-d6	40	32.88	82		25	130
			Acenaphthylene-d8	40	33.52	84		10	130
			4-Nitrophenol-d4	40	34.84	87		10	150
			Fluorene-d10	40	33.40	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.91	82		10	130
			Anthracene-d10	40	33.17	83		25	130
			Pyrene-d10	40	34.55	86		15	130
			Benzo(a)pyrene-d12	40	34.21	86		20	130

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4714-04	C0AF7	BM048607.D	1,4-Dioxane-d8	8	4.06	51		15	120
			Pyridine-d5	40	9.85	25		20	120
			Phenol-d5	40	8.63	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.61	82		25	120
			2-Chlorophenol-d4	40	30.27	76		20	130
			4-Methylphenol-d8	40	20.61	52		25	125
			Nitrobenzene-d5	40	34.54	86		20	125
			2-Nitrophenol-d4	40	35.91	90		20	130
			2,4-Dichlorophenol-d3	40	32.81	82		20	120
			4-Chloroaniline-d4	40	30.60	76		1	146
			Dimethylphthalate-d6	40	39.41	99		25	130
			Acenaphthylene-d8	40	35.21	88		10	130
			4-Nitrophenol-d4	40	6.00	15		10	150
			Fluorene-d10	40	39.28	98		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.68	82		10	130
			Anthracene-d10	40	42.86	107		25	130
			Pyrene-d10	40	44.53	111		15	130
			Benzo(a)pyrene-d12	40	43.83	110		20	130
P4714-05	C0AG0	BM048608.D	1,4-Dioxane-d8	8	4.58	57		15	120
			Pyridine-d5	40	6.22	16	*	20	120
			Phenol-d5	40	8.93	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.03	83		25	120
			2-Chlorophenol-d4	40	30.41	76		20	130
			4-Methylphenol-d8	40	20.90	52		25	125
			Nitrobenzene-d5	40	34.28	86		20	125
			2-Nitrophenol-d4	40	36.02	90		20	130
			2,4-Dichlorophenol-d3	40	31.59	79		20	120
			4-Chloroaniline-d4	40	27.13	68		1	146
			Dimethylphthalate-d6	40	36.65	92		25	130
			Acenaphthylene-d8	40	34.00	85		10	130
			4-Nitrophenol-d4	40	5.48	14		10	150
			Fluorene-d10	40	36.46	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.87	77		10	130
			Anthracene-d10	40	39.12	98		25	130
			Pyrene-d10	40	40.96	102		15	130
			Benzo(a)pyrene-d12	40	39.47	99		20	130
P4714-06	C0AG2	BM048609.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Pyridine-d5	40	9.65	24		20	120
			Phenol-d5	40	8.24	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.89	80		25	120
			2-Chlorophenol-d4	40	29.04	73		20	130
			4-Methylphenol-d8	40	20.07	50		25	125
			Nitrobenzene-d5	40	33.59	84		20	125
			2-Nitrophenol-d4	40	34.15	85		20	130
			2,4-Dichlorophenol-d3	40	31.63	79		20	120
			4-Chloroaniline-d4	40	28.89	72		1	146
			Dimethylphthalate-d6	40	37.04	93		25	130
			Acenaphthylene-d8	40	34.36	86		10	130
			4-Nitrophenol-d4	40	5.59	14		10	150

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4714-06	C0AG2	BM048609.D	Fluorene-d10	40	37.45	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.77	79		10	130
			Anthracene-d10	40	40.68	102		25	130
			Pyrene-d10	40	42.64	107		15	130
			Benzo(a)pyrene-d12	40	41.69	104		20	130
PB164730BL	PB164730BL	BM048604.D	Pyridine-d5	40	27.94	70		20	120
			1,4-Dioxane-d8	8	5.52	69		15	120
			Phenol-d5	40	29.18	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.03	73		25	120
			2-Chlorophenol-d4	40	30.32	76		20	130
			4-Methylphenol-d8	40	29.06	73		25	125
			Nitrobenzene-d5	40	30.23	76		20	125
			2-Nitrophenol-d4	40	30.32	76		20	130
			2,4-Dichlorophenol-d3	40	27.41	69		20	120
			4-Chloroaniline-d4	40	29.18	73		1	146
			Dimethylphthalate-d6	40	30.60	76		25	130
			Acenaphthylene-d8	40	30.65	77		10	130
			4-Nitrophenol-d4	40	22.53	56		10	150
			Fluorene-d10	40	30.65	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.79	54		10	130
			Anthracene-d10	40	31.23	78		25	130
			Pyrene-d10	40	31.96	80		15	130
			Benzo(a)pyrene-d12	40	31.21	78		20	130

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4714-09	C0AG8	BM048599.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Pyridine-d5	40	3.86	10	*	20	120
			Phenol-d5	40	7.10	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.77	74		25	120
			2-Chlorophenol-d4	40	26.82	67		20	130
			4-Methylphenol-d8	40	17.74	44		25	125
			Nitrobenzene-d5	40	30.64	77		20	125
			2-Nitrophenol-d4	40	30.66	77		20	130
			2,4-Dichlorophenol-d3	40	28.12	70		20	120
			4-Chloroaniline-d4	40	18.02	45		1	146
			Dimethylphthalate-d6	40	36.19	90		25	130
			Acenaphthylene-d8	40	31.64	79		10	130
			4-Nitrophenol-d4	40	5.32	13		10	150
			Fluorene-d10	40	35.43	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.22	78		10	130
			Anthracene-d10	40	39.10	98		25	130
			Pyrene-d10	40	41.97	105		15	130
			Benzo(a)pyrene-d12	40	40.24	101		20	130
P4714-10	C0AH0	BM048593.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Pyridine-d5	40	8.43	21		20	120
			Phenol-d5	40	6.89	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.37	63		25	120
			2-Chlorophenol-d4	40	23.88	60		20	130
			4-Methylphenol-d8	40	16.77	42		25	125
			Nitrobenzene-d5	40	26.13	65		20	125
			2-Nitrophenol-d4	40	26.52	66		20	130
			2,4-Dichlorophenol-d3	40	24.69	62		20	120
			4-Chloroaniline-d4	40	26.82	67		1	146
			Dimethylphthalate-d6	40	29.88	75		25	130
			Acenaphthylene-d8	40	27.34	68		10	130
			4-Nitrophenol-d4	40	5.00	12		10	150
			Fluorene-d10	40	30.28	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.36	58		10	130
			Anthracene-d10	40	32.74	82		25	130
			Pyrene-d10	40	34.63	87		15	130
			Benzo(a)pyrene-d12	40	33.41	84		20	130
P4714-12	C0AH3	BM048594.D	1,4-Dioxane-d8	8	4.06	51		15	120
			Pyridine-d5	40	9.56	24		20	120
			Phenol-d5	40	7.96	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.33	71		25	120
			2-Chlorophenol-d4	40	27.25	68		20	130
			4-Methylphenol-d8	40	18.83	47		25	125
			Nitrobenzene-d5	40	29.63	74		20	125
			2-Nitrophenol-d4	40	30.27	76		20	130
			2,4-Dichlorophenol-d3	40	27.59	69		20	120
			4-Chloroaniline-d4	40	30.35	76		1	146
			Dimethylphthalate-d6	40	34.99	87		25	130
			Acenaphthylene-d8	40	31.13	78		10	130
			4-Nitrophenol-d4	40	5.85	15		10	150

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4714-12	C0AH3	BM048594.D	Fluorene-d10	40	35.09	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.60	69		10	130
			Anthracene-d10	40	38.25	96		25	130
			Pyrene-d10	40	40.32	101		15	130
			Benzo(a)pyrene-d12	40	39.07	98		20	130
P4714-13	C0AH5	BM048595.D	1,4-Dioxane-d8	8	3.83	48		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	5.83	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.23	43		25	120
			2-Chlorophenol-d4	40	17.28	43		20	130
			4-Methylphenol-d8	40	12.98	32		25	125
			Nitrobenzene-d5	40	17.28	43		20	125
			2-Nitrophenol-d4	40	17.47	44		20	130
			2,4-Dichlorophenol-d3	40	17.95	45		20	120
			4-Chloroaniline-d4	40	13.34	33		1	146
			Dimethylphthalate-d6	40	20.13	50		25	130
			Acenaphthylene-d8	40	18.26	46		10	130
			4-Nitrophenol-d4	40	3.88	10		10	150
			Fluorene-d10	40	19.97	50		25	125
			4,6-Dinitro-2-methylphenol-d2	40	12.78	32		10	130
			Anthracene-d10	40	21.11	53		25	130
			Pyrene-d10	40	23.54	59		15	130
			Benzo(a)pyrene-d12	40	22.54	56		20	130
			1,4-Dioxane-d8	8	4.22	53		15	120
			Pyridine-d5	40	7.42	19	*	20	120
			Phenol-d5	40	7.86	20		10	130
P4714-14	C0AH7	BM048596.D	Bis(2-Chloroethyl)ether-d8	40	28.06	70		25	120
			2-Chlorophenol-d4	40	26.07	65		20	130
			4-Methylphenol-d8	40	18.42	46		25	125
			Nitrobenzene-d5	40	28.83	72		20	125
			2-Nitrophenol-d4	40	29.79	74		20	130
			2,4-Dichlorophenol-d3	40	28.46	71		20	120
			4-Chloroaniline-d4	40	31.16	78		1	146
			Dimethylphthalate-d6	40	33.21	83		25	130
			Acenaphthylene-d8	40	30.28	76		10	130
			4-Nitrophenol-d4	40	5.81	15		10	150
			Fluorene-d10	40	33.93	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.34	66		10	130
			Anthracene-d10	40	37.29	93		25	130
			Pyrene-d10	40	39.10	98		15	130
			Benzo(a)pyrene-d12	40	37.96	95		20	130
			1,4-Dioxane-d8	8	6.79	85		15	120
			Pyridine-d5	40	33.65	84		20	120
			Phenol-d5	40	35.02	88		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.95	85		25	120
			2-Chlorophenol-d4	40	35.99	90		20	130
PB164732BL	PB164732BL	BM048603.D	4-Methylphenol-d8	40	35.30	88		25	125
			Nitrobenzene-d5	40	36.10	90		20	125
			2-Nitrophenol-d4	40	37.13	93		20	130

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164732BL	PB164732BL	BM048603.D	2,4-Dichlorophenol-d3	40	33.22	83		20	120
			4-Chloroaniline-d4	40	34.98	87		1	146
			Dimethylphthalate-d6	40	36.52	91		25	130
			Acenaphthylene-d8	40	36.50	91		10	130
			4-Nitrophenol-d4	40	27.57	69		10	150
			Fluorene-d10	40	37.00	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.89	67		10	130
			Anthracene-d10	40	37.50	94		25	130
			Pyrene-d10	40	38.72	97		15	130
			Benzo(a)pyrene-d12	40	37.81	95		20	130
PB164732BS	PB164732BS	BM048600.D	Pyridine-d5	40	37.93	95		20	120
			1,4-Dioxane-d8	8	7.51	94		15	120
			Phenol-d5	40	39.08	98		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.41	96		25	120
			2-Chlorophenol-d4	40	40.11	100		20	130
			4-Methylphenol-d8	40	39.14	98		25	125
			Nitrobenzene-d5	40	40.30	101		20	125
			2-Nitrophenol-d4	40	41.11	103		20	130
			2,4-Dichlorophenol-d3	40	36.67	92		20	120
			4-Chloroaniline-d4	40	38.76	97		1	146
			Dimethylphthalate-d6	40	39.99	100		25	130
			Acenaphthylene-d8	40	40.12	100		10	130
			4-Nitrophenol-d4	40	32.67	82		10	150
			Fluorene-d10	40	40.45	101		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.16	75		10	130
			Anthracene-d10	40	40.90	102		25	130
			Pyrene-d10	40	43.15	108		15	130
			Benzo(a)pyrene-d12	40	41.63	104		20	130

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4637-01	CC0R6	BM048582.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Pyridine-d5	40	11.61	29		20	120
			Phenol-d5	40	19.97	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.84	50		10	150
			2-Chlorophenol-d4	40	20.58	51		15	120
			4-Methylphenol-d8	40	20.59	51		10	140
			Nitrobenzene-d5	40	20.31	51		10	135
			2-Nitrophenol-d4	40	21.02	53		10	120
			2,4-Dichlorophenol-d3	40	19.99	50		10	140
			4-Chloroaniline-d4	40	19.31	48		1	145
			Dimethylphthalate-d6	40	22.18	55		10	145
			Acenaphthylene-d8	40	22.29	56		15	120
			4-Nitrophenol-d4	40	13.80	34		10	150
			Fluorene-d10	40	22.57	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.06	35		10	130
			Anthracene-d10	40	21.99	55		10	150
			Pyrene-d10	40	23.83	60		10	130
			Benzo(a)pyrene-d12	40	22.25	56		10	140
P4686-01	GCP52	BM048583.D	1,4-Dioxane-d8	8	3.80	48		15	120
			Pyridine-d5	40	16.99	42		20	120
			Phenol-d5	40	22.92	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.78	57		10	150
			2-Chlorophenol-d4	40	23.50	59		15	120
			4-Methylphenol-d8	40	23.20	58		10	140
			Nitrobenzene-d5	40	23.61	59		10	135
			2-Nitrophenol-d4	40	24.60	61		10	120
			2,4-Dichlorophenol-d3	40	24.23	61		10	140
			4-Chloroaniline-d4	40	20.39	51		1	145
			Dimethylphthalate-d6	40	26.65	67		10	145
			Acenaphthylene-d8	40	26.50	66		15	120
			4-Nitrophenol-d4	40	17.67	44		10	150
			Fluorene-d10	40	27.51	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.20	50		10	130
			Anthracene-d10	40	26.99	67		10	150
			Pyrene-d10	40	29.41	74		10	130
			Benzo(a)pyrene-d12	40	27.61	69		10	140
P4686-01DL	GCP52DL	BM048589.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Pyridine-d5	40	15.68	39		20	120
			Phenol-d5	40	18.25	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.97	47		10	150
			2-Chlorophenol-d4	40	19.56	49		15	120
			4-Methylphenol-d8	40	17.76	44		10	140
			Nitrobenzene-d5	40	17.58	44		10	135
			2-Nitrophenol-d4	40	18.48	46		10	120
			2,4-Dichlorophenol-d3	40	19.74	49		10	140
			4-Chloroaniline-d4	40	15.50	39		1	145
			Dimethylphthalate-d6	40	25.07	63		10	145
			Acenaphthylene-d8	40	23.67	59		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4686-01DL	GCP52DL	BM048589.D	Fluorene-d10	40	25.55	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	24.32	61		10	150
			Pyrene-d10	40	27.87	70		10	130
			Benzo(a)pyrene-d12	40	24.59	61		10	140
P4686-02MS	GCP52MS	BM048584.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Pyridine-d5	40	21.59	54		20	120
			Phenol-d5	40	29.51	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.30	71		10	150
			2-Chlorophenol-d4	40	29.57	74		15	120
			4-Methylphenol-d8	40	29.47	74		10	140
			Nitrobenzene-d5	40	30.87	77		10	135
			2-Nitrophenol-d4	40	32.27	81		10	120
			2,4-Dichlorophenol-d3	40	32.34	81		10	140
			4-Chloroaniline-d4	40	28.10	70		1	145
			Dimethylphthalate-d6	40	32.81	82		10	145
			Acenaphthylene-d8	40	32.64	82		15	120
			4-Nitrophenol-d4	40	31.05	78		10	150
			Fluorene-d10	40	32.75	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.46	84		10	130
			Anthracene-d10	40	32.47	81		10	150
			Pyrene-d10	40	35.76	89		10	130
			Benzo(a)pyrene-d12	40	34.16	85		10	140
P4686-03MSD	GCP52MSD	BM048585.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Pyridine-d5	40	21.45	54		20	120
			Phenol-d5	40	29.39	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.57	69		10	150
			2-Chlorophenol-d4	40	29.89	75		15	120
			4-Methylphenol-d8	40	29.39	73		10	140
			Nitrobenzene-d5	40	30.57	76		10	135
			2-Nitrophenol-d4	40	31.65	79		10	120
			2,4-Dichlorophenol-d3	40	32.71	82		10	140
			4-Chloroaniline-d4	40	28.11	70		1	145
			Dimethylphthalate-d6	40	32.52	81		10	145
			Acenaphthylene-d8	40	32.54	81		15	120
			4-Nitrophenol-d4	40	30.67	77		10	150
			Fluorene-d10	40	32.55	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.35	86		10	130
			Anthracene-d10	40	32.76	82		10	150
			Pyrene-d10	40	35.95	90		10	130
			Benzo(a)pyrene-d12	40	34.17	85		10	140
P4686-04	GCP53	BM048591.D	1,4-Dioxane-d8	8	4.22	53		15	120
			Pyridine-d5	40	12.54	31		20	120
			Phenol-d5	40	22.15	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.31	56		10	150
			2-Chlorophenol-d4	40	23.07	58		15	120
			4-Methylphenol-d8	40	22.67	57		10	140
			Nitrobenzene-d5	40	22.86	57		10	135
			2-Nitrophenol-d4	40	22.99	57		10	120

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4686-04	GCP53	BM048591.D	2,4-Dichlorophenol-d3	40	22.85	57		10	140
			4-Chloroaniline-d4	40	21.72	54		1	145
			Dimethylphthalate-d6	40	24.98	62		10	145
			Acenaphthylene-d8	40	24.92	62		15	120
			4-Nitrophenol-d4	40	15.91	40		10	150
			Fluorene-d10	40	25.65	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.99	40		10	130
			Anthracene-d10	40	25.26	63		10	150
			Pyrene-d10	40	26.38	66		10	130
			Benzo(a)pyrene-d12	40	25.07	63		10	140
P4686-05	GCP54	BM048580.D	1,4-Dioxane-d8	8	3.29	41		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	20.66	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.91	50		10	150
			2-Chlorophenol-d4	40	21.07	53		15	120
			4-Methylphenol-d8	40	20.09	50		10	140
			Nitrobenzene-d5	40	22.19	55		10	135
			2-Nitrophenol-d4	40	22.19	55		10	120
			2,4-Dichlorophenol-d3	40	24.38	61		10	140
			4-Chloroaniline-d4	40	18.36	46		1	145
			Dimethylphthalate-d6	40	33.25	83		10	145
			Acenaphthylene-d8	40	30.19	75		15	120
			4-Nitrophenol-d4	40	33.04	83		10	150
			Fluorene-d10	40	33.57	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.32	66		10	130
			Anthracene-d10	40	34.19	85		10	150
			Pyrene-d10	40	38.93	97		10	130
			Benzo(a)pyrene-d12	40	35.42	89		10	140
P4686-05DL	GCP54DL	BM048581.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	19.98	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.53	49		10	150
			2-Chlorophenol-d4	40	20.44	51		15	120
			4-Methylphenol-d8	40	17.63	44		10	140
			Nitrobenzene-d5	40	19.80	49		10	135
			2-Nitrophenol-d4	40	18.51	46		10	120
			2,4-Dichlorophenol-d3	40	22.76	57		10	140
			4-Chloroaniline-d4	40	15.05	38		1	145
			Dimethylphthalate-d6	40	32.62	82		10	145
			Acenaphthylene-d8	40	29.42	74		15	120
			4-Nitrophenol-d4	40	23.06	58		10	150
			Fluorene-d10	40	33.79	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.36	43		10	130
			Anthracene-d10	40	34.79	87		10	150
			Pyrene-d10	40	36.54	91		10	130
			Benzo(a)pyrene-d12	40	34.94	87		10	140
PB164746BL	PB164746BL	BM048579.D	Pyridine-d5	40	27.85	70		20	120
			1,4-Dioxane-d8	8	5.75	72		15	120
			Phenol-d5	40	28.15	70		10	130

Surrogate Summary

SW-846

SDG No.: BM111124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164746BL	PB164746BL	BM048579.D	Bis(2-Chloroethyl)ether-d8	40	28.33	71		10	150
			2-Chlorophenol-d4	40	29.35	73		15	120
			4-Methylphenol-d8	40	27.92	70		10	140
			Nitrobenzene-d5	40	28.95	72		10	135
			2-Nitrophenol-d4	40	29.23	73		10	120
			2,4-Dichlorophenol-d3	40	25.92	65		10	140
			4-Chloroaniline-d4	40	27.85	70		1	145
			Dimethylphthalate-d6	40	29.39	73		10	145
			Acenaphthylene-d8	40	29.29	73		15	120
			4-Nitrophenol-d4	40	18.62	47		10	150
			Fluorene-d10	40	29.45	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.94	47		10	130
			Anthracene-d10	40	30.28	76		10	150
			Pyrene-d10	40	30.99	77		10	130
			Benzo(a)pyrene-d12	40	29.94	75		10	140
PB164746BS	PB164746BS	BM048592.D	1,4-Dioxane-d8	8	5.88	74		15	120
			Pyridine-d5	40	29.73	74		20	120
			Phenol-d5	40	31.73	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.89	75		10	150
			2-Chlorophenol-d4	40	32.69	82		15	120
			4-Methylphenol-d8	40	31.81	80		10	140
			Nitrobenzene-d5	40	31.40	79		10	135
			2-Nitrophenol-d4	40	31.81	80		10	120
			2,4-Dichlorophenol-d3	40	32.38	81		10	140
			4-Chloroaniline-d4	40	28.58	71		1	145
			Dimethylphthalate-d6	40	31.24	78		10	145
			Acenaphthylene-d8	40	31.65	79		15	120
			4-Nitrophenol-d4	40	31.36	78		10	150
			Fluorene-d10	40	31.60	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.57	74		10	130
			Anthracene-d10	40	31.73	79		10	150
			Pyrene-d10	40	32.03	80		10	130
			Benzo(a)pyrene-d12	40	32.28	81		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM111124

Lab Code: CHEM

SAS No.: BM111124 SDG NO.: BM111124

Lab File ID: BM048577.D

DFTPP Injection Date: 11/11/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	43.1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	88
443	15.0 - 24.0% of mass 442	16.8 (19.1) 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
SSTD020052	SSTDCCC020	BM048578.D	11/11/2024	10:10
SBLK746	PB164746BL	BM048579.D	11/11/2024	10:52
GCP54	P4686-05	BM048580.D	11/11/2024	11:32
GCP54DL	P4686-05DL	BM048581.D	11/11/2024	12:15
CC0R6	P4637-01	BM048582.D	11/11/2024	13:07
GCP52	P4686-01	BM048583.D	11/11/2024	13:46
GCP52MS	P4686-02MS	BM048584.D	11/11/2024	14:26
GCP52MSD	P4686-03MSD	BM048585.D	11/11/2024	15:05
SSTD020053	SSTDCCC020	BM048586.D	11/11/2024	15:45
SBLK682	PB164682BL	BM048587.D	11/11/2024	16:25
SBLK728	PB164728BL	BM048588.D	11/11/2024	17:04
GCP52DL	P4686-01DL	BM048589.D	11/11/2024	17:43
A4ED9	P4585-05	BM048590.D	11/11/2024	18:23
GCP53	P4686-04	BM048591.D	11/11/2024	19:02
SLCS746	PB164746BS	BM048592.D	11/11/2024	19:42
C0AH0	P4714-10	BM048593.D	11/11/2024	20:21
C0AH3	P4714-12	BM048594.D	11/11/2024	21:01
C0AH5	P4714-13	BM048595.D	11/11/2024	21:40

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM111124

Lab Code: CHEM

SAS No.: BM111124 SDG NO.: BM111124

Lab File ID: BM048577.D

DFTPP Injection Date: 11/11/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	43.1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14
442	Greater than 50% of mass 198	88
443	15.0 - 24.0% of mass 442	16.8 (19.1) 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
C0AH7	P4714-14	BM048596.D	11/11/2024	22:19
C0AE2	P4668-06	BM048597.D	11/11/2024	22:59
C0AE4	P4668-07	BM048598.D	11/11/2024	23:38
C0AG8	P4714-09	BM048599.D	11/12/2024	00:18
SLCS732	PB164732BS	BM048600.D	11/12/2024	00:57
SLCS728	PB164728BS	BM048601.D	11/12/2024	01:36
SSTD020054	SSTDCCC020	BM048602.D	11/12/2024	02:55
SBLK732	PB164732BL	BM048603.D	11/12/2024	03:35
SBLK730	PB164730BL	BM048604.D	11/12/2024	04:14
C0AF3	P4714-02	BM048605.D	11/12/2024	04:53
C0AF5	P4714-03	BM048606.D	11/12/2024	05:33
C0AF7	P4714-04	BM048607.D	11/12/2024	06:12
C0AG0	P4714-05	BM048608.D	11/12/2024	06:51
C0AG2	P4714-06	BM048609.D	11/12/2024	07:31