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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG No.: BM100924

Instrument ID: BNA_M Calibration Date/Time: 10/9/2024 12 12:08

Lab File ID: BM047942.D Init. Calib. Date(s):

EPA Sample No.: SSTD020172 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.676	0.559	0.010	-17.3098	40.0
Benzaldehyde	1.028	0.964	0.010	-6.3101	40.0
Pyridine	1.908	1.581	0.010	-17.1233	40.0
Phenol	2.012	1.736	0.080	-13.7123	20.0
Bis(2-Chloroethyl)ether	1.603	1.360	0.100	-15.1681	20.0
2-Chlorophenol	1.458	1.434	0.200	-1.5923	20.0
2-Methylphenol	1.403	1.304	0.010	-7.0721	20.0
2,2-oxybis(1-Chloropropane)	3.018	1.943	0.010	-35.6294	40.0
Acetophenone	2.406	2.053	0.060	-14.671	20.0
4-Methylphenol	1.577	1.388	0.010	-11.9732	20.0
N-Nitroso-di-n-propylamine	1.274	0.997	0.050	-21.7237	30.0
Hexachloroethane	0.655	0.606	0.100	-7.501	20.0
Nitrobenzene	0.452	0.386	0.050	-14.5684	25.0
Isophorone	0.809	0.704	0.050	-13.0275	25.0
2-Nitrophenol	0.175	0.191	0.050	9.5204	25.0
2,4-Dimethylphenol	0.374	0.354	0.050	-5.3425	25.0
Bis(2-Chloroethoxy)methane	0.495	0.427	0.050	-13.7914	20.0
2,4-Dichlorophenol	0.315	0.325	0.060	3.3166	20.0
Naphthalene	1.150	1.111	0.200	-3.4134	20.0
4-Chloroaniline	0.464	0.436	0.010	-6.1142	40.0
Hexachlorobutadiene	0.208	0.207	0.040	-0.7087	30.0
Caprolactam	0.101	0.108	0.010	7.259	40.0
4-Chloro-3-methylphenol	0.326	0.328	0.040	0.6576	25.0
1-Methylnaphthalene	0.744	0.745	0.100	0.2253	20.0
2-Methylnaphthalene	0.731	0.713	0.100	-2.4351	20.0
Hexachlorocyclopentadiene	0.394	0.325	0.010	-17.3587	40.0
2,4,6-Trichlorophenol	0.377	0.406	0.090	7.8088	25.0
2,4,5-Trichlorophenol	0.412	0.432	0.100	4.9323	25.0
1,1-Biphenyl	1.601	1.490	0.200	-6.9585	20.0
2-Chloronaphthalene	1.238	1.192	0.300	-3.7112	20.0
2-Nitroaniline	0.393	0.334	0.050	-15.0546	40.0
Dimethylphthalate	1.468	1.406	0.300	-4.2242	20.0
2,6-Dinitrotoluene	0.258	0.276	0.080	7.2075	30.0
Acenaphthylene	1.939	1.986	0.400	2.407	20.0
3-Nitroaniline	0.312	0.326	0.010	4.499	40.0
Acenaphthene	1.371	1.284	0.200	-6.337	20.0
2,4-Dinitrophenol	0.159	0.155	0.010	-2.5555	40.0
4-Nitrophenol	0.242	0.218	0.010	-9.9783	40.0
Dibenzofuran	1.845	1.764	0.300	-4.3614	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG No.: BM100924

Instrument ID: BNA_M Calibration Date/Time: 10/9/2024 12 12:08

Lab File ID: BM047942.D Init. Calib. Date(s):

EPA Sample No.: SSTD020172 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.387	0.421	0.070	8.7232	30.0
Diethylphthalate	1.469	1.406	0.300	-4.3275	20.0
Fluorene	1.539	1.444	0.200	-6.2129	20.0
4-Chlorophenyl-phenylether	0.727	0.697	0.100	-4.1359	20.0
4-Nitroaniline	0.303	0.353	0.010	16.5433	40.0
4,6-Dinitro-2-methylphenol	0.130	0.124	0.010	-4.7197	40.0
N-Nitrosodiphenylamine	0.623	0.567	0.050	-8.9844	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.618	0.100	-5.0172	20.0
4-Bromophenyl-phenylether	0.206	0.203	0.070	-1.4253	20.0
Hexachlorobenzene	0.240	0.245	0.050	2.1061	25.0
Atrazine	0.207	0.178	0.010	-14.2687	25.0
Pentachlorophenol	0.153	0.163	0.010	7.0751	40.0
Phenanthrene	1.173	1.118	0.200	-4.6615	20.0
Pentachlorobenzene	0.323	0.286	0.050	-11.4448	20.0
Anthracene	1.196	1.154	0.200	-3.562	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.288	0.050	-12.9042	20.0
Carbazole	1.084	1.076	0.050	-0.7453	40.0
Di-n-butylphthalate	1.207	1.184	0.500	-1.9598	25.0
Fluoranthene	1.337	1.297	0.400	-2.9731	25.0
Pyrene	1.488	1.390	0.400	-6.5777	25.0
Butylbenzylphthalate	0.526	0.555	0.100	5.4349	40.0
3,3-Dichlorobenzidine	0.423	0.451	0.010	6.6062	40.0
Benzo(a)anthracene	1.400	1.421	0.300	1.4399	30.0
Chrysene	1.365	1.334	0.200	-2.3046	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.796	0.200	0.7855	40.0
Di-n-octyl phthalate	1.290	1.205	0.010	-6.5831	40.0
Benzo(b)fluoranthene	1.247	1.225	0.200	-1.7737	25.0
Benzo(k)fluoranthene	1.275	1.202	0.200	-5.783	25.0
Benzo(a)pyrene	1.185	1.176	0.200	-0.7625	20.0
Indeno(1,2,3-cd)pyrene	1.518	1.450	0.200	-4.4921	25.0
Dibenzo(a,h)anthracene	1.244	1.211	0.200	-2.66	30.0
Benzo(g,h,i)perylene	1.189	1.188	0.200	-0.1222	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.369	0.040	13.6464	20.0
1,4-Dioxane-d8	0.619	0.524	0.010	-15.255	25.0
Pyridine-d5	1.812	1.498	0.010	-17.3115	40.0
Phenol-d5	1.891	1.708	0.010	-9.6687	25.0
Bis-(2-Chloroethyl)ether-d8	1.342	0.989	0.050	-26.3116	25.0
2-Chlorophenol-d4	1.376	1.440	0.200	4.6249	20.0
4-Methylphenol-d8	1.406	1.323	0.010	-5.9093	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG No.: BM100924

Instrument ID: BNA_M Calibration Date/Time: 10/9/2024 12 12:08

Lab File ID: BM047942.D Init. Calib. Date(s):

EPA Sample No.: SSTD020172 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.169	0.050	5.9218	20.0
2-Nitrophenol-d4	0.153	0.182	0.050	19.0235	30.0
2,4-Dichlorophenol-d3	0.305	0.332	0.060	9.0347	20.0
4-Chloroaniline-d4	0.471	0.457	0.010	-3.1259	40.0
Dimethylphthalate-d6	1.450	1.390	0.300	-4.1312	20.0
Acenaphthylene-d8	1.719	1.701	0.400	-1.0389	20.0
4-Nitrophenol-d4	0.289	0.300	0.010	3.8162	40.0
Fluorene-d10	1.256	1.256	0.100	0.0407	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.112	0.010	-4.4445	40.0
Anthracene-d10	0.983	0.953	0.300	-3.1269	20.0
Pyrene-d10	1.135	1.117	0.300	-1.6332	25.0
Benzo(a)pyrene-d12	1.038	1.011	0.010	-2.569	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG No.: BM100924

Instrument ID: BNA_M Calibration Date/Time: 10/9/2024 12 17:24

Lab File ID: BM047948.D Init. Calib. Date(s):

EPA Sample No.: SSTD020173 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.676	0.590	0.010	-12.7702	40.0
Benzaldehyde	1.028	0.973	0.010	-5.3723	40.0
Pyridine	1.908	1.575	0.010	-17.4382	40.0
Phenol	2.012	1.719	0.080	-14.5527	20.0
Bis(2-Chloroethyl)ether	1.603	1.355	0.100	-15.4852	20.0
2-Chlorophenol	1.458	1.421	0.200	-2.5303	20.0
2-Methylphenol	1.403	1.283	0.010	-8.5701	20.0
2,2-oxybis(1-Chloropropane)	3.018	1.972	0.010	-34.6533	40.0
Acetophenone	2.406	2.051	0.060	-14.7411	20.0
4-Methylphenol	1.577	1.392	0.010	-11.7288	20.0
N-Nitroso-di-n-propylamine	1.274	1.002	0.050	-21.3699	30.0
Hexachloroethane	0.655	0.607	0.100	-7.3147	20.0
Nitrobenzene	0.452	0.384	0.050	-15.1104	25.0
Isophorone	0.809	0.700	0.050	-13.5247	25.0
2-Nitrophenol	0.175	0.189	0.050	8.5374	25.0
2,4-Dimethylphenol	0.374	0.349	0.050	-6.5758	25.0
Bis(2-Chloroethoxy)methane	0.495	0.432	0.050	-12.7184	20.0
2,4-Dichlorophenol	0.315	0.322	0.060	2.3633	20.0
Naphthalene	1.150	1.120	0.200	-2.6792	20.0
4-Chloroaniline	0.464	0.426	0.010	-8.1497	40.0
Hexachlorobutadiene	0.208	0.210	0.040	1.0315	30.0
Caprolactam	0.101	0.100	0.010	-0.4459	40.0
4-Chloro-3-methylphenol	0.326	0.322	0.040	-1.0526	25.0
1-Methylnaphthalene	0.744	0.734	0.100	-1.2517	20.0
2-Methylnaphthalene	0.731	0.714	0.100	-2.3731	20.0
Hexachlorocyclopentadiene	0.394	0.336	0.010	-14.7314	40.0
2,4,6-Trichlorophenol	0.377	0.404	0.090	7.3474	25.0
2,4,5-Trichlorophenol	0.412	0.427	0.100	3.6847	25.0
1,1-Biphenyl	1.601	1.497	0.200	-6.4953	20.0
2-Chloronaphthalene	1.238	1.197	0.300	-3.3456	20.0
2-Nitroaniline	0.393	0.331	0.050	-15.6854	40.0
Dimethylphthalate	1.468	1.410	0.300	-3.9867	20.0
2,6-Dinitrotoluene	0.258	0.276	0.080	6.9551	30.0
Acenaphthylene	1.939	1.973	0.400	1.7442	20.0
3-Nitroaniline	0.312	0.315	0.010	0.8173	40.0
Acenaphthene	1.371	1.276	0.200	-6.901	20.0
2,4-Dinitrophenol	0.159	0.153	0.010	-4.0444	40.0
4-Nitrophenol	0.242	0.213	0.010	-12.3267	40.0
Dibenzofuran	1.845	1.772	0.300	-3.9366	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG No.: BM100924

Instrument ID: BNA_M Calibration Date/Time: 10/9/2024 12 17:24

Lab File ID: BM047948.D Init. Calib. Date(s):

EPA Sample No.: SSTD020173 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.387	0.417	0.070	7.7534	30.0
Diethylphthalate	1.469	1.389	0.300	-5.4662	20.0
Fluorene	1.539	1.453	0.200	-5.5837	20.0
4-Chlorophenyl-phenylether	0.727	0.697	0.100	-4.1425	20.0
4-Nitroaniline	0.303	0.334	0.010	10.0421	40.0
4,6-Dinitro-2-methylphenol	0.130	0.124	0.010	-4.7606	40.0
N-Nitrosodiphenylamine	0.623	0.587	0.050	-5.8186	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.631	0.100	-3.0755	20.0
4-Bromophenyl-phenylether	0.206	0.208	0.070	1.0937	20.0
Hexachlorobenzene	0.240	0.252	0.050	5.2315	25.0
Atrazine	0.207	0.178	0.010	-14.0262	25.0
Pentachlorophenol	0.153	0.162	0.010	6.482	40.0
Phenanthrene	1.173	1.126	0.200	-3.9711	20.0
Pentachlorobenzene	0.323	0.295	0.050	-8.6591	20.0
Anthracene	1.196	1.161	0.200	-2.9508	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.301	0.050	-9.1483	20.0
Carbazole	1.084	1.065	0.050	-1.7491	40.0
Di-n-butylphthalate	1.207	1.162	0.500	-3.7735	25.0
Fluoranthene	1.337	1.297	0.400	-2.9763	25.0
Pyrene	1.488	1.393	0.400	-6.394	25.0
Butylbenzylphthalate	0.526	0.536	0.100	1.8867	40.0
3,3-Dichlorobenzidine	0.423	0.429	0.010	1.5913	40.0
Benzo(a)anthracene	1.400	1.389	0.300	-0.8376	30.0
Chrysene	1.365	1.307	0.200	-4.2341	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.770	0.200	-2.4687	40.0
Di-n-octyl phthalate	1.290	1.175	0.010	-8.9073	40.0
Benzo(b)fluoranthene	1.247	1.229	0.200	-1.4868	25.0
Benzo(k)fluoranthene	1.275	1.228	0.200	-3.7383	25.0
Benzo(a)pyrene	1.185	1.171	0.200	-1.1675	20.0
Indeno(1,2,3-cd)pyrene	1.518	1.441	0.200	-5.0793	25.0
Dibenzo(a,h)anthracene	1.244	1.204	0.200	-3.2346	30.0
Benzo(g,h,i)perylene	1.189	1.179	0.200	-0.8892	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.372	0.040	14.6389	20.0
1,4-Dioxane-d8	0.619	0.525	0.010	-15.2277	25.0
Pyridine-d5	1.812	1.489	0.010	-17.8082	40.0
Phenol-d5	1.891	1.695	0.010	-10.3612	25.0
Bis-(2-Chloroethyl)ether-d8	1.342	0.998	0.050	-25.6468	25.0
2-Chlorophenol-d4	1.376	1.422	0.200	3.3254	20.0
4-Methylphenol-d8	1.406	1.308	0.010	-6.9748	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG No.: BM100924

Instrument ID: BNA_M Calibration Date/Time: 10/9/2024 12 17:24

Lab File ID: BM047948.D Init. Calib. Date(s):

EPA Sample No.: SSTD020173 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.167	0.050	4.6364	20.0
2-Nitrophenol-d4	0.153	0.178	0.050	16.3881	30.0
2,4-Dichlorophenol-d3	0.305	0.330	0.060	8.3441	20.0
4-Chloroaniline-d4	0.471	0.448	0.010	-4.9388	40.0
Dimethylphthalate-d6	1.450	1.394	0.300	-3.8512	20.0
Acenaphthylene-d8	1.719	1.702	0.400	-1.0103	20.0
4-Nitrophenol-d4	0.289	0.288	0.010	-0.3113	40.0
Fluorene-d10	1.256	1.241	0.100	-1.2119	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.115	0.010	-2.0126	40.0
Anthracene-d10	0.983	0.966	0.300	-1.8109	20.0
Pyrene-d10	1.135	1.109	0.300	-2.3363	25.0
Benzo(a)pyrene-d12	1.038	1.013	0.010	-2.4146	20.0

All other compounds must meet a minimum RRF of 0.010.

Alliance TECHNICAL GROUP
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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG No.: BM100924

Instrument ID: BNA_M Calibration Date/Time: 10/10/2024 1 03:55

Lab File ID: BM047963.D Init. Calib. Date(s):

EPA Sample No.: SSTD020174 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.676	0.564	0.010	-16.5125	40.0
Benzaldehyde	1.028	0.972	0.010	-5.4771	40.0
Pyridine	1.908	1.576	0.010	-17.3851	40.0
Phenol	2.012	1.704	0.080	-15.3322	20.0
Bis(2-Chloroethyl)ether	1.603	1.347	0.100	-15.9843	20.0
2-Chlorophenol	1.458	1.413	0.200	-3.068	20.0
2-Methylphenol	1.403	1.262	0.010	-10.0635	20.0
2,2-oxybis(1-Chloropropane)	3.018	1.994	0.010	-33.9261	40.0
Acetophenone	2.406	2.040	0.060	-15.2172	20.0
4-Methylphenol	1.577	1.361	0.010	-13.7147	20.0
N-Nitroso-di-n-propylamine	1.274	1.003	0.050	-21.3151	30.0
Hexachloroethane	0.655	0.604	0.100	-7.7536	20.0
Nitrobenzene	0.452	0.389	0.050	-14.0343	25.0
Isophorone	0.809	0.694	0.050	-14.1781	25.0
2-Nitrophenol	0.175	0.186	0.050	6.3554	25.0
2,4-Dimethylphenol	0.374	0.346	0.050	-7.5816	25.0
Bis(2-Chloroethoxy)methane	0.495	0.427	0.050	-13.7733	20.0
2,4-Dichlorophenol	0.315	0.319	0.060	1.3152	20.0
Naphthalene	1.150	1.108	0.200	-3.7131	20.0
4-Chloroaniline	0.464	0.423	0.010	-8.8036	40.0
Hexachlorobutadiene	0.208	0.204	0.040	-2.0627	30.0
Caprolactam	0.101	0.098	0.010	-2.4668	40.0
4-Chloro-3-methylphenol	0.326	0.317	0.040	-2.6286	25.0
1-Methylnaphthalene	0.744	0.741	0.100	-0.3857	20.0
2-Methylnaphthalene	0.731	0.706	0.100	-3.4792	20.0
Hexachlorocyclopentadiene	0.394	0.343	0.010	-12.903	40.0
2,4,6-Trichlorophenol	0.377	0.400	0.090	6.2643	25.0
2,4,5-Trichlorophenol	0.412	0.434	0.100	5.4152	25.0
1,1-Biphenyl	1.601	1.515	0.200	-5.3757	20.0
2-Chloronaphthalene	1.238	1.208	0.300	-2.464	20.0
2-Nitroaniline	0.393	0.329	0.050	-16.3787	40.0
Dimethylphthalate	1.468	1.416	0.300	-3.5972	20.0
2,6-Dinitrotoluene	0.258	0.279	0.080	8.3744	30.0
Acenaphthylene	1.939	1.986	0.400	2.4556	20.0
3-Nitroaniline	0.312	0.312	0.010	-0.0722	40.0
Acenaphthene	1.371	1.303	0.200	-4.9473	20.0
2,4-Dinitrophenol	0.159	0.152	0.010	-4.6228	40.0
4-Nitrophenol	0.242	0.212	0.010	-12.5942	40.0
Dibenzofuran	1.845	1.776	0.300	-3.7309	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG No.: BM100924

Instrument ID: BNA_M Calibration Date/Time: 10/10/2024 1 03:55

Lab File ID: BM047963.D Init. Calib. Date(s):

EPA Sample No.: SSTD020174 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.387	0.414	0.070	6.922	30.0
Diethylphthalate	1.469	1.385	0.300	-5.7163	20.0
Fluorene	1.539	1.471	0.200	-4.3971	20.0
4-Chlorophenyl-phenylether	0.727	0.701	0.100	-3.571	20.0
4-Nitroaniline	0.303	0.339	0.010	11.7601	40.0
4,6-Dinitro-2-methylphenol	0.130	0.122	0.010	-6.3107	40.0
N-Nitrosodiphenylamine	0.623	0.578	0.050	-7.2137	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.624	0.100	-4.1522	20.0
4-Bromophenyl-phenylether	0.206	0.206	0.070	-0.1885	20.0
Hexachlorobenzene	0.240	0.245	0.050	2.2629	25.0
Atrazine	0.207	0.176	0.010	-15.214	25.0
Pentachlorophenol	0.153	0.156	0.010	2.0808	40.0
Phenanthrene	1.173	1.121	0.200	-4.4053	20.0
Pentachlorobenzene	0.323	0.293	0.050	-9.328	20.0
Anthracene	1.196	1.158	0.200	-3.2059	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.298	0.050	-10.1121	20.0
Carbazole	1.084	1.052	0.050	-2.9459	40.0
Di-n-butylphthalate	1.207	1.145	0.500	-5.1113	25.0
Fluoranthene	1.337	1.270	0.400	-4.9649	25.0
Pyrene	1.488	1.376	0.400	-7.4985	25.0
Butylbenzylphthalate	0.526	0.514	0.100	-2.2256	40.0
3,3-Dichlorobenzidine	0.423	0.419	0.010	-0.9107	40.0
Benzo(a)anthracene	1.400	1.399	0.300	-0.1228	30.0
Chrysene	1.365	1.323	0.200	-3.0653	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.739	0.200	-6.4274	40.0
Di-n-octyl phthalate	1.290	1.115	0.010	-13.5757	40.0
Benzo(b)fluoranthene	1.247	1.221	0.200	-2.1161	25.0
Benzo(k)fluoranthene	1.275	1.231	0.200	-3.5004	25.0
Benzo(a)pyrene	1.185	1.180	0.200	-0.3957	20.0
Indeno(1,2,3-cd)pyrene	1.518	1.437	0.200	-5.3255	25.0
Dibenzo(a,h)anthracene	1.244	1.207	0.200	-2.937	30.0
Benzo(g,h,i)perylene	1.189	1.180	0.200	-0.8067	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.369	0.040	13.6371	20.0
1,4-Dioxane-d8	0.619	0.528	0.010	-14.7181	25.0
Pyridine-d5	1.812	1.454	0.010	-19.7765	40.0
Phenol-d5	1.891	1.665	0.010	-11.9344	25.0
Bis-(2-Chloroethyl)ether-d8	1.342	1.012	0.050	-24.5691	25.0
2-Chlorophenol-d4	1.376	1.401	0.200	1.8249	20.0
4-Methylphenol-d8	1.406	1.284	0.010	-8.7074	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG No.: BM100924

Instrument ID: BNA_M Calibration Date/Time: 10/10/2024 1 03:55

Lab File ID: BM047963.D Init. Calib. Date(s):

EPA Sample No.: SSTD020174 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.164	0.050	2.991	20.0
2-Nitrophenol-d4	0.153	0.172	0.050	12.9502	30.0
2,4-Dichlorophenol-d3	0.305	0.324	0.060	6.1764	20.0
4-Chloroaniline-d4	0.471	0.444	0.010	-5.7539	40.0
Dimethylphthalate-d6	1.450	1.407	0.300	-2.9695	20.0
Acenaphthylene-d8	1.719	1.710	0.400	-0.5386	20.0
4-Nitrophenol-d4	0.289	0.294	0.010	1.9909	40.0
Fluorene-d10	1.256	1.242	0.100	-1.1307	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.111	0.010	-5.3365	40.0
Anthracene-d10	0.983	0.960	0.300	-2.353	20.0
Pyrene-d10	1.135	1.087	0.300	-4.2717	25.0
Benzo(a)pyrene-d12	1.038	1.011	0.010	-2.5834	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK684			SDG No.:	BM100924
Lab Sample ID:	PB163684BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047943.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK684			SDG No.:	BM100924
Lab Sample ID:	PB163684BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047943.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK684			SDG No.:	BM100924
Lab Sample ID:	PB163684BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047943.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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	4.32		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	20.857		20-120		52	SPK: -40
4165-62-2	Phenol-d5	22.594		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.967		25-120		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.316		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	23.474		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	26.936		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.15		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.255		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.681		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.408		25-130		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.075		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.072		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	25.312		25-125		63	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK684			SDG No.:	BM100924
Lab Sample ID:	PB163684BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047943.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.222		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	25.249		25-130		63	SPK: -40
1718-52-1	Pyrene-d10	24.941		15-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.646		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	268595	7.792				
1146-65-2	Naphthalene-d8	1042142	10.58				
15067-26-2	Acenaphthene-d10	633660	14.427				
1517-22-2	Phenanthrene-d10	1299366	17.162				
1719-03-5	Chrysene-d12	1393735	21.391				
1520-96-3	Perylene-d12	1669184	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072			SDG No.:	BM100924
Lab Sample ID:	P4187-13			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
BM047944.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072			SDG No.:	BM100924
Lab Sample ID:	P4187-13			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
BM047944.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072			SDG No.:	BM100924
Lab Sample ID:	P4187-13			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
BM047944.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

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	4.212		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	6.255	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	7.513		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.826		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.418		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	18.417		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	33.613		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.591		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.831		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.734		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.424		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.458		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.907		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	33.519		25-125		84	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072			SDG No.:	BM100924
Lab Sample ID:	P4187-13			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
BM047944.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.091		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	34.734		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	34.211		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.5		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	184729	7.793				
1146-65-2	Naphthalene-d8	720448	10.581				
15067-26-2	Acenaphthene-d10	427561	14.428				
1517-22-2	Phenanthrene-d10	875814	17.163				
1719-03-5	Chrysene-d12	944867	21.386				
1520-96-3	Perylene-d12	1165467	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY055			SDG No.:	BM100924
Lab Sample ID:	P4187-18			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047945.D	1	9/26/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163718

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY055			SDG No.:	BM100924
Lab Sample ID:	P4187-18			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047945.D	1	9/26/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163718

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY055			SDG No.:	BM100924
Lab Sample ID:	P4187-18			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047945.D	1	9/26/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163718

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	3.66		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	5.79	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	5.841		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.859		25-120		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.543		20-130		51	SPK: -40
190780-66-6	4-Methylphenol-d8	14.027		25-125		35	SPK: -40
4165-60-0	Nitrobenzene-d5	23.118		20-125		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.733		20-130		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.41		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.756		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.613		25-130		59	SPK: -40
93951-97-4	Acenaphthylene-d8	22.82		10-130		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.641		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	24.109		25-125		60	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY055			SDG No.:	BM100924
Lab Sample ID:	P4187-18			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047945.D	1	9/26/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.979		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	25.719		25-130		64	SPK: -40
1718-52-1	Pyrene-d10	27.114		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.296		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233337	7.787				
1146-65-2	Naphthalene-d8	920306	10.581				
15067-26-2	Acenaphthene-d10	563178	14.421				
1517-22-2	Phenanthrene-d10	1148433	17.162				
1719-03-5	Chrysene-d12	1147164	21.386				
1520-96-3	Perylene-d12	1378954	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	2.2	J			18.057	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MS			SDG No.:	BM100924
Lab Sample ID:	P4187-14MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047946.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.9		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	29		2.5	5	10	ug/L
110-86-1	Pyridine	9.5	J	1.4	10	10	ug/L
108-95-2	Phenol	8.4	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	23		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	21		1.4	5	10	ug/L
98-86-2	Acetophenone	29		1.5	5	10	ug/L
106-44-5	4-Methylphenol	20		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	23		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	28		1.4	2.5	5	ug/L
78-59-1	Isophorone	30		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	38		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	23		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	29		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		1.5	2.5	5	ug/L
91-20-3	Naphthalene	31		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	25		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	29		1.2	2.5	5	ug/L
105-60-2	Caprolactam	6.3	J	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	33		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	33		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	16		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	38		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	38		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MS			SDG No.:	BM100924
Lab Sample ID:	P4187-14MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047946.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

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	33		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	32		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	41		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	34		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	37		0.84	5	10	ug/L
83-32-9	Acenaphthene	33		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	40		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	9.3	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	34		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	42		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	35		1.5	2.5	5	ug/L
86-73-7	Fluorene	34		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	44		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	38		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	34		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	36		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	37		1.6	2.5	5	ug/L
1912-24-9	Atrazine	27		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	37		3.6	5	10	ug/L
85-01-8	Phenanthrene	34		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.5	2.5	5	ug/L
120-12-7	Anthracene	34		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	36		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	36		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	36		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MS			SDG No.:	BM100924
Lab Sample ID:	P4187-14MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047946.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	40		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	37		1.4	2.5	5	ug/L
218-01-9	Chrysene	36		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	37		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	35		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	37		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	36		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	36		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	36		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	41		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.867		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	8.362		20-120		21	SPK: -40
4165-62-2	Phenol-d5	7.87		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.388		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.271		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	18.864		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	33.234		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.288		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.103		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.891		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.515		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	32.769		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.007		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	34.489		25-125		86	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MS			SDG No.:	BM100924
Lab Sample ID:	P4187-14MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047946.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.39		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	34.21		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	35.941		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.75		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	218929	7.792				
1146-65-2	Naphthalene-d8	885549	10.581				
15067-26-2	Acenaphthene-d10	540274	14.427				
1517-22-2	Phenanthrene-d10	1111552	17.162				
1719-03-5	Chrysene-d12	1102532	21.392				
1520-96-3	Perylene-d12	1270742	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MSD			SDG No.:	BM100924
Lab Sample ID:	P4187-15MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047947.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.4		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	27		2.5	5	10	ug/L
110-86-1	Pyridine	8.4	J	1.4	10	10	ug/L
108-95-2	Phenol	7.6	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	25		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	26		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	21		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19		1.4	5	10	ug/L
98-86-2	Acetophenone	26		1.5	5	10	ug/L
106-44-5	4-Methylphenol	18		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	24		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	22		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	25		1.4	2.5	5	ug/L
78-59-1	Isophorone	28		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	21		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.5	2.5	5	ug/L
91-20-3	Naphthalene	28		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		1.2	2.5	5	ug/L
105-60-2	Caprolactam	5.5	J	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	30		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	15		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	35		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	36		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MSD			SDG No.:	BM100924
Lab Sample ID:	P4187-15MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047947.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	30		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	32		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	38		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		0.84	5	10	ug/L
83-32-9	Acenaphthene	30		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	38		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	8.7	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	31		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	38		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	32		1.5	2.5	5	ug/L
86-73-7	Fluorene	30		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	40		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	35		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	31		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.6	2.5	5	ug/L
1912-24-9	Atrazine	25		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	34		3.6	5	10	ug/L
85-01-8	Phenanthrene	32		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	29		1.5	2.5	5	ug/L
120-12-7	Anthracene	31		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		1.2	2.5	5	ug/L
86-74-8	Carbazole	33		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	33		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MSD			SDG No.:	BM100924
Lab Sample ID:	P4187-15MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047947.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	37		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	34		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	33		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	32		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		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	37		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.423		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	7.012	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	7.107		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.228		25-120		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.24		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	17.04		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	30.386		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.492		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.067		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.838		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.566		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	29.961		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.164		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	31.71		25-125		79	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY072MSD			SDG No.:	BM100924
Lab Sample ID:	P4187-15MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047947.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.632		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	31.167		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	33.402		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.011		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	256548	7.786				
1146-65-2	Naphthalene-d8	1029048	10.58				
15067-26-2	Acenaphthene-d10	622693	14.427				
1517-22-2	Phenanthrene-d10	1271407	17.162				
1719-03-5	Chrysene-d12	1253167	21.386				
1520-96-3	Perylene-d12	1446881	24.379				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK686			SDG No.:	BM100924
Lab Sample ID:	PB163686BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047949.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK686			SDG No.:	BM100924
Lab Sample ID:	PB163686BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047949.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK686			SDG No.:	BM100924
Lab Sample ID:	PB163686BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047949.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

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	4.654		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	21.389		20-120		53	SPK: -40
4165-62-2	Phenol-d5	23.398		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.909		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.055		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.153		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	27.815		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.155		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.577		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.625		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.929		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.638		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.664		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	26.687		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK686			SDG No.:	BM100924
Lab Sample ID:	PB163686BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047949.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.549		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	26.268		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	27.055		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.714		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	258484	7.786				
1146-65-2	Naphthalene-d8	1008269	10.58				
15067-26-2	Acenaphthene-d10	605282	14.421				
1517-22-2	Phenanthrene-d10	1251622	17.162				
1719-03-5	Chrysene-d12	1248132	21.386				
1520-96-3	Perylene-d12	1508167	24.379				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK682			SDG No.:	BM100924
Lab Sample ID:	PB163682BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047950.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK682			SDG No.:	BM100924
Lab Sample ID:	PB163682BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047950.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK682			SDG No.:	BM100924
Lab Sample ID:	PB163682BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047950.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

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	5.346		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	23.537		20-120		59	SPK: -40
4165-62-2	Phenol-d5	25.771		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.975		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.731		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	26.331		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	30.089		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.089		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.963		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.219		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.765		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.672		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.663		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	29.978		25-125		75	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK682			SDG No.:	BM100924
Lab Sample ID:	PB163682BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047950.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.632		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	29.364		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	30.261		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.299		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216104	7.793				
1146-65-2	Naphthalene-d8	833317	10.581				
15067-26-2	Acenaphthene-d10	497076	14.422				
1517-22-2	Phenanthrene-d10	1026044	17.163				
1719-03-5	Chrysene-d12	1055313	21.386				
1520-96-3	Perylene-d12	1271793	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY071			SDG No.:	BM100924
Lab Sample ID:	P4187-10			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
BM047951.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY071			SDG No.:	BM100924
Lab Sample ID:	P4187-10			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
BM047951.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY071			SDG No.:	BM100924
Lab Sample ID:	P4187-10			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
BM047951.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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	4.769		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	3.904	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	11.488		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.831		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.829		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	23.178		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	31.467		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.941		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.318		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.881		1-146		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.634		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	31.011		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.408		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	32.669		25-125		82	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY071			SDG No.:	BM100924
Lab Sample ID:	P4187-10			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
BM047951.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.353		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	32.965		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	34.199		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.87		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	264403	7.792				
1146-65-2	Naphthalene-d8	1046942	10.58				
15067-26-2	Acenaphthene-d10	629506	14.421				
1517-22-2	Phenanthrene-d10	1303053	17.162				
1719-03-5	Chrysene-d12	1344328	21.386				
1520-96-3	Perylene-d12	1601703	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	17	J			7.857	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY077			SDG No.:	BM100924
Lab Sample ID:	P4187-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047952.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY077			SDG No.:	BM100924
Lab Sample ID:	P4187-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047952.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY077			SDG No.:	BM100924
Lab Sample ID:	P4187-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047952.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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	4.24		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	5.937	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	9.945		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.414		25-120		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.949		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	20.586		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	30.756		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.939		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.085		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.967		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.803		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.389		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.418		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	31.436		25-125		79	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY077			SDG No.:	BM100924
Lab Sample ID:	P4187-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047952.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.745		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	32.03		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	33.112		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.892		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	260646	7.787				
1146-65-2	Naphthalene-d8	1002425	10.581				
15067-26-2	Acenaphthene-d10	607077	14.422				
1517-22-2	Phenanthrene-d10	1278061	17.163				
1719-03-5	Chrysene-d12	1334948	21.386				
1520-96-3	Perylene-d12	1596529	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-88-3	Toluene	4.3	J			3.987	
000100-41-4	Ethylbenzene	11	J			5.305	
000106-42-3	p-Xylene	23	J			5.434	
000095-47-6	o-Xylene	22	J			5.804	
000098-82-8	Benzene, (1-methylethyl)-	3.6	J			6.281	
000103-65-1	Benzene, propyl-	10	J			6.775	
000611-14-3	Benzene, 1-ethyl-2-methyl-	33	J			6.881	
000526-73-8	Benzene, 1,2,3-trimethyl-	20	J			7.016	
000622-96-8	Benzene, 1-ethyl-4-methyl-	20	J			7.181	
000108-67-8	Mesitylene	90	J			7.44	
000095-63-6	Benzene, 1,2,4-trimethyl-	38	J			7.904	
000496-11-7	Indane	8.8	J			8.163	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	32	J			8.216	
000135-01-3	Benzene, 1,2-diethyl-	2.4	J			8.281	
001074-43-7	Benzene, 1-methyl-3-propyl-	4.9	J			8.34	
018368-95-1	1,3,8-p-Menthatriene	10	J			8.428	
001074-55-1	Benzene, 1-methyl-4-propyl-	3.1	J			8.593	

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY077			SDG No.:	BM100924
Lab Sample ID:	P4187-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047952.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	3.7	J			8.74	
000527-84-4	o-Cymene	3.7	J			8.793	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	3.2	J			9.475	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	5.7	J			9.987	
000119-61-9	Benzophenone	3.4	J			15.774	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY078			SDG No.:	BM100924
Lab Sample ID:	P4187-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047953.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY078			SDG No.:	BM100924
Lab Sample ID:	P4187-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047953.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY078			SDG No.:	BM100924
Lab Sample ID:	P4187-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047953.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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	3.421		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	5.606	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	7.395		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.726		25-120		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.844		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	17.67		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	28.592		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.054		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.275		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.04		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.68		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.393		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.005		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	29.635		25-125		74	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY078			SDG No.:	BM100924
Lab Sample ID:	P4187-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047953.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.99		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	30.161		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	31.727		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.794		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	314574	7.792				
1146-65-2	Naphthalene-d8	1264551	10.58				
15067-26-2	Acenaphthene-d10	800174	14.427				
1517-22-2	Phenanthrene-d10	1625417	17.162				
1719-03-5	Chrysene-d12	1630661	21.386				
1520-96-3	Perylene-d12	1912678	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-88-3	Toluene	130	J			3.987	
000100-41-4	Ethylbenzene	89	J			5.304	
000108-38-3	Benzene, 1,3-dimethyl-	170	J			5.44	
000095-47-6	o-Xylene	190	J			5.81	
000116-53-0	Butanoic acid, 2-methyl-	22	J			6.034	
000098-82-8	Benzene, (1-methylethyl)-	19	J			6.287	
000103-65-1	Benzene, propyl-	46	J			6.775	
000611-14-3	Benzene, 1-ethyl-2-methyl-	130	J			6.887	
000108-67-8	Mesitylene	73	J			7.016	
000622-96-8	Benzene, 1-ethyl-4-methyl-	110	J			7.187	
000526-73-8	Benzene, 1,2,3-trimethyl-	380	J			7.451	
000095-63-6	Benzene, 1,2,4-trimethyl-	200	J			7.91	
000496-11-7	Indane	57	J			8.163	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	51	J			8.222	
001074-43-7	Benzene, 1-methyl-3-propyl-	16	J			8.339	
000141-93-5	Benzene, 1,3-diethyl-	48	J			8.428	
000108-39-4	Phenol, 3-methyl-	36	J			8.563	

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY078			SDG No.:	BM100924
Lab Sample ID:	P4187-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047953.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain9.228	75	J			9.228	
	unknown-01	110	J			9.422	
	unknown-02	62	J			9.798	
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	23	J			9.992	
000091-20-3	Naph thalene	27	J			10.633	
	(DEL) Alkane: Straight-Chain11.116	9.1	J			11.116	
	unknown-03	16	J			11.41	
	unknown-04	22	J			11.492	
	unknown-05	19	J			11.657	
	(DEL) Alkane: Straight-Chain11.710	6.4	J			11.71	
	unknown-06	14	J			11.804	
	(DEL) Alkane: Straight-Chain11.945	32	J			11.945	
	unknown-07	24	J			12.086	
	unknown-08	15	J			12.11	
000091-57-6	Naphthalene, 2-methyl-	32	J			12.245	
000619-20-5	3-Ethylbenzoic acid	13	J			12.651	
002528-36-1	Phosphoric acid, dibutyl phenyl es	15	J			17.545	
E966796	Total Alkanes	120				99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY082			SDG No.:	BM100924
Lab Sample ID:	P4187-16			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047954.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY082			SDG No.:	BM100924
Lab Sample ID:	P4187-16			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047954.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY082			SDG No.:	BM100924
Lab Sample ID:	P4187-16			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047954.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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	3.459		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	5.267	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	7.138		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.844		25-120		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.383		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	17.341		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	29.387		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.503		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.174		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.418		1-146		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.442		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.898		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.611		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	30.971		25-125		77	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY082			SDG No.:	BM100924
Lab Sample ID:	P4187-16			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047954.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.247		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	31.442		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	32.965		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.815		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	262017	7.786				
1146-65-2	Naphthalene-d8	1050433	10.58				
15067-26-2	Acenaphthene-d10	637397	14.421				
1517-22-2	Phenanthrene-d10	1313611	17.162				
1719-03-5	Chrysene-d12	1324445	21.386				
1520-96-3	Perylene-d12	1586477	24.379				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	9.5	J			7.857	
000098-86-2	Aceto phenone	3.7	J			8.61	
000090-05-1	Phenol, 2-methoxy-	3.6	J			8.88	
000093-51-6	Creosol	3.1	J			10.492	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	7.6	J			17.833	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY083			SDG No.:	BM100924
Lab Sample ID:	P4187-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047955.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY083			SDG No.:	BM100924
Lab Sample ID:	P4187-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047955.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY083			SDG No.:	BM100924
Lab Sample ID:	P4187-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047955.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

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	3.319		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	4.424	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	6.639		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.299		25-120		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.65		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	16.744		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	29.365		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.055		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.19		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.448		1-146		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.496		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.568		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.789		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	29.2		25-125		73	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY083			SDG No.:	BM100924
Lab Sample ID:	P4187-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047955.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.113		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	30.239		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	32.52		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.006		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	283580	7.787				
1146-65-2	Naphthalene-d8	1148281	10.581				
15067-26-2	Acenaphthene-d10	711691	14.421				
1517-22-2	Phenanthrene-d10	1456687	17.162				
1719-03-5	Chrysene-d12	1402412	21.386				
1520-96-3	Perylene-d12	1685600	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	8.8	J			7.857	
000098-86-2	Aceto phenone	3.7	J			8.61	
000090-05-1	Phenol, 2-methoxy-	3.7	J			8.881	
000093-51-6	Creosol	3.1	J			10.492	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	6.6	J			17.833	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY049			SDG No.:	BM100924
Lab Sample ID:	P4187-05			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
BM047956.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	J	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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY049			SDG No.:	BM100924
Lab Sample ID:	P4187-05			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
BM047956.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

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

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY049			SDG No.:	BM100924
Lab Sample ID:	P4187-05			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
BM047956.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

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	3.663		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	4.067	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	7.409		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.973		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.227		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	17.589		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	31.91		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.231		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.342		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.645		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.209		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.273		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.42		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	33.329		25-125		83	SPK: -40

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY049			SDG No.:	BM100924
Lab Sample ID:	P4187-05			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
BM047956.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.598		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	33.497		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	34.066		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.693		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230589	7.787				
1146-65-2	Naphthalene-d8	895925	10.581				
15067-26-2	Acenaphthene-d10	535259	14.422				
1517-22-2	Phenanthrene-d10	1104965	17.163				
1719-03-5	Chrysene-d12	1171966	21.386				
1520-96-3	Perylene-d12	1386292	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	4.8	J			15.78	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY058			SDG No.:	BM100924
Lab Sample ID:	P4187-06			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
BM047957.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY058			SDG No.:	BM100924
Lab Sample ID:	P4187-06			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
BM047957.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY058			SDG No.:	BM100924
Lab Sample ID:	P4187-06			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
BM047957.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

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	4.253		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	8.125		20-120		20	SPK: -40
4165-62-2	Phenol-d5	9.183		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.623		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.673		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	20.22		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	33.446		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.916		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.54		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.459		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.793		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.795		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.948		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	34.584		25-125		86	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY058			SDG No.:	BM100924
Lab Sample ID:	P4187-06			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
BM047957.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.548		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	34.204		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	35.543		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.29		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220841	7.786				
1146-65-2	Naphthalene-d8	882126	10.58				
15067-26-2	Acenaphthene-d10	535780	14.421				
1517-22-2	Phenanthrene-d10	1103247	17.162				
1719-03-5	Chrysene-d12	1114500	21.386				
1520-96-3	Perylene-d12	1315196	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY066			SDG No.:	BM100924
Lab Sample ID:	P4187-07			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
BM047958.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY066			SDG No.:	BM100924
Lab Sample ID:	P4187-07			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
BM047958.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY066			SDG No.:	BM100924
Lab Sample ID:	P4187-07			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
BM047958.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

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	3.402		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	7.038	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	6.38		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.375		25-120		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.781		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	15.277		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	26.951		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.926		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.908		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.182		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.294		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	26.984		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.636		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	28.95		25-125		72	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY066			SDG No.:	BM100924
Lab Sample ID:	P4187-07			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
BM047958.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.923		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	31.293		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	32.819		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.086		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234526	7.787				
1146-65-2	Naphthalene-d8	911342	10.581				
15067-26-2	Acenaphthene-d10	541659	14.422				
1517-22-2	Phenanthrene-d10	1111229	17.163				
1719-03-5	Chrysene-d12	1155018	21.386				
1520-96-3	Perylene-d12	1381367	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	3.2	J			4.516	
000119-61-9	Benzophenone	4.5	J			15.774	
000057-10-3	n-Hexadecanoic acid	2.1	J			18.051	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY067			SDG No.:	BM100924
Lab Sample ID:	P4187-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047959.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163682

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY067			SDG No.:	BM100924
Lab Sample ID:	P4187-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047959.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163682

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY067			SDG No.:	BM100924
Lab Sample ID:	P4187-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047959.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163682

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	3.646		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	7.706	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	6.951		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.784		25-120		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.612		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	16.823		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	30.262		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.461		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.924		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.493		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.923		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.274		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.449		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	33.633		25-125		84	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY067			SDG No.:	BM100924
Lab Sample ID:	P4187-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047959.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.968		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	33.348		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	36.318		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.219		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241751	7.786				
1146-65-2	Naphthalene-d8	942792	10.58				
15067-26-2	Acenaphthene-d10	556617	14.421				
1517-22-2	Phenanthrene-d10	1154482	17.162				
1719-03-5	Chrysene-d12	1156040	21.38				
1520-96-3	Perylene-d12	1383647	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	5.8	J			15.78	
000057-10-3	n-Hexadecanoic acid	2.9	J			18.056	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY070			SDG No.:	BM100924
Lab Sample ID:	P4187-09			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
BM047960.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163682

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY070			SDG No.:	BM100924
Lab Sample ID:	P4187-09			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
BM047960.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163682

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

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY070			SDG No.:	BM100924
Lab Sample ID:	P4187-09			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
BM047960.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163682

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	3.371		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	4.436	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	6.613		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.584		25-120		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.262		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	16.079		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	27.96		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.884		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.478		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.994		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.065		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.633		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.774		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	32.035		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/24/2024 12:00:00 AM
Project:				Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	EY070			SDG No.:	BM100924
Lab Sample ID:	P4187-09			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
BM047960.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.486		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	32.91		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	34.713		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.222		20-130		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224150	7.787				
1146-65-2	Naphthalene-d8	876953	10.581				
15067-26-2	Acenaphthene-d10	524315	14.422				
1517-22-2	Phenanthrene-d10	1081014	17.163				
1719-03-5	Chrysene-d12	1104122	21.38				
1520-96-3	Perylene-d12	1315961	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	21	J			7.322	
000119-61-9	Benzophenone	3	J			15.774	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS684			SDG No.:	BM100924
Lab Sample ID:	PB163684BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047961.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.7		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	23		2.5	5	10	ug/L
110-86-1	Pyridine	21		1.4	10	10	ug/L
108-95-2	Phenol	24		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	23		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	27		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	25		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18		1.4	5	10	ug/L
98-86-2	Acetophenone	23		1.5	5	10	ug/L
106-44-5	4-Methylphenol	25		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	22		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	24		1.4	2.5	5	ug/L
78-59-1	Isophorone	24		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	21		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	24		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		1.5	2.5	5	ug/L
91-20-3	Naphthalene	26		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	21		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		1.2	2.5	5	ug/L
105-60-2	Caprolactam	29		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	27		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	20		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	30		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS684			SDG No.:	BM100924
Lab Sample ID:	PB163684BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047961.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	25		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	27		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	32		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	30		0.84	5	10	ug/L
83-32-9	Acenaphthene	26		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	30		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	27		1.5	5	10	ug/L
132-64-9	Dibenzofuran	27		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	32		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	27		1.5	2.5	5	ug/L
86-73-7	Fluorene	26		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	27		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	34		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	28		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	26		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	27		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	27		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		1.6	2.5	5	ug/L
1912-24-9	Atrazine	20		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	29		3.6	5	10	ug/L
85-01-8	Phenanthrene	27		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	24		1.5	2.5	5	ug/L
120-12-7	Anthracene	26		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	24		1.2	2.5	5	ug/L
86-74-8	Carbazole	28		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	27		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	27		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS684			SDG No.:	BM100924
Lab Sample ID:	PB163684BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047961.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	29		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		1.4	2.5	5	ug/L
218-01-9	Chrysene	27		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	27		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	26		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	28		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	27		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	31		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.592		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	21.931		20-120		55	SPK: -40
4165-62-2	Phenol-d5	24.84		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.577		25-120		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.208		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	25.128		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	28.502		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.515		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.208		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.592		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.29		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.904		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.487		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	28.149		25-125		70	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS684			SDG No.:	BM100924
Lab Sample ID:	PB163684BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047961.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163684

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.419		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	27.045		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	27.9		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.147		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	263197	7.787				
1146-65-2	Naphthalene-d8	1032122	10.58				
15067-26-2	Acenaphthene-d10	627514	14.421				
1517-22-2	Phenanthrene-d10	1318079	17.162				
1719-03-5	Chrysene-d12	1345008	21.386				
1520-96-3	Perylene-d12	1544120	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS686			SDG No.:	BM100924
Lab Sample ID:	PB163686BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047962.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.3		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	22		2.5	5	10	ug/L
110-86-1	Pyridine	20		1.4	10	10	ug/L
108-95-2	Phenol	23		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	22		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	26		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	23		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	17		1.4	5	10	ug/L
98-86-2	Acetophenone	23		1.5	5	10	ug/L
106-44-5	4-Methylphenol	23		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	21		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	24		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	22		1.4	2.5	5	ug/L
78-59-1	Isophorone	22		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	29		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	19		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	22		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	27		1.5	2.5	5	ug/L
91-20-3	Naphthalene	25		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	25		1.2	2.5	5	ug/L
105-60-2	Caprolactam	27		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	26		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	25		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	26		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	18		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	28		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	27		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS686			SDG No.:	BM100924
Lab Sample ID:	PB163686BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047962.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	25		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	25		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	23		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	25		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	28		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	26		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	27		0.84	5	10	ug/L
83-32-9	Acenaphthene	24		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	27		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	25		1.5	5	10	ug/L
132-64-9	Dibenzofuran	25		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	29		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	25		1.5	2.5	5	ug/L
86-73-7	Fluorene	24		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	25		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	31		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	26		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	25		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	25		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	26		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	26		1.6	2.5	5	ug/L
1912-24-9	Atrazine	19		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	26		3.6	5	10	ug/L
85-01-8	Phenanthrene	25		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	23		1.5	2.5	5	ug/L
120-12-7	Anthracene	24		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	23		1.2	2.5	5	ug/L
86-74-8	Carbazole	26		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	25		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	26		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS686			SDG No.:	BM100924
Lab Sample ID:	PB163686BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047962.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	25		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	27		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	27		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	26		1.4	2.5	5	ug/L
218-01-9	Chrysene	26		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	26		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	24		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	26		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	25		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	26		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	26		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	26		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	28		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.517		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	20.585		20-120		51	SPK: -40
4165-62-2	Phenol-d5	23.23		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.375		25-120		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.562		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	23.979		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	26.916		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.899		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.173		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.217		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.373		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.933		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.447		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	25.967		25-125		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SLCS686			SDG No.:	BM100924
Lab Sample ID:	PB163686BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047962.D	1	9/25/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163686

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.62		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	25.049		25-130		63	SPK: -40
1718-52-1	Pyrene-d10	26.048		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.395		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	242333	7.787				
1146-65-2	Naphthalene-d8	965354	10.581				
15067-26-2	Acenaphthene-d10	589595	14.422				
1517-22-2	Phenanthrene-d10	1207999	17.163				
1719-03-5	Chrysene-d12	1234479	21.386				
1520-96-3	Perylene-d12	1412680	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK768			SDG No.:	BM100924
Lab Sample ID:	PB163768BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047964.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

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

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK768			SDG No.:	BM100924
Lab Sample ID:	PB163768BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047964.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

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

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK768			SDG No.:	BM100924
Lab Sample ID:	PB163768BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047964.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

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	4.441		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	21.358		20-120		53	SPK: -40
4165-62-2	Phenol-d5	22.951		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.852		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.715		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	23.622		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	26.986		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.716		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.136		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.763		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.629		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.136		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.152		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	26.829		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/30/2024 12:00:00 AM
Project:				Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	SBLK768			SDG No.:	BM100924
Lab Sample ID:	PB163768BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047964.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.756		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	27.781		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	28.288		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.825		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	250385	7.787				
1146-65-2	Naphthalene-d8	970002	10.581				
15067-26-2	Acenaphthene-d10	579966	14.422				
1517-22-2	Phenanthrene-d10	1190784	17.163				
1719-03-5	Chrysene-d12	1239599	21.38				
1520-96-3	Perylene-d12	1493206	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK766			SDG No.:	BM100924
Lab Sample ID:	PB163766BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047965.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

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

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK766			SDG No.:	BM100924
Lab Sample ID:	PB163766BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047965.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

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

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK766			SDG No.:	BM100924
Lab Sample ID:	PB163766BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047965.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

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	4.233		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	20.474		20-120		51	SPK: -40
4165-62-2	Phenol-d5	22.065		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.055		25-120		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.337		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	22.463		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	25.922		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.618		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.292		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.583		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.057		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.649		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.697		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	26.307		25-125		66	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK766			SDG No.:	BM100924
Lab Sample ID:	PB163766BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047965.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.803		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	26.729		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	27.633		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.028		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234920	7.787				
1146-65-2	Naphthalene-d8	893442	10.581				
15067-26-2	Acenaphthene-d10	527455	14.421				
1517-22-2	Phenanthrene-d10	1092333	17.162				
1719-03-5	Chrysene-d12	1123656	21.38				
1520-96-3	Perylene-d12	1359805	24.368				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075MS	SDG No.:	BM100924
Lab Sample ID:	P4215-05MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047966.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	27		2.5	5	10	ug/L
110-86-1	Pyridine	8.8	J	1.4	10	10	ug/L
108-95-2	Phenol	8.4	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	25		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	27		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	22		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	20		1.4	5	10	ug/L
98-86-2	Acetophenone	26		1.5	5	10	ug/L
106-44-5	4-Methylphenol	19		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	24		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	27		1.4	2.5	5	ug/L
78-59-1	Isophorone	27		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	22		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.5	2.5	5	ug/L
91-20-3	Naphthalene	30		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	23		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	30		1.2	2.5	5	ug/L
105-60-2	Caprolactam	5.7	J	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	31		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	30		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	21		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	34		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	35		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075MS			SDG No.:	BM100924
Lab Sample ID:	P4215-05MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047966.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	30		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	32		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		0.84	5	10	ug/L
83-32-9	Acenaphthene	30		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	36		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	8.9	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	32		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	38		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	32		1.5	2.5	5	ug/L
86-73-7	Fluorene	31		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	41		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	34		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	30		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.6	2.5	5	ug/L
1912-24-9	Atrazine	24		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	35		3.6	5	10	ug/L
85-01-8	Phenanthrene	33		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.5	2.5	5	ug/L
120-12-7	Anthracene	32		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	28		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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075MS			SDG No.:	BM100924
Lab Sample ID:	P4215-05MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047966.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	33		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	31		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	35		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	34		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	32		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	33		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	33		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	38		1.4	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	8.64		20-120		22	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.215		15-120		53	SPK: -8
4165-62-2	Phenol-d5	8.227		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.168		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.162		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	19.005		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	32.558		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.319		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.377		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.118		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.264		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.804		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.148		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	33.646		25-125		84	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075MS			SDG No.:	BM100924
Lab Sample ID:	P4215-05MS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047966.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.146		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	34.048		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	35.109		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.635		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222528	7.787				
1146-65-2	Naphthalene-d8	866934	10.581				
15067-26-2	Acenaphthene-d10	533166	14.422				
1517-22-2	Phenanthrene-d10	1098559	17.163				
1719-03-5	Chrysene-d12	1121756	21.386				
1520-96-3	Perylene-d12	1276456	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075			SDG No.:	BM100924
Lab Sample ID:	P4215-04			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
BM047967.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.9		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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075			SDG No.:	BM100924
Lab Sample ID:	P4215-04			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
BM047967.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075			SDG No.:	BM100924
Lab Sample ID:	P4215-04			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
BM047967.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

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	3.506		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	9.361		20-120		23	SPK: -40
4165-62-2	Phenol-d5	7.511		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.894		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.635		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	17.907		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	30.943		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.579		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.353		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.325		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.448		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	30.245		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.796		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	31.912		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075			SDG No.:	BM100924
Lab Sample ID:	P4215-04			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
BM047967.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.219		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	33.585		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	34.029		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.492		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233333	7.787				
1146-65-2	Naphthalene-d8	914197	10.581				
15067-26-2	Acenaphthene-d10	540031	14.422				
1517-22-2	Phenanthrene-d10	1101422	17.163				
1719-03-5	Chrysene-d12	1141705	21.38				
1520-96-3	Perylene-d12	1371094	24.368				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	6.1	J			4.516	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075MSD			SDG No.:	BM100924
Lab Sample ID:	P4215-06MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047968.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

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	23		2.5	5	10	ug/L
110-86-1	Pyridine	7.8	J	1.4	10	10	ug/L
108-95-2	Phenol	7.4	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	22		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	24		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	19		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	17		1.4	5	10	ug/L
98-86-2	Acetophenone	23		1.5	5	10	ug/L
106-44-5	4-Methylphenol	16		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	21		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	22		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	23		1.4	2.5	5	ug/L
78-59-1	Isophorone	23		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	29		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	19		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	23		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	27		1.5	2.5	5	ug/L
91-20-3	Naphthalene	25		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	25		1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.9	J	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	26		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	25		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	26		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	19		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	29		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	30		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075MSD			SDG No.:	BM100924
Lab Sample ID:	P4215-06MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047968.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	26		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	26		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	32		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	31		0.84	5	10	ug/L
83-32-9	Acenaphthene	26		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	7.6	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	27		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	28		1.5	2.5	5	ug/L
86-73-7	Fluorene	27		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	27		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	35		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	25		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		1.6	2.5	5	ug/L
1912-24-9	Atrazine	21		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	30		3.6	5	10	ug/L
85-01-8	Phenanthrene	28		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	24		1.5	2.5	5	ug/L
120-12-7	Anthracene	28		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	24		1.2	2.5	5	ug/L
86-74-8	Carbazole	29		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	29		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	29		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075MSD			SDG No.:	BM100924
Lab Sample ID:	P4215-06MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047968.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	27		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	30		1.4	2.5	5	ug/L
218-01-9	Chrysene	29		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	28		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	28		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	29		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	29		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	29		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	32		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.291		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	7.573	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	7.152		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.036		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.533		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	16.486		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	28.155		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.86		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.547		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.76		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.673		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.11		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.72		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	28.817		25-125		72	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY075MSD			SDG No.:	BM100924
Lab Sample ID:	P4215-06MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047968.D	1	9/30/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163768

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.734		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	29.132		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	30.086		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.154		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	276149	7.787				
1146-65-2	Naphthalene-d8	1089477	10.581				
15067-26-2	Acenaphthene-d10	660850	14.422				
1517-22-2	Phenanthrene-d10	1358219	17.163				
1719-03-5	Chrysene-d12	1385614	21.386				
1520-96-3	Perylene-d12	1589368	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	EY027			SDG No.:	BM100924
Lab Sample ID:	P4215-01			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
BM047969.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.4		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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	EY027			SDG No.:	BM100924
Lab Sample ID:	P4215-01			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
BM047969.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

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

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	EY027			SDG No.:	BM100924
Lab Sample ID:	P4215-01			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
BM047969.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

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	3.854		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	7.143	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	7.435		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.969		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.943		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	18.124		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	31.392		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.211		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.385		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.733		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.613		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	30.702		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.178		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	32.198		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/26/2024 12:00:00 AM
Project:				Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	EY027			SDG No.:	BM100924
Lab Sample ID:	P4215-01			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
BM047969.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.208		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	33.894		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	35.157		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.28		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	243236	7.787				
1146-65-2	Naphthalene-d8	953926	10.581				
15067-26-2	Acenaphthene-d10	560255	14.421				
1517-22-2	Phenanthrene-d10	1147651	17.162				
1719-03-5	Chrysene-d12	1173517	21.38				
1520-96-3	Perylene-d12	1404660	24.368				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY054			SDG No.:	BM100924
Lab Sample ID:	P4207-15			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047970.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY054			SDG No.:	BM100924
Lab Sample ID:	P4207-15			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047970.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

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

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY054			SDG No.:	BM100924
Lab Sample ID:	P4207-15			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047970.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

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	8.485		20-120		21	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.305		15-120		54	SPK: -8
4165-62-2	Phenol-d5	11.214		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.084		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.336		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	22.941		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	31.257		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.521		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.655		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.086		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.949		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	31.275		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.806		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	32.951		25-125		82	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/25/2024 12:00:00 AM
Project:				Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY054			SDG No.:	BM100924
Lab Sample ID:	P4207-15			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047970.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163766

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.111		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	33.376		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	35.128		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.937		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	256975	7.787				
1146-65-2	Naphthalene-d8	1017013	10.575				
15067-26-2	Acenaphthene-d10	604416	14.421				
1517-22-2	Phenanthrene-d10	1231121	17.157				
1719-03-5	Chrysene-d12	1217718	21.38				
1520-96-3	Perylene-d12	1465079	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BM100924

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : EY049									
P4187-05	EY049	Water	Benzophenone	*	4.800	J			
P4187-05	EY049	Water	Total Alkanes	*	0.000		1.7	5.1	ug/L
			Total Tics :		**4.80**				
P4187-05	EY049	Water	1,4-Dioxane		1.200	J	0.5	2	ug/L
			Total Svoc :		**1.20**				
			Total Concentration:		**6.00**				
Client ID : EY058									
P4187-06	EY058	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID : EY066									
P4187-07	EY066	Water	Benzophenone	*	4.500	J			
P4187-07	EY066	Water	n-Hexadecanoic acid	*	2.100	J			
P4187-07	EY066	Water	Tetrachloroethylene	*	3.200	J			
P4187-07	EY066	Water	Total Alkanes	*	0.000		1.7	5.1	ug/L
			Total Tics :		**9.80**				
			Total Concentration:		**9.80**				
Client ID : EY067									
P4187-08	EY067	Water	Benzophenone	*	5.800	J			
P4187-08	EY067	Water	n-Hexadecanoic acid	*	2.900	J			
P4187-08	EY067	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**8.70**				
			Total Concentration:		**8.70**				
Client ID : EY070									
P4187-09	EY070	Water	Benzophenone	*	3.000	J			
P4187-09	EY070	Water	unknown-01	*	21.000	J			
P4187-09	EY070	Water	Total Alkanes	*	0.000		1.7	5.1	ug/L
			Total Tics :		**24.00**				
			Total Concentration:		**24.00**				
Client ID : EY071									
P4187-10	EY071	Water	1-Hexanol, 2-ethyl-	*	17.000	J			
P4187-10	EY071	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**17.00**				
			Total Concentration:		**17.00**				
Client ID : EY077									

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Hit Summary Sheet
SW-846

SDG No.: BM100924

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4187-11	EY077	Water	1,3,8-p-Menthatriene	*	10.000	J			
P4187-11	EY077	Water	Benzene, (1-methylethyl)-	*	3.600	J			
P4187-11	EY077	Water	Benzene, 1,2,3-trimethyl-	*	20.000	J			
P4187-11	EY077	Water	Benzene, 1,2,4,5-tetramethyl-	*	3.200	J			
P4187-11	EY077	Water	Benzene, 1,2,4-trimethyl-	*	38.000	J			
P4187-11	EY077	Water	Benzene, 1,2-diethyl-	*	2.400	J			
P4187-11	EY077	Water	Benzene, 1-ethyl-2-methyl-	*	33.000	J			
P4187-11	EY077	Water	Benzene, 1-ethyl-4-methyl-	*	20.000	J			
P4187-11	EY077	Water	Benzene, 1-methyl-3-(1-methyleth	*	5.700	J			
P4187-11	EY077	Water	Benzene, 1-methyl-3-propyl-	*	4.900	J			
P4187-11	EY077	Water	Benzene, 1-methyl-4-propyl-	*	3.100	J			
P4187-11	EY077	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	3.700	J			
P4187-11	EY077	Water	Benzene, propyl-	*	10.000	J			
P4187-11	EY077	Water	Benzophenone	*	3.400	J			
P4187-11	EY077	Water	Cyclohexanone, 3,3,5-trimethyl-	*	32.000	J			
P4187-11	EY077	Water	Ethylbenzene	*	11.000	J			
P4187-11	EY077	Water	Indane	*	8.800	J			
P4187-11	EY077	Water	Mesitylene	*	90.000	J			
P4187-11	EY077	Water	o-Cymene	*	3.700	J			
P4187-11	EY077	Water	o-Xylene	*	22.000	J			
P4187-11	EY077	Water	p-Xylene	*	23.000	J			
P4187-11	EY077	Water	Toluene	*	4.300	J			
P4187-11	EY077	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**355.80**				
			Total Concentration:		**355.80**				

Client ID : EY078

P4187-12	EY078	Water	(DEL) Alkane: Straight-Chain11.1	*	9.100	J			
P4187-12	EY078	Water	(DEL) Alkane: Straight-Chain11.7	*	6.400	J			
P4187-12	EY078	Water	(DEL) Alkane: Straight-Chain11.9	*	32.000	J			
P4187-12	EY078	Water	(DEL) Alkane: Straight-Chain9.22	*	75.000	J			
P4187-12	EY078	Water	3-Ethylbenzoic acid	*	13.000	J			
P4187-12	EY078	Water	Benzene, (1-methylethyl)-	*	19.000	J			
P4187-12	EY078	Water	Benzene, 1,2,3,5-tetramethyl-	*	23.000	J			
P4187-12	EY078	Water	Benzene, 1,2,3-trimethyl-	*	380.000	J			
P4187-12	EY078	Water	Benzene, 1,2,4-trimethyl-	*	200.000	J			
P4187-12	EY078	Water	Benzene, 1,3-diethyl-	*	48.000	J			
P4187-12	EY078	Water	Benzene, 1,3-dimethyl-	*	170.000	J			
P4187-12	EY078	Water	Benzene, 1-ethyl-2-methyl-	*	130.000	J			
P4187-12	EY078	Water	Benzene, 1-ethyl-4-methyl-	*	110.000	J			
P4187-12	EY078	Water	Benzene, 1-methyl-3-propyl-	*	16.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BM100924

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4187-12	EY078	Water	Benzene, propyl-	*	46.000	J			
P4187-12	EY078	Water	Butanoic acid, 2-methyl-	*	22.000	J			
P4187-12	EY078	Water	Cyclohexanone, 3,3,5-trimethyl-	*	51.000	J			
P4187-12	EY078	Water	Ethylbenzene	*	89.000	J			
P4187-12	EY078	Water	Indane	*	57.000	J			
P4187-12	EY078	Water	Mesitylene	*	73.000	J			
P4187-12	EY078	Water	Naph thalene	*	27.000	J			
P4187-12	EY078	Water	Naphthalene, 2-methyl-	*	32.000	J			
P4187-12	EY078	Water	o-Xylene	*	190.000	J			
P4187-12	EY078	Water	Phenol, 3-methyl-	*	36.000	J			
P4187-12	EY078	Water	Phosphoric acid, dibutyl phenyl es	*	15.000	J			
P4187-12	EY078	Water	Toluene	*	130.000	J			
P4187-12	EY078	Water	unknown-01	*	110.000	J			
P4187-12	EY078	Water	unknown-02	*	62.000	J			
P4187-12	EY078	Water	unknown-03	*	16.000	J			
P4187-12	EY078	Water	unknown-04	*	22.000	J			
P4187-12	EY078	Water	unknown-05	*	19.000	J			
P4187-12	EY078	Water	unknown-06	*	14.000	J			
P4187-12	EY078	Water	unknown-07	*	24.000	J			
P4187-12	EY078	Water	unknown-08	*	15.000	J			
P4187-12	EY078	Water	Total Alkanes	*	120.000		1.7	5.1	ug/L
			Total Tics :		**2,401.50**				
			Total Concentration:		**2,401.50**				
Client ID :	**EY072**								
P4187-13	EY072	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**EY082**								
P4187-16	EY082	Water	1-Hexanol, 2-ethyl-	*	9.500	J			
P4187-16	EY082	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	7.600	J			
P4187-16	EY082	Water	Aceto phenone	*	3.700	J			
P4187-16	EY082	Water	Creosol	*	3.100	J			
P4187-16	EY082	Water	Phenol, 2-methoxy-	*	3.600	J			
P4187-16	EY082	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**27.50**				
			Total Concentration:		**27.50**				
Client ID :	**EY083**								
P4187-17	EY083	Water	1-Hexanol, 2-ethyl-	*	8.800	J			
P4187-17	EY083	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	6.600	J			

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Hit Summary Sheet
SW-846

SDG No.: BM100924

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4187-17	EY083	Water	Aceto phenone	*	3.700	J			
P4187-17	EY083	Water	Creosol	*	3.100	J			
P4187-17	EY083	Water	Phenol, 2-methoxy-	*	3.700	J			
P4187-17	EY083	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**25.90**		
			Total Concentration:				**25.90**		
Client ID :	**EY055**								
P4187-18	EY055	Water	n-Hexadecanoic acid	*	2.200	J			
P4187-18	EY055	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**2.20**		
			Total Concentration:				**2.20**		
Client ID :	**EY054**								
P4207-15	EY054	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**EY027**								
P4215-01	EY027	Water	Total Alkanes	*	0.000		1.7	5.1	ug/L
			Total Tics :				**0.00**		
P4215-01	EY027	Water	1,4-Dioxane		3.400		0.5	2	ug/L
			Total Svoc :				**3.40**		
			Total Concentration:				**3.40**		
Client ID :	**EY075**								
P4215-04	EY075	Water	Tetrachloroethylene	*	6.100	J			
P4215-04	EY075	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**6.10**		
P4215-04	EY075	Water	1,4-Dioxane		9.900		0.49	2	ug/L
			Total Svoc :				**9.90**		
			Total Concentration:				**16.00**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092724 SAS No.: BM092724 SDG No.: BM092724

Instrument ID: Calibration Date(s): 9/27/2024

Calibration Time(s): 18:16

LAB FILE ID: RRFAL1 = BM047679.D RRFAL2 = BM047680.D RRFAL3 = BM047681.D
RRFAL4 = BM047682.D RRFAL5 = BM047683.D RRFAL6 = BM047684.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.671	0.724	0.713	0.649	0.623		0.676	6.3
Benzaldehyde		1.153	1.250	1.163	0.824	0.752	1.028	21.8
Pyridine		1.986	1.962	1.928	1.863	1.799	1.908	4.0
Hexachloroethane	0.613	0.672	0.661	0.664	0.667		0.655	3.7
Nitrobenzene	0.396	0.468	0.449	0.470	0.479		0.452	7.4
Isophorone	0.663	0.825	0.821	0.856	0.881		0.809	10.5
2-Nitrophenol	0.133	0.171	0.176	0.189	0.204		0.175	15.1
2,4-Dimethylphenol	0.317	0.379	0.378	0.386	0.409		0.374	9.1
Bis(2-Chloroethoxy)methane	0.438	0.518	0.500	0.504	0.515		0.495	6.6
2,4-Dichlorophenol	0.260	0.319	0.319	0.330	0.345		0.315	10.2
Naphthalene	1.059	1.212	1.151	1.154	1.176		1.150	4.9
4-Chloroaniline		0.451	0.455	0.468	0.487	0.459	0.464	3.1
Hexachlorobutadiene	0.193	0.222	0.208	0.207	0.210		0.208	5.0
Phenol		1.896	1.915	2.021	2.098	2.131	2.012	5.2
Caprolactam		0.085	0.093	0.104	0.108	0.112	0.101	11.0
4-Chloro-3-methylphenol	0.261	0.315	0.327	0.352	0.375		0.326	13.2
1-Methylnaphthalene	0.652	0.762	0.740	0.769	0.796		0.744	7.4
2-Methylnaphthalene	0.639	0.747	0.723	0.758	0.788		0.731	7.7
Hexachlorocyclopentadiene		0.389	0.384	0.393	0.404	0.399	0.394	2.1
2,4,6-Trichlorophenol	0.289	0.381	0.385	0.401	0.428		0.377	13.9
2,4,5-Trichlorophenol	0.326	0.424	0.413	0.435	0.462		0.412	12.5
1,1-Biphenyl	1.442	1.703	1.600	1.612	1.650		1.601	6.1
2-Chloronaphthalene	1.113	1.310	1.243	1.245	1.282		1.238	6.1
2-Nitroaniline	0.290	0.368	0.397	0.440	0.471		0.393	17.7
Bis(2-Chloroethyl)ether		1.597	1.587	1.603	1.630	1.600	1.603	1.0
Dimethylphthalate	1.308	1.529	1.475	1.493	1.538		1.468	6.4
2,6-Dinitrotoluene	0.186	0.241	0.262	0.287	0.313		0.258	18.8
Acenaphthylene	1.661	2.017	1.954	2.026	2.037		1.939	8.2
3-Nitroaniline		0.265	0.301	0.327	0.329	0.340	0.312	9.6
Acenaphthene	1.233	1.440	1.371	1.392	1.417		1.371	5.9
2,4-Dinitrophenol		0.108	0.131	0.158	0.186	0.214	0.159	26.4
4-Nitrophenol		0.215	0.228	0.252	0.265	0.252	0.242	8.4
Dibenzofuran	1.685	1.938	1.851	1.879	1.872		1.845	5.1
2,4-Dinitrotoluene	0.278	0.372	0.397	0.430	0.459		0.387	18.0
Diethylphthalate	1.276	1.521	1.470	1.514	1.565		1.469	7.7
2-Chlorophenol	1.263	1.469	1.475	1.512	1.570		1.458	8.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092724 SAS No.: BM092724 SDG No.: BM092724

Instrument ID: Calibration Date(s): 9/27/2024

Calibration Time(s): 18:16

LAB FILE ID: RRFAL1 = BM047679.D RRFAL2 = BM047680.D RRFAL3 = BM047681.D
RRFAL4 = BM047682.D RRFAL5 = BM047683.D RRFAL6 = BM047684.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.354	1.599	1.572	1.596	1.575		1.539	6.8
4-Chlorophenyl-phenylether	0.634	0.754	0.733	0.757	0.759		0.727	7.3
4-Nitroaniline		0.278	0.324	0.343	0.291	0.280	0.303	9.5
4,6-Dinitro-2-methylphenol		0.107	0.118	0.135	0.144	0.144	0.130	12.8
N-Nitrosodiphenylamine	0.538	0.646	0.637	0.652	0.643		0.623	7.7
1,2,4,5-Tetrachlorobenzene	0.595	0.689	0.647	0.651	0.674		0.651	5.5
4-Bromophenyl-phenylether	0.182	0.214	0.204	0.213	0.218		0.206	7.0
Hexachlorobenzene	0.213	0.248	0.239	0.246	0.254		0.240	6.6
Atrazine		0.207	0.206	0.215	0.225	0.184	0.207	7.4
Pentachlorophenol		0.130	0.138	0.153	0.170	0.172	0.153	12.2
2-Methylphenol		1.296	1.306	1.405	1.494	1.515	1.403	7.3
Phenanthrene	1.063	1.218	1.183	1.198	1.203		1.173	5.4
Pentachlorobenzene	0.311	0.339	0.318	0.325	0.324		0.323	3.2
Anthracene	1.051	1.237	1.210	1.252	1.232		1.196	6.9
1,2,3,4-Tetrachlorobenzene	0.309	0.355	0.328	0.329	0.335		0.331	5.0
Carbazole		1.079	1.078	1.125	1.112	1.028	1.084	3.5
Di-n-butylphthalate	0.956	1.180	1.209	1.314	1.377		1.207	13.4
Fluoranthene	1.192	1.374	1.326	1.375	1.417		1.337	6.5
Pyrene	1.326	1.548	1.474	1.545	1.547		1.488	6.4
Butylbenzylphthalate	0.400	0.496	0.512	0.578	0.644		0.526	17.4
3,3-Dichlorobenzidine		0.391	0.411	0.442	0.455	0.414	0.423	6.1
2,2-oxybis(1-Chloropropane)		3.100	3.033	3.057	3.063	2.839	3.018	3.4
Benzo(a)anthracene	1.266	1.453	1.388	1.434	1.461		1.400	5.7
Chrysene	1.267	1.430	1.363	1.387	1.379		1.365	4.4
Bis(2-ethylhexyl)phthalate	0.571	0.746	0.778	0.902	0.951		0.790	18.8
Di-n-octyl phthalate		1.041	1.121	1.350	1.481	1.456	1.290	15.4
Benzo(b)fluoranthene	1.082	1.294	1.241	1.299	1.321		1.247	7.8
Benzo(k)fluoranthene	1.095	1.325	1.245	1.348	1.365		1.275	8.7
Benzo(a)pyrene	1.006	1.221	1.170	1.253	1.272		1.185	9.0
Indeno(1,2,3-cd)pyrene	1.315	1.579	1.491	1.572	1.632		1.518	8.2
Dibenzo(a,h)anthracene	1.078	1.279	1.213	1.291	1.360		1.244	8.6
Benzo(g,h,i)perylene	1.053	1.236	1.171	1.227	1.259		1.189	7.0
Acetophenone		2.324	2.336	2.451	2.530	2.388	2.406	3.6
2,3,4,6-Tetrachlorophenol	0.252	0.319	0.333	0.352	0.368		0.325	13.8
1,4-Dioxane-d8	0.649	0.654	0.641	0.589	0.561		0.619	6.7
Pyridine-d5		1.858	1.823	1.840	1.796	1.744	1.812	2.4

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092724 SAS No.: BM092724 SDG No.: BM092724

Instrument ID: Calibration Date(s): 9/27/2024

Calibration Time(s): 18:16

LAB FILE ID: RRFAL1 = BM047679.D RRFAL2 = BM047680.D RRFAL3 = BM047681.D
RRFAL4 = BM047682.D RRFAL5 = BM047683.D RRFAL6 = BM047684.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.757	1.800	1.872	1.985	2.042	1.891	6.4
Bis-(2-Chloroethyl)ether-d8		1.366	1.339	1.339	1.360	1.305	1.342	1.8
2-Chlorophenol-d4	1.153	1.367	1.403	1.446	1.510		1.376	9.9
4-Methylphenol-d8		1.277	1.323	1.427	1.498	1.506	1.406	7.3
Nitrobenzene-d5	0.127	0.161	0.161	0.169	0.178		0.159	12.3
2-Nitrophenol-d4	0.115	0.145	0.148	0.169	0.187		0.153	17.8
2,4-Dichlorophenol-d3	0.243	0.309	0.308	0.323	0.341		0.305	12.1
4-Chloroaniline-d4		0.456	0.455	0.474	0.499	0.473	0.471	3.8
4-Methylphenol		1.494	1.481	1.594	1.666	1.649	1.577	5.4
Dimethylphthalate-d6	1.296	1.500	1.447	1.482	1.525		1.450	6.2
Acenaphthylene-d8	1.440	1.765	1.733	1.812	1.847		1.719	9.4
4-Nitrophenol-d4		0.238	0.267	0.298	0.322	0.319	0.289	12.5
Fluorene-d10	1.094	1.290	1.261	1.300	1.335		1.256	7.5
4,6-Dinitro-2-methylphenol-		0.092	0.103	0.121	0.134	0.135	0.117	16.2
Anthracene-d10	0.860	1.003	0.983	1.025	1.046		0.983	7.4
Pyrene-d10	0.983	1.161	1.119	1.181	1.232		1.135	8.3
Benzo(a)pyrene-d12	0.862	1.064	1.026	1.096	1.140		1.038	10.3
N-Nitroso-di-n-propylamine	1.034	1.260	1.284	1.385	1.409		1.274	11.7

All other compounds must meet a minimum RRF of 0.010.

Alliance TECHNICAL GROUP
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

EPA Sample No.: SSTD020022 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 12:48

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	138731	7.816	553617	10.61	324022	14.45
	UPPER LIMIT	277462	8.316	1107234	11.11	648044	14.951
	LOWER LIMIT	69365.5	7.316	276808.5	10.11	162011	13.951
	EPA SAMPLE NO.						
01	SBLK684	268595	7.79	1.04214e	10.58	633660	14.43
02	EY072	184729	7.79	720448	10.58	427561	14.43
03	EY055	233337	7.79	920306	10.58	563178	14.42
04	EY072MS	218929	7.79	885549	10.58	540274	14.43
05	EY072MSD	256548	7.79	1.02905e	10.58	622693	14.43
06	SBLK686	258484	7.79	1.00827e	10.58	605282	14.42
07	SBLK682	216104	7.79	833317	10.58	497076	14.42
08	EY071	264403	7.79	1.04694e	10.58	629506	14.42
09	EY077	260646	7.79	1.00243e	10.58	607077	14.42
10	EY078	314574 *	7.79	1.26455e *	10.58	800174 *	14.43
11	EY082	262017	7.79	1.05043e	10.58	637397	14.42
12	EY083	283580 *	7.79	1.14828e *	10.58	711691 *	14.42
13	EY049	230589	7.79	895925	10.58	535259	14.42
14	EY058	220841	7.79	882126	10.58	535780	14.42
15	EY066	234526	7.79	911342	10.58	541659	14.42
16	EY067	241751	7.79	942792	10.58	556617	14.42
17	EY070	224150	7.79	876953	10.58	524315	14.42
18	SLCS684	263197	7.79	1.03212e	10.58	627514	14.42
19	SLCS686	242333	7.79	965354	10.58	589595	14.42
20	SBLK768	250385	7.79	970002	10.58	579966	14.42
21	SBLK766	234920	7.79	893442	10.58	527455	14.42
22	EY075MS	222528	7.79	866934	10.58	533166	14.42
23	EY075	233333	7.79	914197	10.58	540031	14.42

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

EPA Sample No.: SSTD020022 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 07:13

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	138731	7.816	553617	10.61	324022	14.45
	UPPER LIMIT	277462	8.316	1107234	11.11	648044	14.951
	LOWER LIMIT	69365.5	7.316	276808.5	10.11	162011	13.951
	EPA SAMPLE NO.						
24	EY075MSD	276149	7.79	1.08948e	10.58	660850 *	14.42
25	EY027	243236	7.79	953926	10.58	560255	14.42
26	EY054	256975	7.79	1.01701e	10.58	604416	14.42

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

EPA Sample No.: SSTD020172 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BM047942.D Time Analyzed: 12:48

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	215907	7.792	859567	10.58	529334	14.43
	UPPER LIMIT	431814	8.292	1719134	11.081	1058668	14.927
	LOWER LIMIT	107953.5	7.292	429783.5	10.081	264667	13.927
	EPA SAMPLE NO.						
01	SBLK684	268595	7.79	1.04214e	10.58	633660	14.43
02	EY072	184729	7.79	720448	10.58	427561	14.43
03	EY055	233337	7.79	920306	10.58	563178	14.42
04	EY072MS	218929	7.79	885549	10.58	540274	14.43
05	EY072MSD	256548	7.79	1.02905e	10.58	622693	14.43

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

EPA Sample No.: SSTD020173 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BM047948.D Time Analyzed: 18:03

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	236180	7.787	943813	10.58	576654	14.43
	UPPER LIMIT	472360	8.287	1887626	11.081	1153308	14.927
	LOWER LIMIT	118090	7.287	471906.5	10.081	288327	13.927
	EPA SAMPLE NO.						
01	SBLK686	258484	7.79	1.00827e	10.58	605282	14.42
02	SBLK682	216104	7.79	833317	10.58	497076	14.42
03	EY071	264403	7.79	1.04694e	10.58	629506	14.42
04	EY077	260646	7.79	1.00243e	10.58	607077	14.42
05	EY078	314574	7.79	1.26455e	10.58	800174	14.43
06	EY082	262017	7.79	1.05043e	10.58	637397	14.42
07	EY083	283580	7.79	1.14828e	10.58	711691	14.42
08	EY049	230589	7.79	895925	10.58	535259	14.42
09	EY058	220841	7.79	882126	10.58	535780	14.42
10	EY066	234526	7.79	911342	10.58	541659	14.42
11	EY067	241751	7.79	942792	10.58	556617	14.42
12	EY070	224150	7.79	876953	10.58	524315	14.42
13	SLCS684	263197	7.79	1.03212e	10.58	627514	14.42
14	SLCS686	242333	7.79	965354	10.58	589595	14.42

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

EPA Sample No.: SSTD020174 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BM047963.D Time Analyzed: 04:35

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	242120	7.786	957258	10.58	576526	14.42
	UPPER LIMIT	484240	8.286	1914516	11.08	1153052	14.921
	LOWER LIMIT	121060	7.286	478629	10.08	288263	13.921
	EPA SAMPLE NO.						
01	SBLK768	250385	7.79	970002	10.58	579966	14.42
02	SBLK766	234920	7.79	893442	10.58	527455	14.42
03	EY075MS	222528	7.79	866934	10.58	533166	14.42
04	EY075	233333	7.79	914197	10.58	540031	14.42
05	EY075MSD	276149	7.79	1.08948e	10.58	660850	14.42
06	EY027	243236	7.79	953926	10.58	560255	14.42
07	EY054	256975	7.79	1.01701e	10.58	604416	14.42

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

EPA Sample No.: SSTD020022 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 12:48

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	619410	17.186	588645	21.409	637397	24.415
	UPPER LIMIT	1238820	17.686	1177290	21.909	1274794	24.915
	LOWER LIMIT	309705	16.686	294322.5	20.909	318698.5	23.915
	EPA SAMPLE NO.						
01	SBLK684	1.29937*	17.16	1.39374e+ *	21.39	1.66918e+ *	24.38
02	EY072	875814	17.16	944867	21.39	1.16547e+	24.38
03	EY055	1.14843	17.16	1.14716e+	21.39	1.37895e+ *	24.37
04	EY072MS	1.11155	17.16	1.10253e+	21.39	1.27074e+	24.38
05	EY072MSD	1.27141*	17.16	1.25317e+ *	21.39	1.44688e+ *	24.38
06	SBLK686	1.25162*	17.16	1.24813e+ *	21.39	1.50817e+ *	24.38
07	SBLK682	1.02604	17.16	1.05531e+	21.39	1.27179e+	24.38
08	EY071	1.30305*	17.16	1.34433e+ *	21.39	1.6017e+0 *	24.37
09	EY077	1.27806*	17.16	1.33495e+ *	21.39	1.59653e+ *	24.38
10	EY078	1.62542*	17.16	1.63066e+ *	21.39	1.91268e+ *	24.38
11	EY082	1.31361*	17.16	1.32445e+ *	21.39	1.58648e+ *	24.38
12	EY083	1.45669*	17.16	1.40241e+ *	21.39	1.6856e+0 *	24.37
13	EY049	1.10497	17.16	1.17197e+	21.39	1.38629e+ *	24.37
14	EY058	1.10325	17.16	1.1145e+0	21.39	1.3152e+0 *	24.37
15	EY066	1.11123	17.16	1.15502e+	21.39	1.38137e+ *	24.37
16	EY067	1.15448	17.16	1.15604e+	21.38	1.38365e+ *	24.37
17	EY070	1.08101	17.16	1.10412e+	21.38	1.31596e+ *	24.37
18	SLCS684	1.31808*	17.16	1.34501e+ *	21.39	1.54412e+ *	24.37
19	SLCS686	1.208e+	17.16	1.23448e+ *	21.39	1.41268e+ *	24.37
20	SBLK768	1.19078	17.16	1.2396e+0 *	21.38	1.49321e+ *	24.37
21	SBLK766	1.09233	17.16	1.12366e+	21.38	1.35981e+ *	24.37

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

EPA Sample No.: SSTD020022 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 05:54

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	619410	17.186	588645	21.409	637397	24.415
	UPPER LIMIT	1238820	17.686	1177290	21.909	1274794	24.915
	LOWER LIMIT	309705	16.686	294322.5	20.909	318698.5	23.915
	EPA SAMPLE NO.						
22	EY075MS	1.09856	17.16	1.12176e+	21.39	1.27646e+ *	24.37
23	EY075	1.10142	17.16	1.14171e+	21.38	1.37109e+ *	24.37
24	EY075MSD	1.35822*	17.16	1.38561e+ *	21.39	1.58937e+ *	24.37
25	EY027	1.14765	17.16	1.17352e+	21.38	1.40466e+ *	24.37
26	EY054	1.23112	17.16	1.21772e+ *	21.38	1.46508e+ *	24.37

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

EPA Sample No.: SSTD020172 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BM047942.D Time Analyzed: 12:48

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	1.11007e+0(	17.162	1.16676e+	21.392	1.40961e+0(	24.386
	UPPER LIMIT	2220140	17.662	2333520	21.892	2819220	24.886
	LOWER LIMIT	555035	16.662	583380	20.892	704805	23.886
	EPA SAMPLE NO.						
01	SBLK684	1.29937	17.16	1.39374e+	21.39	1.66918e+	24.38
02	EY072	875814	17.16	944867	21.39	1.16547e+	24.38
03	EY055	1.14843	17.16	1.14716e+	21.39	1.37895e+	24.37
04	EY072MS	1.11155	17.16	1.10253e+	21.39	1.27074e+	24.38
05	EY072MSD	1.27141	17.16	1.25317e+	21.39	1.44688e+	24.38

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

EPA Sample No.: SSTD020173 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BM047948.D Time Analyzed: 18:03

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	1.16957e+0(	17.162	1.18862e+	21.386	1.36896e+0(	24.38
	UPPER LIMIT	2339140	17.662	2377240	21.886	2737920	24.88
	LOWER LIMIT	584785	16.662	594310	20.886	684480	23.88
	EPA SAMPLE NO.						
01	SBLK686	1.25162	17.16	1.24813e+	21.39	1.50817e+	24.38
02	SBLK682	1.02604	17.16	1.05531e+	21.39	1.27179e+	24.38
03	EY071	1.30305	17.16	1.34433e+	21.39	1.6017e+0	24.37
04	EY077	1.27806	17.16	1.33495e+	21.39	1.59653e+	24.38
05	EY078	1.62542	17.16	1.63066e+	21.39	1.91268e+	24.38
06	EY082	1.31361	17.16	1.32445e+	21.39	1.58648e+	24.38
07	EY083	1.45669	17.16	1.40241e+	21.39	1.6856e+0	24.37
08	EY049	1.10497	17.16	1.17197e+	21.39	1.38629e+	24.37
09	EY058	1.10325	17.16	1.1145e+0	21.39	1.3152e+0	24.37
10	EY066	1.11123	17.16	1.15502e+	21.39	1.38137e+	24.37
11	EY067	1.15448	17.16	1.15604e+	21.38	1.38365e+	24.37
12	EY070	1.08101	17.16	1.10412e+	21.38	1.31596e+	24.37
13	SLCS684	1.31808	17.16	1.34501e+	21.39	1.54412e+	24.37
14	SLCS686	1.208e+	17.16	1.23448e+	21.39	1.41268e+	24.37

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.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

EPA Sample No.: SSTD020174 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BM047963.D Time Analyzed: 04:35

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	1.18595e+0(	17.162	1.23891e+	21.386	1.43962e+0(	24.374
	UPPER LIMIT	2371900	17.662	2477820	21.886	2879240	24.874
	LOWER LIMIT	592975	16.662	619455	20.886	719810	23.874
	EPA SAMPLE NO.						
01	SBLK768	1.19078	17.16	1.2396e+0	21.38	1.49321e+	24.37
02	SBLK766	1.09233	17.16	1.12366e+	21.38	1.35981e+	24.37
03	EY075MS	1.09856	17.16	1.12176e+	21.39	1.27646e+	24.37
04	EY075	1.10142	17.16	1.14171e+	21.38	1.37109e+	24.37
05	EY075MSD	1.35822	17.16	1.38561e+	21.39	1.58937e+	24.37
06	EY027	1.14765	17.16	1.17352e+	21.38	1.40466e+	24.37
07	EY054	1.23112	17.16	1.21772e+	21.38	1.46508e+	24.37

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.

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163684BS	1,4-Dioxane	16	8.7	ug/L	54				0	0	
	Benzaldehyde	40	23	ug/L	58				0	0	
	Pyridine	40	21	ug/L	52				0	0	
	Phenol	40	24	ug/L	60				0	0	
	Bis(2-chloroethyl)ether	40	23	ug/L	58				0	0	
	2-Chlorophenol	40	27	ug/L	68				0	0	
	2-Methylphenol	40	25	ug/L	63				0	0	
	2,2-oxybis(1-Chloropropane)	40	18	ug/L	45				0	0	
	Acetophenone	40	23	ug/L	58				0	0	
	4-Methylphenol	40	25	ug/L	63				0	0	
	N-Nitroso-di-n-propylamine	40	22	ug/L	55				0	0	
	Hexachloroethane	40	25	ug/L	63				0	0	
	Nitrobenzene	40	24	ug/L	60				0	0	
	Isophorone	40	24	ug/L	60				0	0	
	2-Nitrophenol	40	31	ug/L	78				0	0	
	2,4-Dimethylphenol	40	21	ug/L	52				0	0	
	Bis(2-chloroethoxy)methane	40	24	ug/L	60				0	0	
	2,4-Dichlorophenol	40	29	ug/L	73				0	0	
	Naphthalene	40	26	ug/L	65				0	0	
	4-Chloroaniline	40	21	ug/L	52				0	0	
	Hexachlorobutadiene	40	28	ug/L	70				0	0	
	Caprolactam	40	29	ug/L	73				0	0	
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0	
	1-Methylnaphthalene	40	27	ug/L	68				0	0	
	2-Methylnaphthalene	40	27	ug/L	68				0	0	
	Hexachlorocyclopentadiene	40	20	ug/L	50				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	30	ug/L	75				0	0	
	1,1'-Biphenyl	40	26	ug/L	65				0	0	
	2-Chloronaphthalene	40	27	ug/L	68				0	0	
	2-Nitroaniline	40	25	ug/L	63				0	0	
	Dimethylphthalate	40	27	ug/L	68				0	0	
	2,6-Dinitrotoluene	40	32	ug/L	80				0	0	
	Acenaphthylene	40	28	ug/L	70				0	0	
	3-Nitroaniline	40	30	ug/L	75				0	0	
	Acenaphthene	40	26	ug/L	65				0	0	
	2,4-Dinitrophenol	40	30	ug/L	75				0	0	
	4-Nitrophenol	40	27	ug/L	68				0	0	
	Dibenzofuran	40	27	ug/L	68				0	0	
	2,4-Dinitrotoluene	40	32	ug/L	80				0	0	
	Diethylphthalate	40	27	ug/L	68				0	0	
	Fluorene	40	26	ug/L	65				0	0	
	4-Chlorophenyl-phenylether	40	27	ug/L	68				0	0	
	4-Nitroaniline	40	34	ug/L	85				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163684BS	4,6-Dinitro-2-methylphenol	40	28	ug/L	70				0	0	
	N-Nitrosodiphenylamine	40	26	ug/L	65				0	0	
	1,2,4,5-Tetrachlorobenzene	40	27	ug/L	68				0	0	
	4-Bromophenyl-phenylether	40	27	ug/L	68				0	0	
	Hexachlorobenzene	40	28	ug/L	70				0	0	
	Atrazine	40	20	ug/L	50				0	0	
	Pentachlorophenol	40	29	ug/L	73				0	0	
	Phenanthrene	40	27	ug/L	68				0	0	
	Pentachlorobenzene	40	24	ug/L	60				0	0	
	Anthracene	40	26	ug/L	65				0	0	
	1,2,3,4-Tetrachlorobenzene	40	24	ug/L	60				0	0	
	Carbazole	40	28	ug/L	70				0	0	
	Di-n-butylphthalate	40	27	ug/L	68				0	0	
	Fluoranthene	40	27	ug/L	68				0	0	
	Pyrene	40	27	ug/L	68				0	0	
	Butylbenzylphthalate	40	29	ug/L	73				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	28	ug/L	70				0	0	
	Chrysene	40	27	ug/L	68				0	0	
	Bis(2-ethylhexyl)phthalate	40	27	ug/L	68				0	0	
	Di-n-octylphthalate	40	26	ug/L	65				0	0	
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(k)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(a)pyrene	40	27	ug/L	68				0	0	
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0	
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0	
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0	
	2,3,4,6-Tetrachlorophenol	40	31	ug/L	78				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163686BS	1,4-Dioxane	16	8.3	ug/L	52				0	0	
	Benzaldehyde	40	22	ug/L	55				0	0	
	Pyridine	40	20	ug/L	50				0	0	
	Phenol	40	23	ug/L	58				0	0	
	Bis(2-chloroethyl)ether	40	22	ug/L	55				0	0	
	2-Chlorophenol	40	26	ug/L	65				0	0	
	2-Methylphenol	40	23	ug/L	58				0	0	
	2,2-oxybis(1-Chloropropane)	40	17	ug/L	43				0	0	
	Acetophenone	40	23	ug/L	58				0	0	
	4-Methylphenol	40	23	ug/L	58				0	0	
	N-Nitroso-di-n-propylamine	40	21	ug/L	52				0	0	
	Hexachloroethane	40	24	ug/L	60				0	0	
	Nitrobenzene	40	22	ug/L	55				0	0	
	Isophorone	40	22	ug/L	55				0	0	
	2-Nitrophenol	40	29	ug/L	73				0	0	
	2,4-Dimethylphenol	40	19	ug/L	48				0	0	
	Bis(2-chloroethoxy)methane	40	22	ug/L	55				0	0	
	2,4-Dichlorophenol	40	27	ug/L	68				0	0	
	Naphthalene	40	25	ug/L	63				0	0	
	4-Chloroaniline	40	20	ug/L	50				0	0	
	Hexachlorobutadiene	40	25	ug/L	63				0	0	
	Caprolactam	40	27	ug/L	68				0	0	
	4-Chloro-3-methylphenol	40	26	ug/L	65				0	0	
	1-Methylnaphthalene	40	25	ug/L	63				0	0	
	2-Methylnaphthalene	40	26	ug/L	65				0	0	
	Hexachlorocyclopentadiene	40	18	ug/L	45				0	0	
	2,4,6-Trichlorophenol	40	28	ug/L	70				0	0	
	2,4,5-Trichlorophenol	40	27	ug/L	68				0	0	
	1,1'-Biphenyl	40	25	ug/L	63				0	0	
	2-Chloronaphthalene	40	25	ug/L	63				0	0	
	2-Nitroaniline	40	23	ug/L	58				0	0	
	Dimethylphthalate	40	25	ug/L	63				0	0	
	2,6-Dinitrotoluene	40	28	ug/L	70				0	0	
	Acenaphthylene	40	26	ug/L	65				0	0	
	3-Nitroaniline	40	27	ug/L	68				0	0	
	Acenaphthene	40	24	ug/L	60				0	0	
	2,4-Dinitrophenol	40	27	ug/L	68				0	0	
	4-Nitrophenol	40	25	ug/L	63				0	0	
	Dibenzofuran	40	25	ug/L	63				0	0	
	2,4-Dinitrotoluene	40	29	ug/L	73				0	0	
	Diethylphthalate	40	25	ug/L	63				0	0	
	Fluorene	40	24	ug/L	60				0	0	
	4-Chlorophenyl-phenylether	40	25	ug/L	63				0	0	
	4-Nitroaniline	40	31	ug/L	78				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB163686BS	4,6-Dinitro-2-methylphenol	40	26	ug/L	65				0	0	
	N-Nitrosodiphenylamine	40	25	ug/L	63				0	0	
	1,2,4,5-Tetrachlorobenzene	40	25	ug/L	63				0	0	
	4-Bromophenyl-phenylether	40	26	ug/L	65				0	0	
	Hexachlorobenzene	40	26	ug/L	65				0	0	
	Atrazine	40	19	ug/L	48				0	0	
	Pentachlorophenol	40	26	ug/L	65				0	0	
	Phenanthrene	40	25	ug/L	63				0	0	
	Pentachlorobenzene	40	23	ug/L	58				0	0	
	Anthracene	40	24	ug/L	60				0	0	
	1,2,3,4-Tetrachlorobenzene	40	23	ug/L	58				0	0	
	Carbazole	40	26	ug/L	65				0	0	
	Di-n-butylphthalate	40	25	ug/L	63				0	0	
	Fluoranthene	40	26	ug/L	65				0	0	
	Pyrene	40	25	ug/L	63				0	0	
	Butylbenzylphthalate	40	27	ug/L	68				0	0	
	3,3'-Dichlorobenzidine	40	27	ug/L	68				0	0	
	Benzo(a)anthracene	40	26	ug/L	65				0	0	
	Chrysene	40	26	ug/L	65				0	0	
	Bis(2-ethylhexyl)phthalate	40	26	ug/L	65				0	0	
	Di-n-octylphthalate	40	24	ug/L	60				0	0	
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(k)fluoranthene	40	26	ug/L	65				0	0	
	Benzo(a)pyrene	40	25	ug/L	63				0	0	
	Indeno(1,2,3-cd)pyrene	40	26	ug/L	65				0	0	
	Dibenzo(a,h)anthracene	40	26	ug/L	65				0	0	
	Benzo(g,h,i)perylene	40	26	ug/L	65				0	0	
	2,3,4,6-Tetrachlorophenol	40	28	ug/L	70				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK682

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

Lab File ID: BM047950.D Lab Sample ID: PB163682BL

Instrument ID: BNA_M Date Extracted: 09/25/2024

Matrix: (soil/water) Water Date Analyzed: 10/09/2024

Level: (low/med) LOW Time Analyzed: 18:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EY049	P4187-05	BM047956.D	10/09/2024
EY058	P4187-06	BM047957.D	10/09/2024
EY066	P4187-07	BM047958.D	10/09/2024
EY067	P4187-08	BM047959.D	10/10/2024
EY070	P4187-09	BM047960.D	10/10/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK684

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

Lab File ID: BM047943.D Lab Sample ID: PB163684BL

Instrument ID: BNA_M Date Extracted: 09/25/2024

Matrix: (soil/water) Water Date Analyzed: 10/09/2024

Level: (low/med) LOW Time Analyzed: 12:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EY071	P4187-10	BM047951.D	10/09/2024
EY077	P4187-11	BM047952.D	10/09/2024
EY078	P4187-12	BM047953.D	10/09/2024
EY082	P4187-16	BM047954.D	10/09/2024
EY083	P4187-17	BM047955.D	10/09/2024
PB163684BS	PB163684BS	BM047961.D	10/10/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK686

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

Lab File ID: BM047949.D Lab Sample ID: PB163686BL

Instrument ID: BNA_M Date Extracted: 09/25/2024

Matrix: (soil/water) Water Date Analyzed: 10/09/2024

Level: (low/med) LOW Time Analyzed: 18:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163686BS	PB163686BS	BM047962.D	10/10/2024
EY072	P4187-13	BM047944.D	10/09/2024
EY072MS	P4187-14MS	BM047946.D	10/09/2024
EY072MSD	P4187-15MSD	BM047947.D	10/09/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EY055

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

Lab File ID: BM047945.D Lab Sample ID: P4187-18

Instrument ID: BNA_M Date Extracted: 09/26/2024

Matrix: (soil/water) Water Date Analyzed: 10/09/2024

Level: (low/med) LOW Time Analyzed: 15:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EY055	P4187-18	BM047945.D	10/09/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK766

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

Lab File ID: BM047965.D Lab Sample ID: PB163766BL

Instrument ID: BNA_M Date Extracted: 09/27/2024

Matrix: (soil/water) Water Date Analyzed: 10/10/2024

Level: (low/med) LOW Time Analyzed: 05:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EY027	P4215-01	BM047969.D	10/10/2024
EY054	P4207-15	BM047970.D	10/10/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK768

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM100924 SAS No.: BM100924 SDG NO.: BM100924

Lab File ID: BM047964.D Lab Sample ID: PB163768BL

Instrument ID: BNA_M Date Extracted: 09/30/2024

Matrix: (soil/water) Water Date Analyzed: 10/10/2024

Level: (low/med) LOW Time Analyzed: 04:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EY075MS	P4215-05MS	BM047966.D	10/10/2024
EY075	P4215-04	BM047967.D	10/10/2024
EY075MSD	P4215-06MSD	BM047968.D	10/10/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4187-14MS		**Client Sample ID:**	**EY072MS**					**DataFile:**	**BM047946.D**		
1,4-Dioxane	16		4.9	ug/L	31				15	120	
Benzaldehyde	40		29	ug/L	73				0	0	
Pyridine	40		9.5	ug/L	24				0	0	
Phenol	40		8.4	ug/L	21				12	110	
Bis(2-chloroethyl)ether	40		27	ug/L	68				0	0	
2-Chlorophenol	40		29	ug/L	73				27	123	
2-Methylphenol	40		23	ug/L	58				0	0	
2,2-oxybis(1-Chloropropane)	40		21	ug/L	52				0	0	
Acetophenone	40		29	ug/L	73				0	0	
4-Methylphenol	40		20	ug/L	50				0	0	
N-Nitroso-di-n-propylamine	40		27	ug/L	68				41	116	
Hexachloroethane	40		23	ug/L	58				0	0	
Nitrobenzene	40		28	ug/L	70				0	0	
Isophorone	40		30	ug/L	75				0	0	
2-Nitrophenol	40		38	ug/L	95				0	0	
2,4-Dimethylphenol	40		23	ug/L	58				0	0	
Bis(2-chloroethoxy)methane	40		29	ug/L	73				0	0	
2,4-Dichlorophenol	40		35	ug/L	88				0	0	
Naphthalene	40		31	ug/L	78				0	0	
4-Chloroaniline	40		25	ug/L	63				0	0	
Hexachlorobutadiene	40		29	ug/L	73				0	0	
Caprolactam	40		6.3	ug/L	16				0	0	
4-Chloro-3-methylphenol	40		34	ug/L	85				23	97	
1-Methylnaphthalene	40		33	ug/L	83				0	0	
2-Methylnaphthalene	40		33	ug/L	83				0	0	
Hexachlorocyclopentadiene	40		16	ug/L	40				0	0	
2,4,6-Trichlorophenol	40		38	ug/L	95				0	0	
2,4,5-Trichlorophenol	40		38	ug/L	95				0	0	
1,1'-Biphenyl	40		32	ug/L	80				0	0	
2-Chloronaphthalene	40		33	ug/L	83				0	0	
2-Nitroaniline	40		32	ug/L	80				0	0	
Dimethylphthalate	40		35	ug/L	88				0	0	
2,6-Dinitrotoluene	40		41	ug/L	103				0	0	
Acenaphthylene	40		34	ug/L	85				0	0	
3-Nitroaniline	40		37	ug/L	93				0	0	
Acenaphthene	40		33	ug/L	83				46	118	
2,4-Dinitrophenol	40		40	ug/L	100				0	0	
4-Nitrophenol	40		9.3	ug/L	23				10	80	
Dibenzofuran	40		34	ug/L	85				0	0	
2,4-Dinitrotoluene	40		42	ug/L	105	*			24	96	
Diethylphthalate	40		35	ug/L	88				0	0	
Fluorene	40		34	ug/L	85				0	0	
4-Chlorophenyl-phenylether	40		33	ug/L	83				0	0	
4-Nitroaniline	40		44	ug/L	110				0	0	
4,6-Dinitro-2-methylphenol	40		38	ug/L	95				0	0	
N-Nitrosodiphenylamine	40		34	ug/L	85				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	40		32	ug/L	80				0	0	
4-Bromophenyl-phenylether	40		36	ug/L	90				0	0	
Hexachlorobenzene	40		37	ug/L	93				0	0	
Atrazine	40		27	ug/L	68				0	0	
Pentachlorophenol	40		37	ug/L	93				9	103	
Phenanthrene	40		34	ug/L	85				0	0	
Pentachlorobenzene	40		31	ug/L	78				0	0	
Anthracene	40		34	ug/L	85				0	0	
1,2,3,4-Tetrachlorobenzene	40		30	ug/L	75				0	0	
Carbazole	40		36	ug/L	90				0	0	
Di-n-butylphthalate	40		36	ug/L	90				0	0	
Fluoranthene	40		36	ug/L	90				0	0	
Pyrene	40		35	ug/L	88				26	127	
Butylbenzylphthalate	40		40	ug/L	100				0	0	
3,3'-Dichlorobenzidine	40		36	ug/L	90				0	0	
Benzo(a)anthracene	40		37	ug/L	93				0	0	
Chrysene	40		36	ug/L	90				0	0	
Bis(2-ethylhexyl)phthalate	40		37	ug/L	93				0	0	
Di-n-octylphthalate	40		35	ug/L	88				0	0	
Benzo(b)fluoranthene	40		37	ug/L	93				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		36	ug/L	90				0	0	
Dibenzo(a,h)anthracene	40		36	ug/L	90				0	0	
Benzo(g,h,i)perylene	40		36	ug/L	90				0	0	
2,3,4,6-Tetrachlorophenol	40		41	ug/L	103				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: P4187-15MSD		**Client Sample ID:**	EY072MSD					**DataFile:**	BM047947.D		
1,4-Dioxane	16		4.4	ug/L	28		10		15	120	50
Benzaldehyde	40		27	ug/L	68		7	*	0	0	0
Pyridine	40		8.4	ug/L	21		13	*	0	0	0
Phenol	40		7.6	ug/L	19		10		12	110	42
Bis(2-chloroethyl)ether	40		25	ug/L	63		8	*	0	0	0
2-Chlorophenol	40		26	ug/L	65		12		27	123	40
2-Methylphenol	40		21	ug/L	52		11	*	0	0	0
2,2-oxybis(1-Chloropropane)	40		19	ug/L	48		8	*	0	0	0
Acetophenone	40		26	ug/L	65		12	*	0	0	0
4-Methylphenol	40		18	ug/L	45		11	*	0	0	0
N-Nitroso-di-n-propylamine	40		24	ug/L	60		13		41	116	38
Hexachloroethane	40		22	ug/L	55		5	*	0	0	0
Nitrobenzene	40		25	ug/L	63		11	*	0	0	0
Isophorone	40		28	ug/L	70		7	*	0	0	0
2-Nitrophenol	40		34	ug/L	85		11	*	0	0	0
2,4-Dimethylphenol	40		21	ug/L	52		11	*	0	0	0
Bis(2-chloroethoxy)methane	40		26	ug/L	65		12	*	0	0	0
2,4-Dichlorophenol	40		32	ug/L	80		10	*	0	0	0
Naphthalene	40		28	ug/L	70		11	*	0	0	0
4-Chloroaniline	40		22	ug/L	55		14	*	0	0	0
Hexachlorobutadiene	40		26	ug/L	65		12	*	0	0	0
Caprolactam	40		5.5	ug/L	14		13	*	0	0	0
4-Chloro-3-methylphenol	40		30	ug/L	75		13		23	97	42
1-Methylnaphthalene	40		30	ug/L	75		10	*	0	0	0
2-Methylnaphthalene	40		30	ug/L	75		10	*	0	0	0
Hexachlorocyclopentadiene	40		15	ug/L	38		5	*	0	0	0
2,4,6-Trichlorophenol	40		35	ug/L	88		8	*	0	0	0
2,4,5-Trichlorophenol	40		36	ug/L	90		5	*	0	0	0
1,1'-Biphenyl	40		30	ug/L	75		6	*	0	0	0
2-Chloronaphthalene	40		30	ug/L	75		10	*	0	0	0
2-Nitroaniline	40		30	ug/L	75		6	*	0	0	0
Dimethylphthalate	40		32	ug/L	80		10	*	0	0	0
2,6-Dinitrotoluene	40		38	ug/L	95		8	*	0	0	0
Acenaphthylene	40		31	ug/L	78		9	*	0	0	0
3-Nitroaniline	40		35	ug/L	88		6	*	0	0	0
Acenaphthene	40		30	ug/L	75		10		46	118	31
2,4-Dinitrophenol	40		38	ug/L	95		5	*	0	0	0
4-Nitrophenol	40		8.7	ug/L	22		4		10	80	50
Dibenzofuran	40		31	ug/L	78		9	*	0	0	0
2,4-Dinitrotoluene	40		38	ug/L	95		10		24	96	38
Diethylphthalate	40		32	ug/L	80		10	*	0	0	0
Fluorene	40		30	ug/L	75		13	*	0	0	0
4-Chlorophenyl-phenylether	40		31	ug/L	78		6	*	0	0	0
4-Nitroaniline	40		40	ug/L	100		10	*	0	0	0
4,6-Dinitro-2-methylphenol	40		35	ug/L	88		8	*	0	0	0
N-Nitrosodiphenylamine	40		31	ug/L	78		9	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	40		29	ug/L	73	9	*		0	0	0
4-Bromophenyl-phenylether	40		33	ug/L	83	8	*		0	0	0
Hexachlorobenzene	40		34	ug/L	85	9	*		0	0	0
Atrazine	40		25	ug/L	63	8	*		0	0	0
Pentachlorophenol	40		34	ug/L	85	9			9	103	50
Phenanthrene	40		32	ug/L	80	6	*		0	0	0
Pentachlorobenzene	40		29	ug/L	73	7	*		0	0	0
Anthracene	40		31	ug/L	78	9	*		0	0	0
1,2,3,4-Tetrachlorobenzene	40		28	ug/L	70	7	*		0	0	0
Carbazole	40		33	ug/L	83	8	*		0	0	0
Di-n-butylphthalate	40		33	ug/L	83	8	*		0	0	0
Fluoranthene	40		33	ug/L	83	8	*		0	0	0
Pyrene	40		32	ug/L	80	10			26	127	31
Butylbenzylphthalate	40		37	ug/L	93	7	*		0	0	0
3,3'-Dichlorobenzidine	40		33	ug/L	83	8	*		0	0	0
Benzo(a)anthracene	40		34	ug/L	85	9	*		0	0	0
Chrysene	40		33	ug/L	83	8	*		0	0	0
Bis(2-ethylhexyl)phthalate	40		35	ug/L	88	6	*		0	0	0
Di-n-octylphthalate	40		33	ug/L	83	6	*		0	0	0
Benzo(b)fluoranthene	40		34	ug/L	85	9	*		0	0	0
Benzo(k)fluoranthene	40		32	ug/L	80	6	*		0	0	0
Benzo(a)pyrene	40		31	ug/L	78	9	*		0	0	0
Indeno(1,2,3-cd)pyrene	40		33	ug/L	83	8	*		0	0	0
Dibenzo(a,h)anthracene	40		33	ug/L	83	8	*		0	0	0
Benzo(g,h,i)perylene	40		33	ug/L	83	8	*		0	0	0
2,3,4,6-Tetrachlorophenol	40		37	ug/L	93	10	*		0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4215-05MS		**Client Sample ID: EY075MS**						**DataFile: BM047966.D**			
1,4-Dioxane	16	9.9	14	ug/L	26				15	120	
Benzaldehyde	40		27	ug/L	68				0	0	
Pyridine	40		8.8	ug/L	22				0	0	
Phenol	40		8.4	ug/L	21				12	110	
Bis(2-chloroethyl)ether	40		25	ug/L	63				0	0	
2-Chlorophenol	40		27	ug/L	68				27	123	
2-Methylphenol	40		22	ug/L	55				0	0	
2,2-oxybis(1-Chloropropane)	40		20	ug/L	50				0	0	
Acetophenone	40		26	ug/L	65				0	0	
4-Methylphenol	40		19	ug/L	48				0	0	
N-Nitroso-di-n-propylamine	40		24	ug/L	60				41	116	
Hexachloroethane	40		25	ug/L	63				0	0	
Nitrobenzene	40		27	ug/L	68				0	0	
Isophorone	40		27	ug/L	68				0	0	
2-Nitrophenol	40		34	ug/L	85				0	0	
2,4-Dimethylphenol	40		22	ug/L	55				0	0	
Bis(2-chloroethoxy)methane	40		27	ug/L	68				0	0	
2,4-Dichlorophenol	40		32	ug/L	80				0	0	
Naphthalene	40		30	ug/L	75				0	0	
4-Chloroaniline	40		23	ug/L	58				0	0	
Hexachlorobutadiene	40		30	ug/L	75				0	0	
Caprolactam	40		5.7	ug/L	14				0	0	
4-Chloro-3-methylphenol	40		31	ug/L	78				23	97	
1-Methylnaphthalene	40		30	ug/L	75				0	0	
2-Methylnaphthalene	40		31	ug/L	78				0	0	
Hexachlorocyclopentadiene	40		21	ug/L	52				0	0	
2,4,6-Trichlorophenol	40		34	ug/L	85				0	0	
2,4,5-Trichlorophenol	40		35	ug/L	88				0	0	
1,1'-Biphenyl	40		30	ug/L	75				0	0	
2-Chloronaphthalene	40		30	ug/L	75				0	0	
2-Nitroaniline	40		30	ug/L	75				0	0	
Dimethylphthalate	40		32	ug/L	80				0	0	
2,6-Dinitrotoluene	40		37	ug/L	93				0	0	
Acenaphthylene	40		31	ug/L	78				0	0	
3-Nitroaniline	40		35	ug/L	88				0	0	
Acenaphthene	40		30	ug/L	75				46	118	
2,4-Dinitrophenol	40		36	ug/L	90				0	0	
4-Nitrophenol	40		8.9	ug/L	22				10	80	
Dibenzofuran	40		32	ug/L	80				0	0	
2,4-Dinitrotoluene	40		38	ug/L	95				24	96	
Diethylphthalate	40		32	ug/L	80				0	0	
Fluorene	40		31	ug/L	78				0	0	
4-Chlorophenyl-phenylether	40		31	ug/L	78				0	0	
4-Nitroaniline	40		41	ug/L	103				0	0	
4,6-Dinitro-2-methylphenol	40		34	ug/L	85				0	0	
N-Nitrosodiphenylamine	40		32	ug/L	80				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	40		30	ug/L	75				0	0	
4-Bromophenyl-phenylether	40		33	ug/L	83				0	0	
Hexachlorobenzene	40		34	ug/L	85				0	0	
Atrazine	40		24	ug/L	60				0	0	
Pentachlorophenol	40		35	ug/L	88				9	103	
Phenanthrene	40		33	ug/L	83				0	0	
Pentachlorobenzene	40		28	ug/L	70				0	0	
Anthracene	40		32	ug/L	80				0	0	
1,2,3,4-Tetrachlorobenzene	40		28	ug/L	70				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		33	ug/L	83				26	127	
Butylbenzylphthalate	40		36	ug/L	90				0	0	
3,3'-Dichlorobenzidine	40		31	ug/L	78				0	0	
Benzo(a)anthracene	40		35	ug/L	88				0	0	
Chrysene	40		33	ug/L	83				0	0	
Bis(2-ethylhexyl)phthalate	40		34	ug/L	85				0	0	
Di-n-octylphthalate	40		32	ug/L	80				0	0	
Benzo(b)fluoranthene	40		35	ug/L	88				0	0	
Benzo(k)fluoranthene	40		33	ug/L	83				0	0	
Benzo(a)pyrene	40		33	ug/L	83				0	0	
Indeno(1,2,3-cd)pyrene	40		34	ug/L	85				0	0	
Dibenzo(a,h)anthracene	40		34	ug/L	85				0	0	
Benzo(g,h,i)perylene	40		34	ug/L	85				0	0	
2,3,4,6-Tetrachlorophenol	40		38	ug/L	95				0	0	

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4215-06MSD		**Client Sample ID: EY075MSD**						**DataFile:**	**BM047968.D**		
1,4-Dioxane	16	9.9	12	ug/L	13	*	67	*	15	120	50
Benzaldehyde	40		23	ug/L	58		16	*	0	0	0
Pyridine	40		7.8	ug/L	20		10	*	0	0	0
Phenol	40		7.4	ug/L	19		10		12	110	42
Bis(2-chloroethyl)ether	40		22	ug/L	55		14	*	0	0	0
2-Chlorophenol	40		24	ug/L	60		13		27	123	40
2-Methylphenol	40		19	ug/L	48		14	*	0	0	0
2,2-oxybis(1-Chloropropane)	40		17	ug/L	43		15	*	0	0	0
Acetophenone	40		23	ug/L	58		11	*	0	0	0
4-Methylphenol	40		16	ug/L	40		18	*	0	0	0
N-Nitroso-di-n-propylamine	40		21	ug/L	52		14		41	116	38
Hexachloroethane	40		22	ug/L	55		14	*	0	0	0
Nitrobenzene	40		23	ug/L	58		16	*	0	0	0
Isophorone	40		23	ug/L	58		16	*	0	0	0
2-Nitrophenol	40		29	ug/L	73		15	*	0	0	0
2,4-Dimethylphenol	40		19	ug/L	48		14	*	0	0	0
Bis(2-chloroethoxy)methane	40		23	ug/L	58		16	*	0	0	0
2,4-Dichlorophenol	40		27	ug/L	68		16	*	0	0	0
Naphthalene	40		25	ug/L	63		17	*	0	0	0
4-Chloroaniline	40		20	ug/L	50		15	*	0	0	0
Hexachlorobutadiene	40		25	ug/L	63		17	*	0	0	0
Caprolactam	40		4.9	ug/L	12		15	*	0	0	0
4-Chloro-3-methylphenol	40		26	ug/L	65		18		23	97	42
1-Methylnaphthalene	40		25	ug/L	63		17	*	0	0	0
2-Methylnaphthalene	40		26	ug/L	65		18	*	0	0	0
Hexachlorocyclopentadiene	40		19	ug/L	48		8	*	0	0	0
2,4,6-Trichlorophenol	40		29	ug/L	73		15	*	0	0	0
2,4,5-Trichlorophenol	40		30	ug/L	75		16	*	0	0	0
1,1'-Biphenyl	40		26	ug/L	65		14	*	0	0	0
2-Chloronaphthalene	40		26	ug/L	65		14	*	0	0	0
2-Nitroaniline	40		26	ug/L	65		14	*	0	0	0
Dimethylphthalate	40		28	ug/L	70		13	*	0	0	0
2,6-Dinitrotoluene	40		32	ug/L	80		15	*	0	0	0
Acenaphthylene	40		27	ug/L	68		14	*	0	0	0
3-Nitroaniline	40		31	ug/L	78		12	*	0	0	0
Acenaphthene	40		26	ug/L	65		14		46	118	31
2,4-Dinitrophenol	40		31	ug/L	78		14	*	0	0	0
4-Nitrophenol	40		7.6	ug/L	19		15		10	80	50
Dibenzofuran	40		27	ug/L	68		16	*	0	0	0
2,4-Dinitrotoluene	40		33	ug/L	83		13		24	96	38
Diethylphthalate	40		28	ug/L	70		13	*	0	0	0
Fluorene	40		27	ug/L	68		14	*	0	0	0
4-Chlorophenyl-phenylether	40		27	ug/L	68		14	*	0	0	0
4-Nitroaniline	40		35	ug/L	88		16	*	0	0	0
4,6-Dinitro-2-methylphenol	40		30	ug/L	75		13	*	0	0	0
N-Nitrosodiphenylamine	40		27	ug/L	68		16	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	40		25	ug/L	63		17	*	0	0	0
4-Bromophenyl-phenylether	40		28	ug/L	70		17	*	0	0	0
Hexachlorobenzene	40		29	ug/L	73		15	*	0	0	0
Atrazine	40		21	ug/L	52		14	*	0	0	0
Pentachlorophenol	40		30	ug/L	75		16		9	103	50
Phenanthrene	40		28	ug/L	70		17	*	0	0	0
Pentachlorobenzene	40		24	ug/L	60		15	*	0	0	0
Anthracene	40		28	ug/L	70		13	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		24	ug/L	60		15	*	0	0	0
Carbazole	40		29	ug/L	73		15	*	0	0	0
Di-n-butylphthalate	40		29	ug/L	73		15	*	0	0	0
Fluoranthene	40		29	ug/L	73		15	*	0	0	0
Pyrene	40		28	ug/L	70		17		26	127	31
Butylbenzylphthalate	40		31	ug/L	78		14	*	0	0	0
3,3'-Dichlorobenzidine	40		27	ug/L	68		14	*	0	0	0
Benzo(a)anthracene	40		30	ug/L	75		16	*	0	0	0
Chrysene	40		29	ug/L	73		13	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		29	ug/L	73		15	*	0	0	0
Di-n-octylphthalate	40		28	ug/L	70		13	*	0	0	0
Benzo(b)fluoranthene	40		29	ug/L	73		19	*	0	0	0
Benzo(k)fluoranthene	40		29	ug/L	73		13	*	0	0	0
Benzo(a)pyrene	40		28	ug/L	70		17	*	0	0	0
Indeno(1,2,3-cd)pyrene	40		29	ug/L	73		15	*	0	0	0
Dibenzo(a,h)anthracene	40		29	ug/L	73		15	*	0	0	0
Benzo(g,h,i)perylene	40		29	ug/L	73		15	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		32	ug/L	80		17	*	0	0	0

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4187-05	EY049	BM047956.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Pyridine-d5	40	4.07	10	*	20	120
			Phenol-d5	40	7.41	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.97	57		25	120
			2-Chlorophenol-d4	40	28.23	71		20	130
			4-Methylphenol-d8	40	17.59	44		25	125
			Nitrobenzene-d5	40	31.91	80		20	125
			2-Nitrophenol-d4	40	36.23	91		20	130
			2,4-Dichlorophenol-d3	40	31.34	78		20	120
			4-Chloroaniline-d4	40	19.65	49		1	146
			Dimethylphthalate-d6	40	32.21	81		25	130
			Acenaphthylene-d8	40	31.27	78		10	130
			4-Nitrophenol-d4	40	6.42	16		10	150
			Fluorene-d10	40	33.33	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.60	71		10	130
			Anthracene-d10	40	33.50	84		25	130
			Pyrene-d10	40	34.07	85		15	130
			Benzo(a)pyrene-d12	40	35.69	89		20	130
P4187-06	EY058	BM047957.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Pyridine-d5	40	8.13	20		20	120
			Phenol-d5	40	9.18	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.62	62		25	120
			2-Chlorophenol-d4	40	30.67	77		20	130
			4-Methylphenol-d8	40	20.22	51		25	125
			Nitrobenzene-d5	40	33.45	84		20	125
			2-Nitrophenol-d4	40	37.92	95		20	130
			2,4-Dichlorophenol-d3	40	32.54	81		20	120
			4-Chloroaniline-d4	40	26.46	66		1	146
			Dimethylphthalate-d6	40	33.79	84		25	130
			Acenaphthylene-d8	40	32.80	82		10	130
			4-Nitrophenol-d4	40	7.95	20		10	150
			Fluorene-d10	40	34.58	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.55	74		10	130
			Anthracene-d10	40	34.20	86		25	130
			Pyrene-d10	40	35.54	89		15	130
			Benzo(a)pyrene-d12	40	36.29	91		20	130
P4187-07	EY066	BM047958.D	1,4-Dioxane-d8	8	3.40	43		15	120
			Pyridine-d5	40	7.04	18	*	20	120
			Phenol-d5	40	6.38	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.38	48		25	120
			2-Chlorophenol-d4	40	23.78	59		20	130
			4-Methylphenol-d8	40	15.28	38		25	125
			Nitrobenzene-d5	40	26.95	67		20	125
			2-Nitrophenol-d4	40	29.93	75		20	130
			2,4-Dichlorophenol-d3	40	26.91	67		20	120
			4-Chloroaniline-d4	40	22.18	55		1	146
			Dimethylphthalate-d6	40	28.29	71		25	130
			Acenaphthylene-d8	40	26.98	67		10	130
			4-Nitrophenol-d4	40	5.64	14		10	150

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4187-07	EY066	BM047958.D	Fluorene-d10	40	28.95	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.92	65		10	130
			Anthracene-d10	40	31.29	78		25	130
			Pyrene-d10	40	32.82	82		15	130
			Benzo(a)pyrene-d12	40	34.09	85		20	130
P4187-08	EY067	BM047959.D	1,4-Dioxane-d8	8	3.65	46		15	120
			Pyridine-d5	40	7.71	19	*	20	120
			Phenol-d5	40	6.95	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.78	54		25	120
			2-Chlorophenol-d4	40	26.61	67		20	130
			4-Methylphenol-d8	40	16.82	42		25	125
			Nitrobenzene-d5	40	30.26	76		20	125
			2-Nitrophenol-d4	40	34.46	86		20	130
			2,4-Dichlorophenol-d3	40	29.92	75		20	120
			4-Chloroaniline-d4	40	24.49	61		1	146
			Dimethylphthalate-d6	40	32.92	82		25	130
			Acenaphthylene-d8	40	31.27	78		10	130
			4-Nitrophenol-d4	40	6.45	16		10	150
			Fluorene-d10	40	33.63	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.97	72		10	130
			Anthracene-d10	40	33.35	83		25	130
			Pyrene-d10	40	36.32	91		15	130
			Benzo(a)pyrene-d12	40	36.22	91		20	130
P4187-09	EY070	BM047960.D	1,4-Dioxane-d8	8	3.37	42		15	120
			Pyridine-d5	40	4.44	11	*	20	120
			Phenol-d5	40	6.61	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.58	51		25	120
			2-Chlorophenol-d4	40	25.26	63		20	130
			4-Methylphenol-d8	40	16.08	40		25	125
			Nitrobenzene-d5	40	27.96	70		20	125
			2-Nitrophenol-d4	40	31.88	80		20	130
			2,4-Dichlorophenol-d3	40	28.48	71		20	120
			4-Chloroaniline-d4	40	21.99	55		1	146
			Dimethylphthalate-d6	40	31.07	78		25	130
			Acenaphthylene-d8	40	29.63	74		10	130
			4-Nitrophenol-d4	40	5.77	14		10	150
			Fluorene-d10	40	32.04	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.49	69		10	130
			Anthracene-d10	40	32.91	82		25	130
			Pyrene-d10	40	34.71	87		15	130
			Benzo(a)pyrene-d12	40	35.22	88		20	130
PB163682BL	PB163682BL	BM047950.D	1,4-Dioxane-d8	8	5.35	67		15	120
			Pyridine-d5	40	23.54	59		20	120
			Phenol-d5	40	25.77	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.98	55		25	120
			2-Chlorophenol-d4	40	29.73	74		20	130
			4-Methylphenol-d8	40	26.33	66		25	125
			Nitrobenzene-d5	40	30.09	75		20	125
			2-Nitrophenol-d4	40	34.09	85		20	130

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163682BL	PB163682BL	BM047950.D	2,4-Dichlorophenol-d3	40	29.96	75		20	120
			4-Chloroaniline-d4	40	28.22	71		1	146
			Dimethylphthalate-d6	40	28.77	72		25	130
			Acenaphthylene-d8	40	29.67	74		10	130
			4-Nitrophenol-d4	40	23.66	59		10	150
			Fluorene-d10	40	29.98	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.63	57		10	130
			Anthracene-d10	40	29.36	73		25	130
			Pyrene-d10	40	30.26	76		15	130
			Benzo(a)pyrene-d12	40	31.30	78		20	130

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4187-10	EY071	BM047951.D	1,4-Dioxane-d8	8	4.77	60		15	120
			Pyridine-d5	40	3.90	10	*	20	120
			Phenol-d5	40	11.49	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.83	57		25	120
			2-Chlorophenol-d4	40	30.83	77		20	130
			4-Methylphenol-d8	40	23.18	58		25	125
			Nitrobenzene-d5	40	31.47	79		20	125
			2-Nitrophenol-d4	40	37.94	95		20	130
			2,4-Dichlorophenol-d3	40	33.32	83		20	120
			4-Chloroaniline-d4	40	14.88	37		1	146
			Dimethylphthalate-d6	40	29.63	74		25	130
			Acenaphthylene-d8	40	31.01	78		10	130
			4-Nitrophenol-d4	40	11.41	29		10	150
			Fluorene-d10	40	32.67	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.35	76		10	130
			Anthracene-d10	40	32.97	82		25	130
			Pyrene-d10	40	34.20	85		15	130
			Benzo(a)pyrene-d12	40	34.87	87		20	130
P4187-11	EY077	BM047952.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Pyridine-d5	40	5.94	15	*	20	120
			Phenol-d5	40	9.95	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.41	54		25	120
			2-Chlorophenol-d4	40	27.95	70		20	130
			4-Methylphenol-d8	40	20.59	51		25	125
			Nitrobenzene-d5	40	30.76	77		20	125
			2-Nitrophenol-d4	40	34.94	87		20	130
			2,4-Dichlorophenol-d3	40	31.09	78		20	120
			4-Chloroaniline-d4	40	19.97	50		1	146
			Dimethylphthalate-d6	40	30.80	77		25	130
			Acenaphthylene-d8	40	29.39	73		10	130
			4-Nitrophenol-d4	40	10.42	26		10	150
			Fluorene-d10	40	31.44	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.75	72		10	130
			Anthracene-d10	40	32.03	80		25	130
			Pyrene-d10	40	33.11	83		15	130
			Benzo(a)pyrene-d12	40	33.89	85		20	130
P4187-12	EY078	BM047953.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	5.61	14	*	20	120
			Phenol-d5	40	7.40	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.73	49		25	120
			2-Chlorophenol-d4	40	24.84	62		20	130
			4-Methylphenol-d8	40	17.67	44		25	125
			Nitrobenzene-d5	40	28.59	71		20	125
			2-Nitrophenol-d4	40	31.05	78		20	130
			2,4-Dichlorophenol-d3	40	29.28	73		20	120
			4-Chloroaniline-d4	40	21.04	53		1	146
			Dimethylphthalate-d6	40	29.68	74		25	130
			Acenaphthylene-d8	40	28.39	71		10	130
			4-Nitrophenol-d4	40	8.01	20		10	150

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4187-12	EY078	BM047953.D	Fluorene-d10	40	29.64	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.99	70		10	130
			Anthracene-d10	40	30.16	75		25	130
			Pyrene-d10	40	31.73	79		15	130
			Benzo(a)pyrene-d12	40	31.79	79		20	130
P4187-16	EY082	BM047954.D	1,4-Dioxane-d8	8	3.46	43		15	120
			Pyridine-d5	40	5.27	13	*	20	120
			Phenol-d5	40	7.14	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.84	52		25	120
			2-Chlorophenol-d4	40	26.38	66		20	130
			4-Methylphenol-d8	40	17.34	43		25	125
			Nitrobenzene-d5	40	29.39	73		20	125
			2-Nitrophenol-d4	40	33.50	84		20	130
			2,4-Dichlorophenol-d3	40	30.17	75		20	120
			4-Chloroaniline-d4	40	6.42	16		1	146
			Dimethylphthalate-d6	40	29.44	74		25	130
			Acenaphthylene-d8	40	28.90	72		10	130
			4-Nitrophenol-d4	40	6.61	17		10	150
			Fluorene-d10	40	30.97	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.25	71		10	130
			Anthracene-d10	40	31.44	79		25	130
			Pyrene-d10	40	32.97	82		15	130
			Benzo(a)pyrene-d12	40	33.82	85		20	130
P4187-17	EY083	BM047955.D	1,4-Dioxane-d8	8	3.32	41		15	120
			Pyridine-d5	40	4.42	11	*	20	120
			Phenol-d5	40	6.64	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.30	53		25	120
			2-Chlorophenol-d4	40	25.65	64		20	130
			4-Methylphenol-d8	40	16.74	42		25	125
			Nitrobenzene-d5	40	29.37	73		20	125
			2-Nitrophenol-d4	40	33.06	83		20	130
			2,4-Dichlorophenol-d3	40	29.19	73		20	120
			4-Chloroaniline-d4	40	11.45	29		1	146
			Dimethylphthalate-d6	40	28.50	71		25	130
			Acenaphthylene-d8	40	27.57	69		10	130
			4-Nitrophenol-d4	40	5.79	14		10	150
			Fluorene-d10	40	29.20	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.11	68		10	130
			Anthracene-d10	40	30.24	76		25	130
			Pyrene-d10	40	32.52	81		15	130
			Benzo(a)pyrene-d12	40	32.01	80		20	130
PB163684BL	PB163684BL	BM047943.D	1,4-Dioxane-d8	8	4.32	54		15	120
			Pyridine-d5	40	20.86	52		20	120
			Phenol-d5	40	22.59	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.97	47		25	120
			2-Chlorophenol-d4	40	26.32	66		20	130
			4-Methylphenol-d8	40	23.47	59		25	125
			Nitrobenzene-d5	40	26.94	67		20	125
			2-Nitrophenol-d4	40	30.15	75		20	130

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163684BL	PB163684BL	BM047943.D	2,4-Dichlorophenol-d3	40	26.26	66		20	120
			4-Chloroaniline-d4	40	24.68	62		1	146
			Dimethylphthalate-d6	40	24.41	61		25	130
			Acenaphthylene-d8	40	25.08	63		10	130
			4-Nitrophenol-d4	40	23.07	58		10	150
			Fluorene-d10	40	25.31	63		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.22	53		10	130
			Anthracene-d10	40	25.25	63		25	130
			Pyrene-d10	40	24.94	62		15	130
			Benzo(a)pyrene-d12	40	26.65	67		20	130
PB163684BS	PB163684BS	BM047961.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Pyridine-d5	40	21.93	55		20	120
			Phenol-d5	40	24.84	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.58	51		25	120
			2-Chlorophenol-d4	40	28.21	71		20	130
			4-Methylphenol-d8	40	25.13	63		25	125
			Nitrobenzene-d5	40	28.50	71		20	125
			2-Nitrophenol-d4	40	32.52	81		20	130
			2,4-Dichlorophenol-d3	40	30.21	76		20	120
			4-Chloroaniline-d4	40	25.59	64		1	146
			Dimethylphthalate-d6	40	27.29	68		25	130
			Acenaphthylene-d8	40	27.90	70		10	130
			4-Nitrophenol-d4	40	30.49	76		10	150
			Fluorene-d10	40	28.15	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.42	71		10	130
			Anthracene-d10	40	27.05	68		25	130
			Pyrene-d10	40	27.90	70		15	130
			Benzo(a)pyrene-d12	40	29.15	73		20	130

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4187-13	EY072	BM047944.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Pyridine-d5	40	6.26	16	*	20	120
			Phenol-d5	40	7.51	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.83	60		25	120
			2-Chlorophenol-d4	40	29.42	74		20	130
			4-Methylphenol-d8	40	18.42	46		25	125
			Nitrobenzene-d5	40	33.61	84		20	125
			2-Nitrophenol-d4	40	38.59	96		20	130
			2,4-Dichlorophenol-d3	40	32.83	82		20	120
			4-Chloroaniline-d4	40	26.73	67		1	146
			Dimethylphthalate-d6	40	32.42	81		25	130
			Acenaphthylene-d8	40	32.46	81		10	130
			4-Nitrophenol-d4	40	5.91	15		10	150
			Fluorene-d10	40	33.52	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.09	70		10	130
			Anthracene-d10	40	34.73	87		25	130
			Pyrene-d10	40	34.21	86		15	130
			Benzo(a)pyrene-d12	40	36.50	91		20	130
P4187-14MS	EY072MS	BM047946.D	1,4-Dioxane-d8	8	3.87	48		15	120
			Pyridine-d5	40	8.36	21		20	120
			Phenol-d5	40	7.87	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.39	58		25	120
			2-Chlorophenol-d4	40	29.27	73		20	130
			4-Methylphenol-d8	40	18.86	47		25	125
			Nitrobenzene-d5	40	33.23	83		20	125
			2-Nitrophenol-d4	40	39.29	98		20	130
			2,4-Dichlorophenol-d3	40	35.10	88		20	120
			4-Chloroaniline-d4	40	27.89	70		1	146
			Dimethylphthalate-d6	40	34.52	86		25	130
			Acenaphthylene-d8	40	32.77	82		10	130
			4-Nitrophenol-d4	40	10.01	25		10	150
			Fluorene-d10	40	34.49	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.39	93		10	130
			Anthracene-d10	40	34.21	86		25	130
			Pyrene-d10	40	35.94	90		15	130
			Benzo(a)pyrene-d12	40	35.75	89		20	130
P4187-15MSD	EY072MSD	BM047947.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	7.01	18	*	20	120
			Phenol-d5	40	7.11	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.23	53		25	120
			2-Chlorophenol-d4	40	26.24	66		20	130
			4-Methylphenol-d8	40	17.04	43		25	125
			Nitrobenzene-d5	40	30.39	76		20	125
			2-Nitrophenol-d4	40	35.49	89		20	130
			2,4-Dichlorophenol-d3	40	32.07	80		20	120
			4-Chloroaniline-d4	40	24.84	62		1	146
			Dimethylphthalate-d6	40	31.57	79		25	130
			Acenaphthylene-d8	40	29.96	75		10	130
			4-Nitrophenol-d4	40	9.16	23		10	150

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4187-15MSD	EY072MSD	BM047947.D	Fluorene-d10	40	31.71	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.63	87		10	130
			Anthracene-d10	40	31.17	78		25	130
			Pyrene-d10	40	33.40	84		15	130
			Benzo(a)pyrene-d12	40	33.01	83		20	130
PB163686BL	PB163686BL	BM047949.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Pyridine-d5	40	21.39	53		20	120
			Phenol-d5	40	23.40	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.91	50		25	120
			2-Chlorophenol-d4	40	27.06	68		20	130
			4-Methylphenol-d8	40	24.15	60		25	125
			Nitrobenzene-d5	40	27.82	70		20	125
			2-Nitrophenol-d4	40	31.16	78		20	130
			2,4-Dichlorophenol-d3	40	27.58	69		20	120
			4-Chloroaniline-d4	40	25.63	64		1	146
			Dimethylphthalate-d6	40	25.93	65		25	130
			Acenaphthylene-d8	40	26.64	67		10	130
			4-Nitrophenol-d4	40	23.66	59		10	150
			Fluorene-d10	40	26.69	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.55	54		10	130
			Anthracene-d10	40	26.27	66		25	130
			Pyrene-d10	40	27.06	68		15	130
			Benzo(a)pyrene-d12	40	27.71	69		20	130
PB163686BS	PB163686BS	BM047962.D	1,4-Dioxane-d8	8	4.52	56		15	120
			Pyridine-d5	40	20.59	51		20	120
			Phenol-d5	40	23.23	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.38	48		25	120
			2-Chlorophenol-d4	40	26.56	66		20	130
			4-Methylphenol-d8	40	23.98	60		25	125
			Nitrobenzene-d5	40	26.92	67		20	125
			2-Nitrophenol-d4	40	29.90	75		20	130
			2,4-Dichlorophenol-d3	40	28.17	70		20	120
			4-Chloroaniline-d4	40	24.22	61		1	146
			Dimethylphthalate-d6	40	25.37	63		25	130
			Acenaphthylene-d8	40	25.93	65		10	130
			4-Nitrophenol-d4	40	27.45	69		10	150
			Fluorene-d10	40	25.97	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.62	67		10	130
			Anthracene-d10	40	25.05	63		25	130
			Pyrene-d10	40	26.05	65		15	130
			Benzo(a)pyrene-d12	40	27.40	68		20	130

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4187-18	EY055	BM047945.D	Pyridine-d5	40	5.79	14	*	20	120
			1,4-Dioxane-d8	8	3.66	46		15	120
			Phenol-d5	40	5.84	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.86	42		25	120
			2-Chlorophenol-d4	40	20.54	51		20	130
			4-Methylphenol-d8	40	14.03	35		25	125
			Nitrobenzene-d5	40	23.12	58		20	125
			2-Nitrophenol-d4	40	26.73	67		20	130
			2,4-Dichlorophenol-d3	40	23.41	59		20	120
			4-Chloroaniline-d4	40	18.76	47		1	146
			Dimethylphthalate-d6	40	23.61	59		25	130
			Acenaphthylene-d8	40	22.82	57		10	130
			4-Nitrophenol-d4	40	4.64	12		10	150
			Fluorene-d10	40	24.11	60		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.98	52		10	130
			Anthracene-d10	40	25.72	64		25	130
			Pyrene-d10	40	27.11	68		15	130
			Benzo(a)pyrene-d12	40	27.30	68		20	130

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4207-15	EY054	BM047970.D	1,4-Dioxane-d8	8	4.31	54		15	120
			Pyridine-d5	40	8.49	21		20	120
			Phenol-d5	40	11.21	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.08	58		25	120
			2-Chlorophenol-d4	40	29.34	73		20	130
			4-Methylphenol-d8	40	22.94	57		25	125
			Nitrobenzene-d5	40	31.26	78		20	125
			2-Nitrophenol-d4	40	35.52	89		20	130
			2,4-Dichlorophenol-d3	40	31.66	79		20	120
			4-Chloroaniline-d4	40	24.09	60		1	146
			Dimethylphthalate-d6	40	31.95	80		25	130
			Acenaphthylene-d8	40	31.28	78		10	130
			4-Nitrophenol-d4	40	8.81	22		10	150
			Fluorene-d10	40	32.95	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.11	73		10	130
			Anthracene-d10	40	33.38	83		25	130
			Pyrene-d10	40	35.13	88		15	130
			Benzo(a)pyrene-d12	40	35.94	90		20	130
P4215-01	EY027	BM047969.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Pyridine-d5	40	7.14	18	*	20	120
			Phenol-d5	40	7.44	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.97	57		25	120
			2-Chlorophenol-d4	40	25.94	65		20	130
			4-Methylphenol-d8	40	18.12	45		25	125
			Nitrobenzene-d5	40	31.39	78		20	125
			2-Nitrophenol-d4	40	34.21	86		20	130
			2,4-Dichlorophenol-d3	40	29.39	73		20	120
			4-Chloroaniline-d4	40	23.73	59		1	146
			Dimethylphthalate-d6	40	31.61	79		25	130
			Acenaphthylene-d8	40	30.70	77		10	130
			4-Nitrophenol-d4	40	5.18	13		10	150
			Fluorene-d10	40	32.20	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.21	68		10	130
			Anthracene-d10	40	33.89	85		25	130
			Pyrene-d10	40	35.16	88		15	130
			Benzo(a)pyrene-d12	40	36.28	91		20	130
PB163766BL	PB163766BL	BM047965.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Pyridine-d5	40	20.47	51		20	120
			Phenol-d5	40	22.07	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.06	48		25	120
			2-Chlorophenol-d4	40	25.34	63		20	130
			4-Methylphenol-d8	40	22.46	56		25	125
			Nitrobenzene-d5	40	25.92	65		20	125
			2-Nitrophenol-d4	40	28.62	72		20	130
			2,4-Dichlorophenol-d3	40	25.29	63		20	120
			4-Chloroaniline-d4	40	23.58	59		1	146
			Dimethylphthalate-d6	40	26.06	65		25	130
			Acenaphthylene-d8	40	25.65	64		10	130
			4-Nitrophenol-d4	40	21.70	54		10	150

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163766BL	PB163766BL	BM047965.D	Fluorene-d10	40	26.31	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.80	52		10	130
			Anthracene-d10	40	26.73	67		25	130
			Pyrene-d10	40	27.63	69		15	130
			Benzo(a)pyrene-d12	40	29.03	73		20	130

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4215-04	EY075	BM047967.D	1,4-Dioxane-d8	8	3.51	44		15	120
			Pyridine-d5	40	9.36	23		20	120
			Phenol-d5	40	7.51	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.89	57		25	120
			2-Chlorophenol-d4	40	27.64	69		20	130
			4-Methylphenol-d8	40	17.91	45		25	125
			Nitrobenzene-d5	40	30.94	77		20	125
			2-Nitrophenol-d4	40	34.58	86		20	130
			2,4-Dichlorophenol-d3	40	30.35	76		20	120
			4-Chloroaniline-d4	40	24.33	61		1	146
			Dimethylphthalate-d6	40	30.45	76		25	130
			Acenaphthylene-d8	40	30.25	76		10	130
			4-Nitrophenol-d4	40	5.80	14		10	150
			Fluorene-d10	40	31.91	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.22	68		10	130
			Anthracene-d10	40	33.59	84		25	130
			Pyrene-d10	40	34.03	85		15	130
			Benzo(a)pyrene-d12	40	35.49	89		20	130
P4215-05MS	EY075MS	BM047966.D	1,4-Dioxane-d8	8	4.22	53		15	120
			Pyridine-d5	40	8.64	22		20	120
			Phenol-d5	40	8.23	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.17	58		25	120
			2-Chlorophenol-d4	40	28.16	70		20	130
			4-Methylphenol-d8	40	19.01	48		25	125
			Nitrobenzene-d5	40	32.56	81		20	125
			2-Nitrophenol-d4	40	36.32	91		20	130
			2,4-Dichlorophenol-d3	40	33.38	83		20	120
			4-Chloroaniline-d4	40	27.12	68		1	146
			Dimethylphthalate-d6	40	33.26	83		25	130
			Acenaphthylene-d8	40	31.80	80		10	130
			4-Nitrophenol-d4	40	10.15	25		10	150
			Fluorene-d10	40	33.65	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.15	90		10	130
			Anthracene-d10	40	34.05	85		25	130
			Pyrene-d10	40	35.11	88		15	130
			Benzo(a)pyrene-d12	40	36.64	92		20	130
P4215-06MSD	EY075MSD	BM047968.D	1,4-Dioxane-d8	8	3.29	41		15	120
			Pyridine-d5	40	7.57	19	*	20	120
			Phenol-d5	40	7.15	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.04	50		25	120
			2-Chlorophenol-d4	40	24.53	61		20	130
			4-Methylphenol-d8	40	16.49	41		25	125
			Nitrobenzene-d5	40	28.16	70		20	125
			2-Nitrophenol-d4	40	30.86	77		20	130
			2,4-Dichlorophenol-d3	40	28.55	71		20	120
			4-Chloroaniline-d4	40	22.76	57		1	146
			Dimethylphthalate-d6	40	28.67	72		25	130
			Acenaphthylene-d8	40	27.11	68		10	130
			4-Nitrophenol-d4	40	8.72	22		10	150

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Surrogate Summary

SW-846

SDG No.: BM100924

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4215-06MSD	EY075MSD	BM047968.D	Fluorene-d10	40	28.82	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.73	77		10	130
			Anthracene-d10	40	29.13	73		25	130
			Pyrene-d10	40	30.09	75		15	130
			Benzo(a)pyrene-d12	40	31.15	78		20	130
PB163768BL	PB163768BL	BM047964.D	1,4-Dioxane-d8	8	4.44	56		15	120
			Pyridine-d5	40	21.36	53		20	120
			Phenol-d5	40	22.95	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.85	50		25	120
			2-Chlorophenol-d4	40	26.72	67		20	130
			4-Methylphenol-d8	40	23.62	59		25	125
			Nitrobenzene-d5	40	26.99	67		20	125
			2-Nitrophenol-d4	40	29.72	74		20	130
			2,4-Dichlorophenol-d3	40	26.14	65		20	120
			4-Chloroaniline-d4	40	24.76	62		1	146
			Dimethylphthalate-d6	40	26.63	67		25	130
			Acenaphthylene-d8	40	26.14	65		10	130
			4-Nitrophenol-d4	40	23.15	58		10	150
			Fluorene-d10	40	26.83	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.76	54		10	130
			Anthracene-d10	40	27.78	69		25	130
			Pyrene-d10	40	28.29	71		15	130
			Benzo(a)pyrene-d12	40	29.83	75		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM100924

Lab Code: CHEM SAS No.: BM100924 SDG NO.: BM100924

Lab File ID: BM047941.D DFTPP Injection Date: 10/09/2024

Instrument ID: BNA_M DFTPP Injection Time: 11:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.6
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	32.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	43.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	87.2
443	15.0 - 24.0% of mass 442	16.9 (19.4) 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
SSTD020172	SSTDCCC020	BM047942.D	10/09/2024	12:08
SBLK684	PB163684BL	BM047943.D	10/09/2024	12:48
EY072	P4187-13	BM047944.D	10/09/2024	14:06
EY055	P4187-18	BM047945.D	10/09/2024	15:25
EY072MS	P4187-14MS	BM047946.D	10/09/2024	16:05
EY072MSD	P4187-15MSD	BM047947.D	10/09/2024	16:44
SSTD020173	SSTDCCC020	BM047948.D	10/09/2024	17:24
SBLK686	PB163686BL	BM047949.D	10/09/2024	18:03
SBLK682	PB163682BL	BM047950.D	10/09/2024	18:43
EY071	P4187-10	BM047951.D	10/09/2024	19:22
EY077	P4187-11	BM047952.D	10/09/2024	20:02
EY078	P4187-12	BM047953.D	10/09/2024	20:41
EY082	P4187-16	BM047954.D	10/09/2024	21:21
EY083	P4187-17	BM047955.D	10/09/2024	22:00
EY049	P4187-05	BM047956.D	10/09/2024	22:40
EY058	P4187-06	BM047957.D	10/09/2024	23:19
EY066	P4187-07	BM047958.D	10/09/2024	23:59
EY067	P4187-08	BM047959.D	10/10/2024	00:38

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM100924

Lab Code: CHEM SAS No.: BM100924 SDG NO.: BM100924

Lab File ID: BM047941.D DFTPP Injection Date: 10/09/2024

Instrument ID: BNA_M DFTPP Injection Time: 11:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.6
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	32.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	43.8
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	87.2
443	15.0 - 24.0% of mass 442	16.9 (19.4) 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
EY070	P4187-09	BM047960.D	10/10/2024	01:17
SLCS684	PB163684BS	BM047961.D	10/10/2024	01:57
SLCS686	PB163686BS	BM047962.D	10/10/2024	02:36
SSTD020174	SSTDCCC020	BM047963.D	10/10/2024	03:55
SBLK768	PB163768BL	BM047964.D	10/10/2024	04:35
SBLK766	PB163766BL	BM047965.D	10/10/2024	05:14
EY075MS	P4215-05MS	BM047966.D	10/10/2024	05:54
EY075	P4215-04	BM047967.D	10/10/2024	06:33
EY075MSD	P4215-06MSD	BM047968.D	10/10/2024	07:13
EY027	P4215-01	BM047969.D	10/10/2024	07:52
EY054	P4207-15	BM047970.D	10/10/2024	08:31