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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: BNA_M Calibration Date/Time: 10/17/2024 1 19:04

Lab File ID: BM048112.D Init. Calib. Date(s):

EPA Sample No.: SSTD020185 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.552	0.577	0.010	4.5857	40.0
Benzaldehyde	0.750	0.575	0.010	-23.3113	40.0
Pyridine	1.448	1.520	0.010	4.9668	40.0
Phenol	1.666	1.712	0.080	2.7296	20.0
Bis(2-Chloroethyl)ether	1.337	1.369	0.100	2.3726	20.0
2-Chlorophenol	1.412	1.455	0.200	3.0291	20.0
2-Methylphenol	1.261	1.287	0.010	2.1349	20.0
2,2-oxybis(1-Chloropropane)	1.888	1.976	0.010	4.6382	40.0
Acetophenone	1.934	2.071	0.060	7.0873	20.0
4-Methylphenol	1.356	1.403	0.010	3.4486	20.0
N-Nitroso-di-n-propylamine	0.916	0.956	0.050	4.4083	30.0
Hexachloroethane	0.600	0.619	0.100	3.1304	20.0
Nitrobenzene	0.365	0.378	0.050	3.4455	25.0
Isophorone	0.698	0.713	0.050	2.1536	25.0
2-Nitrophenol	0.199	0.205	0.050	2.8277	25.0
2,4-Dimethylphenol	0.347	0.365	0.050	5.2093	25.0
Bis(2-Chloroethoxy)methane	0.438	0.448	0.050	2.3474	20.0
2,4-Dichlorophenol	0.329	0.338	0.060	2.7306	20.0
Naphthalene	1.106	1.140	0.200	3.0865	20.0
4-Chloroaniline	0.415	0.432	0.010	4.1774	40.0
Hexachlorobutadiene	0.218	0.225	0.040	3.525	30.0
Caprolactam	0.102	0.099	0.010	-2.5418	40.0
4-Chloro-3-methylphenol	0.317	0.327	0.040	3.2397	25.0
1-Methylnaphthalene	0.725	0.747	0.100	3.1184	20.0
2-Methylnaphthalene	0.720	0.737	0.100	2.4571	20.0
Hexachlorocyclopentadiene	0.365	0.363	0.010	-0.5169	40.0
2,4,6-Trichlorophenol	0.429	0.433	0.090	1.0907	25.0
2,4,5-Trichlorophenol	0.451	0.451	0.100	-0.0951	25.0
1,1-Biphenyl	1.545	1.585	0.200	2.59	20.0
2-Chloronaphthalene	1.225	1.251	0.300	2.1006	20.0
2-Nitroaniline	0.318	0.325	0.050	2.1554	40.0
Dimethylphthalate	1.461	1.479	0.300	1.2825	20.0
2,6-Dinitrotoluene	0.290	0.293	0.080	0.8557	30.0
Acenaphthylene	1.868	1.907	0.400	2.0647	20.0
3-Nitroaniline	0.303	0.255	0.010	-15.615	40.0
Acenaphthene	1.293	1.319	0.200	2.0155	20.0
2,4-Dinitrophenol	0.191	0.175	0.010	-8.7122	40.0
4-Nitrophenol	0.187	0.185	0.010	-0.9707	40.0
Dibenzofuran	1.769	1.829	0.300	3.4108	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: BNA_M Calibration Date/Time: 10/17/2024 1 19:04

Lab File ID: BM048112.D Init. Calib. Date(s):

EPA Sample No.: SSTD020185 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.412	0.425	0.070	3.2148	30.0
Diethylphthalate	1.449	1.476	0.300	1.9045	20.0
Fluorene	1.382	1.437	0.200	3.9631	20.0
4-Chlorophenyl-phenylether	0.687	0.718	0.100	4.4098	20.0
4-Nitroaniline	0.262	0.217	0.010	-17.091	40.0
4,6-Dinitro-2-methylphenol	0.139	0.141	0.010	1.4731	40.0
N-Nitrosodiphenylamine	0.601	0.624	0.050	3.8087	20.0
1,2,4,5-Tetrachlorobenzene	0.652	0.660	0.100	1.3586	20.0
4-Bromophenyl-phenylether	0.217	0.224	0.070	3.3728	20.0
Hexachlorobenzene	0.256	0.262	0.050	2.1462	25.0
Atrazine	0.202	0.213	0.010	5.4705	25.0
Pentachlorophenol	0.165	0.168	0.010	1.6609	40.0
Phenanthrene	1.094	1.133	0.200	3.563	20.0
Pentachlorobenzene	0.327	0.331	0.050	1.1622	20.0
Anthracene	1.098	1.157	0.200	5.3866	20.0
1,2,3,4-Tetrachlorobenzene	0.336	0.340	0.050	1.0335	20.0
Carbazole	0.972	1.029	0.050	5.8614	40.0
Di-n-butylphthalate	1.281	1.296	0.500	1.2141	25.0
Fluoranthene	1.422	1.439	0.400	1.21	25.0
Pyrene	1.515	1.537	0.400	1.4545	25.0
Butylbenzylphthalate	0.658	0.647	0.100	-1.6232	40.0
3,3-Dichlorobenzidine	0.446	0.444	0.010	-0.3693	40.0
Benzo(a)anthracene	1.454	1.463	0.300	0.6244	30.0
Chrysene	1.370	1.391	0.200	1.4756	30.0
Bis(2-ethylhexyl)phthalate	0.951	0.958	0.200	0.7607	40.0
Di-n-octyl phthalate	1.443	1.450	0.010	0.4863	40.0
Benzo(b)fluoranthene	1.260	1.266	0.200	0.4877	25.0
Benzo(k)fluoranthene	1.255	1.288	0.200	2.6519	25.0
Benzo(a)pyrene	1.173	1.197	0.200	2.0489	20.0
Indeno(1,2,3-cd)pyrene	1.520	1.535	0.200	0.9347	25.0
Dibenzo(a,h)anthracene	1.228	1.255	0.200	2.132	30.0
Benzo(g,h,i)perylene	1.183	1.189	0.200	0.4531	30.0
2,3,4,6-Tetrachlorophenol	0.364	0.367	0.040	0.8522	20.0
1,4-Dioxane-d8	0.527	0.532	0.010	0.9525	25.0
Pyridine-d5	1.417	1.450	0.010	2.3022	40.0
Phenol-d5	1.620	1.649	0.010	1.7845	25.0
Bis-(2-Chloroethyl)ether-d8	0.962	0.986	0.050	2.4971	25.0
2-Chlorophenol-d4	1.401	1.442	0.200	2.9304	20.0
4-Methylphenol-d8	1.261	1.293	0.010	2.5242	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: BNA_M Calibration Date/Time: 10/17/2024 1 19:04

Lab File ID: BM048112.D Init. Calib. Date(s):

EPA Sample No.: SSTD020185 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.169	0.172	0.050	2.033	20.0
2-Nitrophenol-d4	0.187	0.188	0.050	0.5476	30.0
2,4-Dichlorophenol-d3	0.329	0.337	0.060	2.4664	20.0
4-Chloroaniline-d4	0.431	0.440	0.010	2.2523	40.0
Dimethylphthalate-d6	1.453	1.465	0.300	0.834	20.0
Acenaphthylene-d8	1.727	1.760	0.400	1.8834	20.0
4-Nitrophenol-d4	0.268	0.269	0.010	0.0917	40.0
Fluorene-d10	1.240	1.269	0.100	2.287	20.0
4,6-Dinitro-2-methylphenol-d2	0.129	0.129	0.010	-0.395	40.0
Anthracene-d10	0.949	0.974	0.300	2.7079	20.0
Pyrene-d10	1.222	1.238	0.300	1.2804	25.0
Benzo(a)pyrene-d12	1.068	1.084	0.010	1.4571	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.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: BNA_M Calibration Date/Time: 10/18/2024 1 04:56

Lab File ID: BM048126.D Init. Calib. Date(s):

EPA Sample No.: SSTD020186 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.552	0.571	0.010	3.5986	50.0
Pyridine	1.448	1.515	0.010	4.6222	50.0
Benzaldehyde	0.750	0.611	0.010	-18.4594	50.0
Phenol	1.666	1.724	0.080	3.4807	50.0
Bis(2-Chloroethyl)ether	1.337	1.381	0.100	3.2657	50.0
2-Chlorophenol	1.412	1.465	0.200	3.7308	50.0
2-Methylphenol	1.261	1.316	0.010	4.3886	50.0
2,2-oxybis(1-Chloropropane)	1.888	1.990	0.010	5.4125	50.0
Acetophenone	1.934	2.079	0.060	7.5122	50.0
4-Methylphenol	1.356	1.424	0.010	4.9867	50.0
N-Nitroso-di-n-propylamine	0.916	0.971	0.050	6.0542	50.0
Hexachloroethane	0.600	0.623	0.100	3.8013	50.0
Nitrobenzene	0.365	0.379	0.050	3.7459	50.0
Isophorone	0.698	0.708	0.050	1.3225	50.0
2-Nitrophenol	0.199	0.205	0.050	3.0817	50.0
2,4-Dimethylphenol	0.347	0.360	0.050	3.8951	50.0
Bis(2-Chloroethoxy)methane	0.438	0.443	0.050	1.1297	50.0
2,4-Dichlorophenol	0.329	0.335	0.060	1.68	50.0
Naphthalene	1.106	1.133	0.200	2.513	50.0
4-Chloroaniline	0.415	0.430	0.010	3.5603	50.0
Hexachlorobutadiene	0.218	0.226	0.040	3.8019	50.0
Caprolactam	0.102	0.099	0.010	-2.9004	50.0
4-Chloro-3-methylphenol	0.317	0.317	0.040	0.1553	50.0
1-Methylnaphthalene	0.725	0.745	0.100	2.8321	50.0
2-Methylnaphthalene	0.720	0.729	0.100	1.3258	50.0
Hexachlorocyclopentadiene	0.365	0.369	0.010	1.2395	50.0
2,4,6-Trichlorophenol	0.429	0.426	0.090	-0.5927	50.0
2,4,5-Trichlorophenol	0.451	0.455	0.100	0.7744	50.0
1,1-Biphenyl	1.545	1.567	0.200	1.4195	50.0
2-Chloronaphthalene	1.225	1.246	0.300	1.7583	50.0
2-Nitroaniline	0.318	0.323	0.050	1.548	50.0
Dimethylphthalate	1.461	1.471	0.300	0.7208	50.0
2,6-Dinitrotoluene	0.290	0.297	0.080	2.3163	50.0
Acenaphthylene	1.868	1.921	0.400	2.8061	50.0
3-Nitroaniline	0.303	0.261	0.010	-13.8217	50.0
Acenaphthene	1.293	1.317	0.200	1.8744	50.0
2,4-Dinitrophenol	0.191	0.168	0.010	-12.3532	50.0
4-Nitrophenol	0.187	0.181	0.010	-2.9151	50.0
Dibenzofuran	1.769	1.820	0.300	2.9258	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: BNA_M Calibration Date/Time: 10/18/2024 1 04:56

Lab File ID: BM048126.D Init. Calib. Date(s):

EPA Sample No.: SSTD020186 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.412	0.426	0.070	3.3495	50.0
Diethylphthalate	1.449	1.479	0.300	2.0826	50.0
Fluorene	1.382	1.431	0.200	3.5363	50.0
4-Chlorophenyl-phenylether	0.687	0.712	0.100	3.515	50.0
4-Nitroaniline	0.262	0.219	0.010	-16.4756	50.0
4,6-Dinitro-2-methylphenol	0.139	0.139	0.010	0.1418	50.0
N-Nitrosodiphenylamine	0.601	0.625	0.050	3.9505	50.0
1,2,4,5-Tetrachlorobenzene	0.652	0.659	0.100	1.0868	50.0
4-Bromophenyl-phenylether	0.217	0.229	0.070	5.3254	50.0
Hexachlorobenzene	0.256	0.266	0.050	3.8019	50.0
Atrazine	0.202	0.211	0.010	4.7692	50.0
Pentachlorophenol	0.165	0.167	0.010	0.9923	50.0
Phenanthrene	1.094	1.142	0.200	4.3699	50.0
Pentachlorobenzene	0.327	0.333	0.050	1.6867	50.0
Anthracene	1.098	1.164	0.200	6.0539	50.0
1,2,3,4-Tetrachlorobenzene	0.336	0.347	0.050	3.2024	50.0
Carbazole	0.972	1.044	0.050	7.3439	50.0
Di-n-butylphthalate	1.281	1.308	0.500	2.1083	50.0
Fluoranthene	1.422	1.428	0.400	0.4489	50.0
Pyrene	1.515	1.542	0.400	1.8314	50.0
Butylbenzylphthalate	0.658	0.656	0.100	-0.3696	50.0
3,3-Dichlorobenzidine	0.446	0.453	0.010	1.5837	50.0
Benzo(a)anthracene	1.454	1.481	0.300	1.8485	50.0
Chrysene	1.370	1.413	0.200	3.1259	50.0
Bis(2-ethylhexyl)phthalate	0.951	0.950	0.200	-0.1783	50.0
Di-n-octyl phthalate	1.443	1.450	0.010	0.4574	50.0
Benzo(b)fluoranthene	1.260	1.265	0.200	0.4486	50.0
Benzo(k)fluoranthene	1.255	1.310	0.200	4.3712	50.0
Benzo(a)pyrene	1.173	1.207	0.200	2.8825	50.0
Indeno(1,2,3-cd)pyrene	1.520	1.533	0.200	0.8175	50.0
Dibenzo(a,h)anthracene	1.228	1.251	0.200	1.8491	50.0
Benzo(g,h,i)perylene	1.183	1.199	0.200	1.3314	50.0
2,3,4,6-Tetrachlorophenol	0.364	0.371	0.040	1.9351	50.0
1,4-Dioxane-d8	0.527	0.531	0.010	0.7587	50.0
Pyridine-d5	1.417	1.472	0.010	3.8396	50.0
Phenol-d5	1.620	1.652	0.010	1.9542	50.0
Bis-(2-Chloroethyl)ether-d8	0.962	0.991	0.050	2.9457	50.0
2-Chlorophenol-d4	1.401	1.455	0.200	3.8204	50.0
4-Methylphenol-d8	1.261	1.305	0.010	3.48	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: BNA_M Calibration Date/Time: 10/18/2024 1 04:56

Lab File ID: BM048126.D Init. Calib. Date(s):

EPA Sample No.: SSTD020186 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.169	0.171	0.050	1.1929	50.0
2-Nitrophenol-d4	0.187	0.189	0.050	1.0302	50.0
2,4-Dichlorophenol-d3	0.329	0.337	0.060	2.3155	50.0
4-Chloroaniline-d4	0.431	0.443	0.010	2.8175	50.0
Dimethylphthalate-d6	1.453	1.468	0.300	1.0865	50.0
Acenaphthylene-d8	1.727	1.752	0.400	1.4634	50.0
4-Nitrophenol-d4	0.268	0.262	0.010	-2.5676	50.0
Fluorene-d10	1.240	1.255	0.100	1.2165	50.0
4,6-Dinitro-2-methylphenol-d2	0.129	0.127	0.010	-1.918	50.0
Anthracene-d10	0.949	0.982	0.300	3.5655	50.0
Pyrene-d10	1.222	1.228	0.300	0.5198	50.0
Benzo(a)pyrene-d12	1.068	1.088	0.010	1.8481	50.0

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.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: BNA_M Calibration Date/Time: 10/17/2024 1 15:47

Lab File ID: BM048108.D Init. Calib. Date(s):

EPA Sample No.: SICV033 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.552	0.499	0.010	-9.5741	40.0
Benzaldehyde	0.750	0.721	0.010	-3.7839	40.0
Pyridine	1.448	1.234	0.010	-14.8157	40.0
Phenol	1.666	1.538	0.080	-7.6982	20.0
Bis(2-Chloroethyl)ether	1.337	1.244	0.100	-6.9737	20.0
2-Chlorophenol	1.412	1.298	0.200	-8.0943	20.0
2-Methylphenol	1.261	1.161	0.010	-7.9371	20.0
2,2-oxybis(1-Chloropropane)	1.888	1.749	0.010	-7.339	40.0
Acetophenone	1.934	1.872	0.060	-3.2075	20.0
4-Methylphenol	1.356	1.268	0.010	-6.4852	20.0
N-Nitroso-di-n-propylamine	0.916	0.874	0.050	-4.5885	30.0
Hexachloroethane	0.600	0.560	0.100	-6.7519	20.0
Nitrobenzene	0.365	0.331	0.050	-9.4238	25.0
Isophorone	0.698	0.628	0.050	-10.119	25.0
2-Nitrophenol	0.199	0.184	0.050	-7.5227	25.0
2,4-Dimethylphenol	0.347	0.285	0.050	-17.7495	25.0
Bis(2-Chloroethoxy)methane	0.438	0.394	0.050	-9.967	20.0
2,4-Dichlorophenol	0.329	0.301	0.060	-8.5166	20.0
Naphthalene	1.106	1.019	0.200	-7.8004	20.0
4-Chloroaniline	0.415	0.406	0.010	-2.3143	40.0
Hexachlorobutadiene	0.218	0.200	0.040	-8.393	30.0
Caprolactam	0.102	0.091	0.010	-10.697	40.0
4-Chloro-3-methylphenol	0.317	0.291	0.040	-8.0959	25.0
1-Methylnaphthalene	0.725	0.638	0.100	-11.9675	20.0
2-Methylnaphthalene	0.720	0.680	0.100	-5.4643	20.0
Hexachlorocyclopentadiene	0.365	0.311	0.010	-14.8218	40.0
2,4,6-Trichlorophenol	0.429	0.391	0.090	-8.8487	25.0
2,4,5-Trichlorophenol	0.451	0.411	0.100	-8.982	25.0
1,1-Biphenyl	1.545	1.431	0.200	-7.3861	20.0
2-Chloronaphthalene	1.225	1.122	0.300	-8.414	20.0
2-Nitroaniline	0.318	0.298	0.050	-6.3161	40.0
Dimethylphthalate	1.461	1.343	0.300	-8.0328	20.0
2,6-Dinitrotoluene	0.290	0.287	0.080	-1.1138	30.0
Acenaphthylene	1.868	1.777	0.400	-4.9028	20.0
3-Nitroaniline	0.303	0.312	0.010	2.9629	40.0
Acenaphthene	1.293	1.198	0.200	-7.3357	20.0
2,4-Dinitrophenol	0.191	0.167	0.010	-12.7927	40.0
4-Nitrophenol	0.187	0.166	0.010	-11.3018	40.0
Dibenzofuran	1.769	1.674	0.300	-5.3706	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: BNA_M Calibration Date/Time: 10/17/2024 1 15:47

Lab File ID: BM048108.D Init. Calib. Date(s):

EPA Sample No.: SICV033 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.412	0.387	0.070	-6.0351	30.0
Diethylphthalate	1.449	1.334	0.300	-7.9421	20.0
Fluorene	1.382	1.299	0.200	-6.0144	20.0
4-Chlorophenyl-phenylether	0.687	0.637	0.100	-7.3067	20.0
4-Nitroaniline	0.262	0.305	0.010	16.2284	40.0
4,6-Dinitro-2-methylphenol	0.139	0.127	0.010	-8.3828	40.0
N-Nitrosodiphenylamine	0.601	0.573	0.050	-4.729	20.0
1,2,4,5-Tetrachlorobenzene	0.652	0.596	0.100	-8.4622	20.0
4-Bromophenyl-phenylether	0.217	0.200	0.070	-7.8241	20.0
Hexachlorobenzene	0.256	0.239	0.050	-6.7078	25.0
Atrazine	0.202	0.201	0.010	-0.6264	25.0
Pentachlorophenol	0.165	0.154	0.010	-7.0668	40.0
Phenanthrene	1.094	1.018	0.200	-6.9226	20.0
Pentachlorobenzene	0.327	0.291	0.050	-11.2421	20.0
Anthracene	1.098	1.043	0.200	-4.9989	20.0
1,2,3,4-Tetrachlorobenzene	0.336	0.289	0.050	-14.1367	20.0
Carbazole	0.972	0.947	0.050	-2.5963	40.0
Di-n-butylphthalate	1.281	1.176	0.500	-8.2087	25.0
Fluoranthene	1.422	1.299	0.400	-8.6124	25.0
Pyrene	1.515	1.380	0.400	-8.8838	25.0
Butylbenzylphthalate	0.658	0.588	0.100	-10.6108	40.0
3,3-Dichlorobenzidine	0.446	0.487	0.010	9.2242	40.0
Benzo(a)anthracene	1.454	1.318	0.300	-9.3662	30.0
Chrysene	1.370	1.252	0.200	-8.6531	30.0
Bis(2-ethylhexyl)phthalate	0.951	0.871	0.200	-8.4087	40.0
Di-n-octyl phthalate	1.443	1.330	0.010	-7.8115	40.0
Benzo(b)fluoranthene	1.260	1.170	0.200	-7.0875	25.0
Benzo(k)fluoranthene	1.255	1.120	0.200	-10.7353	25.0
Benzo(a)pyrene	1.173	1.102	0.200	-6.0515	20.0
Indeno(1,2,3-cd)pyrene	1.520	1.390	0.200	-8.5478	25.0
Dibenzo(a,h)anthracene	1.228	1.144	0.200	-6.8888	30.0
Benzo(g,h,i)perylene	1.183	1.053	0.200	-11.035	30.0
2,3,4,6-Tetrachlorophenol	0.364	0.357	0.040	-1.7995	20.0
1,4-Dioxane-d8	0.527	0.478	0.010	-9.2342	25.0
Pyridine-d5	1.417	1.340	0.010	-5.4399	40.0
Phenol-d5	1.620	1.493	0.010	-7.8516	25.0
Bis-(2-Chloroethyl)ether-d8	0.962	0.963	0.050	0.042	25.0
2-Chlorophenol-d4	1.401	1.330	0.200	-5.09	20.0
4-Methylphenol-d8	1.261	1.181	0.010	-6.3197	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: BNA_M Calibration Date/Time: 10/17/2024 1 15:47

Lab File ID: BM048108.D Init. Calib. Date(s):

EPA Sample No.: SICV033 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.169	0.156	0.050	-7.4023	20.0
2-Nitrophenol-d4	0.187	0.174	0.050	-7.056	30.0
2,4-Dichlorophenol-d3	0.329	0.306	0.060	-6.9361	20.0
4-Chloroaniline-d4	0.431	0.415	0.010	-3.6144	40.0
Dimethylphthalate-d6	1.453	1.364	0.300	-6.11	20.0
Acenaphthylene-d8	1.727	1.645	0.400	-4.7356	20.0
4-Nitrophenol-d4	0.268	0.247	0.010	-8.1254	40.0
Fluorene-d10	1.240	1.163	0.100	-6.2196	20.0
4,6-Dinitro-2-methylphenol-d2	0.129	0.119	0.010	-7.7062	40.0
Anthracene-d10	0.949	0.898	0.300	-5.3701	20.0
Pyrene-d10	1.222	1.136	0.300	-7.0224	25.0
Benzo(a)pyrene-d12	1.068	0.993	0.010	-7.0529	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	10/12/2024 12:00:00 AM
Project:				Date Received:	10/12/2024 12:00:00 AM
Client Sample ID:	SBLK148			SDG No.:	BM101724
Lab Sample ID:	PB164148BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048109.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

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:	10/12/2024 12:00:00 AM
Project:				Date Received:	10/12/2024 12:00:00 AM
Client Sample ID:	SBLK148			SDG No.:	BM101724
Lab Sample ID:	PB164148BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048109.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

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:	10/12/2024 12:00:00 AM
Project:				Date Received:	10/12/2024 12:00:00 AM
Client Sample ID:	SBLK148			SDG No.:	BM101724
Lab Sample ID:	PB164148BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048109.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.524		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	31		20-120		77	SPK: -40
4165-62-2	Phenol-d5	30.953		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.718		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.254		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	31.288		25-125		78	SPK: -40
4165-60-0	Nitrobenzene-d5	31.913		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.554		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.006		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.43		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.794		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.578		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.971		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	31.931		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/12/2024 12:00:00 AM
Project:				Date Received:	10/12/2024 12:00:00 AM
Client Sample ID:	SBLK148			SDG No.:	BM101724
Lab Sample ID:	PB164148BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048109.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.984		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	32.826		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	30.959		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.544		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	222943	7.775				
1146-65-2	Naphthalene-d8	851497	10.563				
15067-26-2	Acenaphthene-d10	506346	14.41				
1517-22-2	Phenanthrene-d10	988052	17.145				
1719-03-5	Chrysene-d12	908589	21.374				
1520-96-3	Perylene-d12	1025923	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4EB6			SDG No.:	BM101724
Lab Sample ID:	P4360-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048110.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

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	1.9	J	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:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4EB6			SDG No.:	BM101724
Lab Sample ID:	P4360-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048110.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

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	2	J	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:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4EB6			SDG No.:	BM101724
Lab Sample ID:	P4360-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048110.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

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	5.864		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	8.062		20-120		20	SPK: -40
4165-62-2	Phenol-d5	9.807		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.162		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.355		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	22.692		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	36.894		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.237		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.19		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.506		1-146		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.914		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	37.299		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.59		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	38.008		25-125		95	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	A4EB6			SDG No.:	BM101724
Lab Sample ID:	P4360-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048110.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.943		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	40.85		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	38.932		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.408		20-130		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207829	7.769				
1146-65-2	Naphthalene-d8	804751	10.563				
15067-26-2	Acenaphthene-d10	480676	14.41				
1517-22-2	Phenanthrene-d10	922301	17.151				
1719-03-5	Chrysene-d12	850981	21.374				
1520-96-3	Perylene-d12	960256	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
005131-66-8	2-Propanol, 1-butoxy-	8.8	J			6.422	
000090-05-1	Phenol, 2-methoxy-	5.1	J			8.869	
000078-70-6	Linalool	9.5	J			9.016	
000112-25-4	Ethanol, 2-(hexyloxy)-	5.1	J			9.098	
1000367-08-6	1-(1-Methoxypropan-2-yloxy)propan-	7.7	J			10.051	
057931-25-6	2-(Hexyloxy)acetic acid	3.3	J			11.704	
000109-21-7	Butanoic acid, butyl ester	5.5	J			13.016	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	23	J			17.815	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/12/2024 12:00:00 AM
Project:				Date Received:	10/12/2024 12:00:00 AM
Client Sample ID:	SLCS148			SDG No.:	BM101724
Lab Sample ID:	PB164148BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048111.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

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	38		2.5	5	10	ug/L
110-86-1	Pyridine	35		1.4	10	10	ug/L
108-95-2	Phenol	37		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	36		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	37		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	37		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37		1.4	5	10	ug/L
98-86-2	Acetophenone	37		1.5	5	10	ug/L
106-44-5	4-Methylphenol	37		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	37		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	36		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	37		1.4	2.5	5	ug/L
78-59-1	Isophorone	37		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	37		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	34		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	36		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	37		1.5	2.5	5	ug/L
91-20-3	Naphthalene	36		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	29		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	36		1.2	2.5	5	ug/L
105-60-2	Caprolactam	37		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	37		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	36		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	36		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	35		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:	10/12/2024 12:00:00 AM
Project:				Date Received:	10/12/2024 12:00:00 AM
Client Sample ID:	SLCS148			SDG No.:	BM101724
Lab Sample ID:	PB164148BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048111.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	36		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	38		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	37		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	39		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	37		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	38		0.84	5	10	ug/L
83-32-9	Acenaphthene	36		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	37		1.5	5	10	ug/L
132-64-9	Dibenzofuran	37		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	39		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	37		1.5	2.5	5	ug/L
86-73-7	Fluorene	36		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	45		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	37		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	36		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	37		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	37		1.6	2.5	5	ug/L
1912-24-9	Atrazine	24		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	34		3.6	5	10	ug/L
85-01-8	Phenanthrene	37		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	35		1.5	2.5	5	ug/L
120-12-7	Anthracene	38		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		1.2	2.5	5	ug/L
86-74-8	Carbazole	39		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	38		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	37		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/12/2024 12:00:00 AM
Project:				Date Received:	10/12/2024 12:00:00 AM
Client Sample ID:	SLCS148			SDG No.:	BM101724
Lab Sample ID:	PB164148BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048111.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37		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	39		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	37		1.4	2.5	5	ug/L
218-01-9	Chrysene	37		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	38		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	38		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	37		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	37		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	37		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	38		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	37		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.8		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	33.446		20-120		84	SPK: -40
4165-62-2	Phenol-d5	34.889		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.19		25-120		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.857		20-130		87	SPK: -40
190780-66-6	4-Methylphenol-d8	35.103		25-125		88	SPK: -40
4165-60-0	Nitrobenzene-d5	35.376		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.779		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.36		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.802		1-146		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.713		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	35.137		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.39		10-150		91	SPK: -40
81103-79-9	Fluorene-d10	35.191		25-125		88	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/12/2024 12:00:00 AM
Project:				Date Received:	10/12/2024 12:00:00 AM
Client Sample ID:	SLCS148			SDG No.:	BM101724
Lab Sample ID:	PB164148BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048111.D	1	10/12/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164148

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.558		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	36.086		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	35.5		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.867		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233025	7.769				
1146-65-2	Naphthalene-d8	904780	10.563				
15067-26-2	Acenaphthene-d10	540619	14.41				
1517-22-2	Phenanthrene-d10	1035509	17.151				
1719-03-5	Chrysene-d12	905597	21.374				
1520-96-3	Perylene-d12	1036245	24.362				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/10/2024 12:00:00 AM
Project:				Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SBLK043			SDG No.:	BM101724
Lab Sample ID:	PB164043BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048113.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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:	10/10/2024 12:00:00 AM
Project:				Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SBLK043			SDG No.:	BM101724
Lab Sample ID:	PB164043BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048113.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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:	10/10/2024 12:00:00 AM
Project:				Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SBLK043			SDG No.:	BM101724
Lab Sample ID:	PB164043BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048113.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.458		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	32.329		20-120		81	SPK: -40
4165-62-2	Phenol-d5	32.223		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.936		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.547		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	32.421		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	31.778		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.165		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.436		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.186		1-146		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.395		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.934		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.714		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	32.507		25-125		81	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/10/2024 12:00:00 AM
Project:				Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SBLK043			SDG No.:	BM101724
Lab Sample ID:	PB164043BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048113.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.255		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	33.332		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	31.809		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.74		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225925	7.769				
1146-65-2	Naphthalene-d8	880004	10.563				
15067-26-2	Acenaphthene-d10	526779	14.404				
1517-22-2	Phenanthrene-d10	1023645	17.145				
1719-03-5	Chrysene-d12	925949	21.374				
1520-96-3	Perylene-d12	1068396	24.362				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/15/2024 12:00:00 AM
Project:				Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK163			SDG No.:	BM101724
Lab Sample ID:	PB164163BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048114.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164163

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:	10/15/2024 12:00:00 AM
Project:				Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK163			SDG No.:	BM101724
Lab Sample ID:	PB164163BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048114.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164163

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:	10/15/2024 12:00:00 AM
Project:				Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK163			SDG No.:	BM101724
Lab Sample ID:	PB164163BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048114.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.519		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	32.358		20-120		81	SPK: -40
4165-62-2	Phenol-d5	31.947		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.57		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.933		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	32.054		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	31.869		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.153		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.524		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.687		1-146		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.276		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.798		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.223		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	32.167		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/15/2024 12:00:00 AM
Project:				Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK163			SDG No.:	BM101724
Lab Sample ID:	PB164163BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048114.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.086		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	32.744		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	31.956		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.748		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	228305	7.769				
1146-65-2	Naphthalene-d8	881433	10.563				
15067-26-2	Acenaphthene-d10	530248	14.404				
1517-22-2	Phenanthrene-d10	1036691	17.145				
1719-03-5	Chrysene-d12	920437	21.374				
1520-96-3	Perylene-d12	1076739	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H6			SDG No.:	BM101724
Lab Sample ID:	P4380-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048115.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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	5.8	J	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	2.9	J	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	1.9	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	6.8	J	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	5.7		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	64		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	5.7		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	7.2		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:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H6			SDG No.:	BM101724
Lab Sample ID:	P4380-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048115.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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	4	J	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	1.7	J	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	2.4	J	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2.9	J	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	4.6	J	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	3.8	J	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:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H6			SDG No.:	BM101724
Lab Sample ID:	P4380-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048115.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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	7.828		20-120		20	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.505		15-120		56	SPK: -8
4165-62-2	Phenol-d5	10.558		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.236		25-120		93	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.249		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	24.693		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	36.149		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.679		20-130		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.182		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.678		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.465		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	38.561		10-130		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.492		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	39.475		25-125		99	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H6			SDG No.:	BM101724
Lab Sample ID:	P4380-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048115.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.51		10-130		96	SPK: -40
1719-06-8	Anthracene-d10	40.088		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	39.499		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.264		20-130		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234045	7.769				
1146-65-2	Naphthalene-d8	921341	10.563				
15067-26-2	Acenaphthene-d10	554376	14.404				
1517-22-2	Phenanthrene-d10	1077076	17.145				
1719-03-5	Chrysene-d12	953602	21.374				
1520-96-3	Perylene-d12	1088117	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
000503-74-2	Butanoic acid, 3-methyl-	4.2	J			4.669	
007785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]	3.8	J			6.463	
000526-73-8	Benzene, 1,2,3-trimethyl-	4	J			7.422	
000095-13-6	Indene	36	J			8.304	
000108-68-9	Phenol, 3,5-dimethyl-	5.7	J			10.051	
000103-82-2	Benzeneacetic acid	2.8	J			11.116	
000083-33-0	1H-Inden-1-one, 2,3-dihydro-	2.1	J			11.945	
000120-72-9	Indole	2.6	J			12.057	
000091-63-4	Quinoline, 2-methyl-	3.8	J			12.363	
000621-59-0	Benzaldehyde, 3-hydroxy-4-methoxy-	2.8	J			13.327	
000581-40-8	Naphthalene, 2,3-dimethyl-	2	J			13.727	
000498-02-2	Apocynin	3.5	J			14.269	
000134-96-3	Benzaldehyde, 4-hydroxy-3,5-dimeth	2.5	J			15.845	
002478-38-8	Ethanone, 1-(4-hydroxy-3,5-dimetho	7.3	J			16.445	
032811-40-8	(E)-4-(3-Hydroxyprop-1-en-1-yl)-2-	4.1	J			16.551	
000262-12-4	Dibenzo-p-dioxin	3.8	J			17.715	
000057-10-3	n-Hexadecanoic acid	2.1	J			18.045	

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Report of Analysis

Client:				Date Collected:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H6			SDG No.:	BM101724
Lab Sample ID:	P4380-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048115.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
020675-96-1	trans-Sinapyl alcohol	2.3	J			18.374	
000057-11-4	Octadecanoic acid	3.7	J			19.321	
001740-19-8	Dehydroabietic acid	8.1	J			21.021	
000112-84-5	13-Docosenamide, (Z)-	6.5	J			22.744	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H9			SDG No.:	BM101724
Lab Sample ID:	P4380-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048116.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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	200	E	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.8	J	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	7.8		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:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H9			SDG No.:	BM101724
Lab Sample ID:	P4380-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048116.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	J	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	21		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	6.7		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	7.5		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	5.7		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	1.7	J	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	4.3	J	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	3.4	J	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H9			SDG No.:	BM101724
Lab Sample ID:	P4380-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048116.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2.2	J	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	4.736		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	6.651	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	8.872		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.337		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.096		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	20.578		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	26.372		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.761		20-130		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.014		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.073		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.226		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.051		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.314		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	31.478		25-125		79	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H9			SDG No.:	BM101724
Lab Sample ID:	P4380-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048116.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.921		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	32.451		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	31.882		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.002		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	240614	7.769				
1146-65-2	Naphthalene-d8	957179	10.563				
15067-26-2	Acenaphthene-d10	578641	14.404				
1517-22-2	Phenanthrene-d10	1125888	17.145				
1719-03-5	Chrysene-d12	1011637	21.374				
1520-96-3	Perylene-d12	1141739	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	8.7	J			15.762	
000057-10-3	n-Hexadecanoic acid	6.8	J			18.039	
000057-11-4	Octadecanoic acid	3.2	J			19.315	
000112-84-5	13-Docosenamide, (Z)-	2.7	J			22.744	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/7/2024 12:00:00 AM
Project:				Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27J0			SDG No.:	BM101724
Lab Sample ID:	P4380-08			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
BM048117.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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	6.7		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	2.8	J	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	2.2	J	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:	10/7/2024 12:00:00 AM
Project:				Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27J0			SDG No.:	BM101724
Lab Sample ID:	P4380-08			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
BM048117.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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	3.4	J	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	J	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	4.5	J	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:	10/7/2024 12:00:00 AM
Project:				Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27J0			SDG No.:	BM101724
Lab Sample ID:	P4380-08			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
BM048117.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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	4.701		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	20.076		20-120		50	SPK: -40
4165-62-2	Phenol-d5	0.127	*	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.907		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.05	*	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0.791	*	25-125		2	SPK: -40
4165-60-0	Nitrobenzene-d5	30.893		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	0.051	*	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.052	*	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.761		1-146		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.293		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	32.354		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.02	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	33.664		25-125		84	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/7/2024 12:00:00 AM
Project:				Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27J0			SDG No.:	BM101724
Lab Sample ID:	P4380-08			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
BM048117.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.027	*	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	35.597		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	35.234		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.771		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	244956	7.769				
1146-65-2	Naphthalene-d8	959866	10.563				
15067-26-2	Acenaphthene-d10	582104	14.404				
1517-22-2	Phenanthrene-d10	1139708	17.145				
1719-03-5	Chrysene-d12	1023578	21.368				
1520-96-3	Perylene-d12	1162694	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	3	J			7.84	
000120-72-9	Indole	3.9	J			12.063	
000575-37-1	Naphthalene, 1,7-dimethyl-	2.2	J			13.727	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H7	SDG No.:	BM101724
Lab Sample ID:	P4380-06	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
BM048118.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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	19		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	1.7	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	2.1	J	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	180	E	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.7	J	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	6.3		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:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H7			SDG No.:	BM101724
Lab Sample ID:	P4380-06			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
BM048118.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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	2.6	J	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	1.8	J	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	2.5	J	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2.8	J	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	2.6	J	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	6.5	J	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:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H7			SDG No.:	BM101724
Lab Sample ID:	P4380-06			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
BM048118.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

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	4.812		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	23.402		20-120		59	SPK: -40
4165-62-2	Phenol-d5	1.2	*	10-130		3	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.065		25-120		98	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.446	*	20-130		1	SPK: -40
190780-66-6	4-Methylphenol-d8	6.772	*	25-125		17	SPK: -40
4165-60-0	Nitrobenzene-d5	38.533		20-125		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	0.302	*	20-130		1	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.321	*	20-120		1	SPK: -40
191656-33-4	4-Chloroaniline-d4	41.924		1-146		105	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.849		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	40.061		10-130		100	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.012	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	40.285		25-125		101	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/8/2024 12:00:00 AM
Project:				Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	E27H7			SDG No.:	BM101724
Lab Sample ID:	P4380-06			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
BM048118.D	1	10/10/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.022	*	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	42.497		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	40.678		15-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.455		20-130		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	237113	7.769				
1146-65-2	Naphthalene-d8	926153	10.563				
15067-26-2	Acenaphthene-d10	562289	14.404				
1517-22-2	Phenanthrene-d10	1080352	17.145				
1719-03-5	Chrysene-d12	991750	21.368				
1520-96-3	Perylene-d12	1118581	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-13-6	Indene	4	J			8.305	
000091-22-5	Quinoline	13	J			11.393	
000119-65-3	Isoquinoline	3.3	J			11.74	
000120-72-9	Indole	100	J			12.063	
000091-63-4	Quinoline, 2-methyl-	3.2	J			12.351	
1000497-90-3	Octahydrodipyrrolo[1,2-a:1,2-d]p	2.5	J			18.186	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H0			SDG No.:	BM101724
Lab Sample ID:	P4389-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048119.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164163

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:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H0			SDG No.:	BM101724
Lab Sample ID:	P4389-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048119.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164163

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:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H0			SDG No.:	BM101724
Lab Sample ID:	P4389-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048119.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164163

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	4.585		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	9.958		20-120		25	SPK: -40
4165-62-2	Phenol-d5	9.312		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.201		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.589		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	21.673		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	33.721		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.033		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.623		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.792		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.975		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	35.004		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.718		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	35.305		25-125		88	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H0			SDG No.:	BM101724
Lab Sample ID:	P4389-01			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048119.D	1	10/15/2024 12:00:00 AM	10/17/2024 12:00:00 AM	PB164163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.438		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	35.159		25-130		88	SPK: -40
1718-52-1	Pyrene-d10	35.765		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.986		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	257083	7.769				
1146-65-2	Naphthalene-d8	1000407	10.563				
15067-26-2	Acenaphthene-d10	592859	14.404				
1517-22-2	Phenanthrene-d10	1164305	17.145				
1719-03-5	Chrysene-d12	1027701	21.374				
1520-96-3	Perylene-d12	1171183	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	4.9	J			15.762	
000057-10-3	n-Hexadecanoic acid	3.8	J			18.045	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H1			SDG No.:	BM101724
Lab Sample ID:	P4389-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048120.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

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	2.1	J	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	1.8	J	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:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H1			SDG No.:	BM101724
Lab Sample ID:	P4389-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048120.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

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:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H1			SDG No.:	BM101724
Lab Sample ID:	P4389-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048120.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

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	5.482		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	9.027		20-120		23	SPK: -40
4165-62-2	Phenol-d5	12.777		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.334		25-120		93	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.916		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	27.617		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	37.653		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.571		20-130		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.722		20-120		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.268		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.177		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	39.265		10-130		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.897		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	39.974		25-125		100	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27H1			SDG No.:	BM101724
Lab Sample ID:	P4389-02			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048120.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.676		10-130		97	SPK: -40
1719-06-8	Anthracene-d10	40.666		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	40.331		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.805		20-130		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	269382	7.769				
1146-65-2	Naphthalene-d8	1051331	10.563				
15067-26-2	Acenaphthene-d10	637519	14.404				
1517-22-2	Phenanthrene-d10	1240016	17.145				
1719-03-5	Chrysene-d12	1092984	21.368				
1520-96-3	Perylene-d12	1241643	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
000120-72-9	Indole	2.1	J			12.063	
004408-60-0	Mesitylacetic acid	3.3	J			14.151	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	2.8	J			16.098	
002478-38-8	Ethanone, 1-(4-hydroxy-3,5-dimetho	9.3	J			16.445	
001740-19-8	Dehydroabietic acid	4.3	J			21.021	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J4			SDG No.:	BM101724
Lab Sample ID:	P4389-03			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
BM048121.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

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	2.1	J	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:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J4			SDG No.:	BM101724
Lab Sample ID:	P4389-03			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
BM048121.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

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	3.4	J	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:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J4			SDG No.:	BM101724
Lab Sample ID:	P4389-03			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
BM048121.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

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	5.53		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	7.473	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	9.659		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.897		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.421		20-130		84	SPK: -40
190780-66-6	4-Methylphenol-d8	23.032		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	36.878		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.901		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.725		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.571		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.475		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	37.106		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.917		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	37.654		25-125		94	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J4			SDG No.:	BM101724
Lab Sample ID:	P4389-03			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
BM048121.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.787		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	41.158		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	38.997		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.867		20-130		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	253194	7.769				
1146-65-2	Naphthalene-d8	994730	10.563				
15067-26-2	Acenaphthene-d10	593290	14.404				
1517-22-2	Phenanthrene-d10	1135740	17.145				
1719-03-5	Chrysene-d12	1049731	21.374				
1520-96-3	Perylene-d12	1196182	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
000090-05-1	Phenol, 2-methoxy-	4.2	J			8.863	
000077-68-9	Propanoic acid, 2-methyl-, 3-hydro	4.1	J			13.016	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3	J			17.815	
000112-84-5	13-Docosenamide, (Z)-	3	J			22.739	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J8	SDG No.:	BM101724
Lab Sample ID:	P4389-04	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
BM048122.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

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:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J8			SDG No.:	BM101724
Lab Sample ID:	P4389-04			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
BM048122.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

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:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J8			SDG No.:	BM101724
Lab Sample ID:	P4389-04			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
BM048122.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

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	5.104		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	8.623		20-120		22	SPK: -40
4165-62-2	Phenol-d5	8.762		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.768		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.944		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	20.949		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	36.787		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.136		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.694		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.07		1-146		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.696		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	37.406		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.794		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	37.762		25-125		94	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/9/2024 12:00:00 AM
Project:				Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27J8			SDG No.:	BM101724
Lab Sample ID:	P4389-04			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
BM048122.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.558		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	38.945		25-130		97	SPK: -40
1718-52-1	Pyrene-d10	36.831		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.58		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	257606	7.769				
1146-65-2	Naphthalene-d8	1003399	10.563				
15067-26-2	Acenaphthene-d10	600917	14.404				
1517-22-2	Phenanthrene-d10	1161160	17.145				
1719-03-5	Chrysene-d12	1069697	21.374				
1520-96-3	Perylene-d12	1221979	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	14	J			15.762	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27H5	SDG No.:	BM101724
Lab Sample ID:	P4380-04	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
BM048123.D	1	10/10/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164043

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	3.6	J	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	3.3	J	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	4.4	J	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	8.8		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	3.7	J	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	2.9	J	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:	10/7/2024 12:00:00 AM
Project:				Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27H5			SDG No.:	BM101724
Lab Sample ID:	P4380-04			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
BM048123.D	1	10/10/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164043

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	4.5	J	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	1.6	J	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.9	J	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	5.9		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	1.8	J	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:	10/7/2024 12:00:00 AM
Project:				Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27H5			SDG No.:	BM101724
Lab Sample ID:	P4380-04			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
BM048123.D	1	10/10/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164043

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	5.895		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	25.013		20-120		63	SPK: -40
4165-62-2	Phenol-d5	6.1		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	41.981		25-120		105	SPK: -40
93951-73-6	2-Chlorophenol-d4	4.254	*	20-130		11	SPK: -40
190780-66-6	4-Methylphenol-d8	20.83		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	41.798		20-125		104	SPK: -40
93951-78-1	2-Nitrophenol-d4	3.497	*	20-130		9	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	3.472	*	20-120		9	SPK: -40
191656-33-4	4-Chloroaniline-d4	43.596		1-146		109	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.724		25-130		104	SPK: -40
93951-97-4	Acenaphthylene-d8	42.735		10-130		107	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.067	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	44.027		25-125		110	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/7/2024 12:00:00 AM
Project:				Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	E27H5			SDG No.:	BM101724
Lab Sample ID:	P4380-04			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
BM048123.D	1	10/10/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.063	*	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	46.021		25-130		115	SPK: -40
1718-52-1	Pyrene-d10	44.67		15-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.519		20-130		114	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	251844	7.769				
1146-65-2	Naphthalene-d8	982120	10.563				
15067-26-2	Acenaphthene-d10	592508	14.404				
1517-22-2	Phenanthrene-d10	1154039	17.145				
1719-03-5	Chrysene-d12	1060155	21.368				
1520-96-3	Perylene-d12	1204813	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
000090-02-8	Benzaldehyde, 2-hydroxy-	4.4	J			8.275	
000120-72-9	Indole	4.9	J			12.063	
000571-58-4	Naphthalene, 1,4-dimethyl-	2.8	J			13.727	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	2.1	J			16.098	
000086-77-1	2-Dibenzofuranol	2.3	J			17.715	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/15/2024 12:00:00 AM
Project:				Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SLCS163			SDG No.:	BM101724
Lab Sample ID:	PB164163BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048124.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	40		2.5	5	10	ug/L
110-86-1	Pyridine	37		1.4	10	10	ug/L
108-95-2	Phenol	39		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	38		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	39		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	39		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39		1.4	5	10	ug/L
98-86-2	Acetophenone	40		1.5	5	10	ug/L
106-44-5	4-Methylphenol	39		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	39		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	38		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	39		1.4	2.5	5	ug/L
78-59-1	Isophorone	38		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	39		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	34		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	38		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	38		1.5	2.5	5	ug/L
91-20-3	Naphthalene	38		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	30		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	38		1.2	2.5	5	ug/L
105-60-2	Caprolactam	38		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	39		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	38		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	38		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	37		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	37		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:	10/15/2024 12:00:00 AM
Project:				Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SLCS163			SDG No.:	BM101724
Lab Sample ID:	PB164163BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048124.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	38		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	38		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	40		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	38		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	39		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	40		0.84	5	10	ug/L
83-32-9	Acenaphthene	38		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	39		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	39		1.5	5	10	ug/L
132-64-9	Dibenzofuran	38		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	41		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	39		1.5	2.5	5	ug/L
86-73-7	Fluorene	38		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	47		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	40		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	39		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	38		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	39		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	38		1.6	2.5	5	ug/L
1912-24-9	Atrazine	25		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	35		3.6	5	10	ug/L
85-01-8	Phenanthrene	39		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	36		1.5	2.5	5	ug/L
120-12-7	Anthracene	39		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	37		1.2	2.5	5	ug/L
86-74-8	Carbazole	40		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	39		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	39		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/15/2024 12:00:00 AM
Project:				Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SLCS163			SDG No.:	BM101724
Lab Sample ID:	PB164163BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048124.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	39		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	39		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	39		1.4	2.5	5	ug/L
218-01-9	Chrysene	38		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	39		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	41		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	40		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	40		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	39		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	39		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	40		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	40		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.027		15-120		88	SPK: -8
7291-22-7	Pyridine-d5	35.493		20-120		89	SPK: -40
4165-62-2	Phenol-d5	36.877		10-130		92	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.889		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.089		20-130		93	SPK: -40
190780-66-6	4-Methylphenol-d8	37.411		25-125		94	SPK: -40
4165-60-0	Nitrobenzene-d5	36.851		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.823		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.992		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	36.752		1-146		92	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.392		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	36.752		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	37.66		10-150		94	SPK: -40
81103-79-9	Fluorene-d10	37.076		25-125		93	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/15/2024 12:00:00 AM
Project:				Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SLCS163			SDG No.:	BM101724
Lab Sample ID:	PB164163BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048124.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.105		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	37.202		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	37.486		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.002		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241140	7.769				
1146-65-2	Naphthalene-d8	952126	10.563				
15067-26-2	Acenaphthene-d10	566571	14.404				
1517-22-2	Phenanthrene-d10	1094170	17.145				
1719-03-5	Chrysene-d12	943480	21.374				
1520-96-3	Perylene-d12	1070946	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/10/2024 12:00:00 AM
Project:				Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS043			SDG No.:	BM101724
Lab Sample ID:	PB164043BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048125.D	1	10/10/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164043

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	35		2.5	5	10	ug/L
110-86-1	Pyridine	31		1.4	10	10	ug/L
108-95-2	Phenol	33		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	33		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	33		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	32		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	33		1.4	5	10	ug/L
98-86-2	Acetophenone	34		1.5	5	10	ug/L
106-44-5	4-Methylphenol	33		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	33		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	33		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	33		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	33		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	30		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	33		1.5	2.5	5	ug/L
91-20-3	Naphthalene	33		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	27		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.2	2.5	5	ug/L
105-60-2	Caprolactam	33		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	33		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	32		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	32		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	31		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	32		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/10/2024 12:00:00 AM
Project:				Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS043			SDG No.:	BM101724
Lab Sample ID:	PB164043BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048125.D	1	10/10/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		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	34		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	33		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	34		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	34		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	34		0.84	5	10	ug/L
83-32-9	Acenaphthene	32		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	31		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	32		1.5	5	10	ug/L
132-64-9	Dibenzofuran	33		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	35		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	34		1.5	2.5	5	ug/L
86-73-7	Fluorene	33		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	34		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	34		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		1.6	2.5	5	ug/L
1912-24-9	Atrazine	23		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	30		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	31		1.2	2.5	5	ug/L
86-74-8	Carbazole	35		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	34		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:	10/10/2024 12:00:00 AM
Project:				Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS043			SDG No.:	BM101724
Lab Sample ID:	PB164043BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048125.D	1	10/10/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164043

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	33		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		1.4	2.5	5	ug/L
218-01-9	Chrysene	33		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	34		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		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	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	31		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.197		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	30.511		20-120		76	SPK: -40
4165-62-2	Phenol-d5	31.79		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.772		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.968		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	32.222		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	32.364		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.115		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.225		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.142		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.646		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	32.301		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.702		10-150		82	SPK: -40
81103-79-9	Fluorene-d10	32.676		25-125		82	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/10/2024 12:00:00 AM
Project:				Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SLCS043			SDG No.:	BM101724
Lab Sample ID:	PB164043BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048125.D	1	10/10/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.349		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	33.197		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	32.847		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.44		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	219178	7.769				
1146-65-2	Naphthalene-d8	860463	10.563				
15067-26-2	Acenaphthene-d10	511772	14.404				
1517-22-2	Phenanthrene-d10	980447	17.145				
1719-03-5	Chrysene-d12	865832	21.374				
1520-96-3	Perylene-d12	986084	24.356				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BM101724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : A4EB6									
P4360-03	A4EB6	Water	1-(1-Methoxypropan-2-yloxy)proj	*	7.700	J			
P4360-03	A4EB6	Water	2-(Hexyloxy)acetic acid	*	3.300	J			
P4360-03	A4EB6	Water	2-Propanol, 1-butoxy-	*	8.800	J			
P4360-03	A4EB6	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	23.000	J			
P4360-03	A4EB6	Water	Butanoic acid, butyl ester	*	5.500	J			
P4360-03	A4EB6	Water	Ethanol, 2-(hexyloxy)-	*	5.100	J			
P4360-03	A4EB6	Water	Linalool	*	9.500	J			
P4360-03	A4EB6	Water	Phenol, 2-methoxy-	*	5.100	J			
P4360-03	A4EB6	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :			**68.00**			
P4360-03	A4EB6	Water	Acetophenone		1.900	J	1.5	10	ug/L
P4360-03	A4EB6	Water	Diethylphthalate		2.000	J	1.5	5	ug/L
			Total Svoc :			**3.90**			
			Total Concentration:			**71.90**			
Client ID : E27H5									
P4380-04	E27H5	Water	2-Dibenzofuranol	*	2.300	J			
P4380-04	E27H5	Water	Benzaldehyde, 2-hydroxy-	*	4.400	J			
P4380-04	E27H5	Water	Benzenesulfonamide, N,4-dimethy	*	2.100	J			
P4380-04	E27H5	Water	Indole	*	4.900	J			
P4380-04	E27H5	Water	Naphthalene, 1,4-dimethyl-	*	2.800	J			
P4380-04	E27H5	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :			**16.50**			
P4380-04	E27H5	Water	1-Methylnaphthalene		3.700	J	1.3	5	ug/L
P4380-04	E27H5	Water	2,4-Dimethylphenol		4.400	J	0.98	5	ug/L
P4380-04	E27H5	Water	2-Methylnaphthalene		2.900	J	1.4	5	ug/L
P4380-04	E27H5	Water	4-Methylphenol		3.300	J	1.4	10	ug/L
P4380-04	E27H5	Water	Acenaphthene		4.500	J	1.5	5	ug/L
P4380-04	E27H5	Water	Carbazole		1.800	J	1.6	10	ug/L
P4380-04	E27H5	Water	Dibenzofuran		1.600	J	1.5	5	ug/L
P4380-04	E27H5	Water	Fluorene		1.900	J	1.5	5	ug/L
P4380-04	E27H5	Water	Naphthalene		8.800		1.3	5	ug/L
P4380-04	E27H5	Water	Phenanthrene		5.900		1.6	5	ug/L
P4380-04	E27H5	Water	Phenol		3.600	J	1.4	10	ug/L
			Total Svoc :			**42.40**			
			Total Concentration:			**58.90**			
Client ID : E27H6									
P4380-05	E27H6	Water	(1R)-2,6,6-Trimethylbicyclo[3.1.1	*	3.800	J			

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Hit Summary Sheet
SW-846

SDG No.: BM101724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4380-05	E27H6	Water	(E)-4-(3-Hydroxyprop-1-en-1-yl)-	*	4.100	J			
P4380-05	E27H6	Water	13-Docosenamide, (Z)-	*	6.500	J			
P4380-05	E27H6	Water	1H-Inden-1-one, 2,3-dihydro-	*	2.100	J			
P4380-05	E27H6	Water	Apocynin	*	3.500	J			
P4380-05	E27H6	Water	Benzaldehyde, 3-hydroxy-4-meth	*	2.800	J			
P4380-05	E27H6	Water	Benzaldehyde, 4-hydroxy-3,5-dim	*	2.500	J			
P4380-05	E27H6	Water	Benzene, 1,2,3-trimethyl-	*	4.000	J			
P4380-05	E27H6	Water	Benzeneacetic acid	*	2.800	J			
P4380-05	E27H6	Water	Butanoic acid, 3-methyl-	*	4.200	J			
P4380-05	E27H6	Water	Dehydroabietic acid	*	8.100	J			
P4380-05	E27H6	Water	Dibenzo-p-dioxin	*	3.800	J			
P4380-05	E27H6	Water	Ethanone, 1-(4-hydroxy-3,5-dimet	*	7.300	J			
P4380-05	E27H6	Water	Indene	*	36.000	J			
P4380-05	E27H6	Water	Indole	*	2.600	J			
P4380-05	E27H6	Water	n-Hexadecanoic acid	*	2.100	J			
P4380-05	E27H6	Water	Naphthalene, 2,3-dimethyl-	*	2.000	J			
P4380-05	E27H6	Water	Octadecanoic acid	*	3.700	J			
P4380-05	E27H6	Water	Phenol, 3,5-dimethyl-	*	5.700	J			
P4380-05	E27H6	Water	Quinoline, 2-methyl-	*	3.800	J			
P4380-05	E27H6	Water	trans-Sinapyl alcohol	*	2.300	J			
P4380-05	E27H6	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**113.70**				
P4380-05	E27H6	Water	1-Methylnaphthalene		5.700		1.3	5	ug/L
P4380-05	E27H6	Water	2,4-Dimethylphenol		5.700		0.98	5	ug/L
P4380-05	E27H6	Water	2-Methylnaphthalene		7.200		1.4	5	ug/L
P4380-05	E27H6	Water	2-Methylphenol		2.900	J	1.4	10	ug/L
P4380-05	E27H6	Water	4-Methylphenol		6.800	J	1.4	10	ug/L
P4380-05	E27H6	Water	Acenaphthene		1.700	J	1.5	5	ug/L
P4380-05	E27H6	Water	Acenaphthylene		4.000	J	1.5	5	ug/L
P4380-05	E27H6	Water	Acetophenone		1.900	J	1.5	10	ug/L
P4380-05	E27H6	Water	Carbazole		3.800	J	1.6	10	ug/L
P4380-05	E27H6	Water	Dibenzofuran		2.400	J	1.5	5	ug/L
P4380-05	E27H6	Water	Fluorene		2.900	J	1.5	5	ug/L
P4380-05	E27H6	Water	Naphthalene		64.000		1.3	5	ug/L
P4380-05	E27H6	Water	Phenanthrene		4.600	J	1.6	5	ug/L
P4380-05	E27H6	Water	Phenol		5.800	J	1.4	10	ug/L
			Total Svoc :		**119.40**				
			Total Concentration:		**233.10**				
Client ID :	**E27H7**								
P4380-06	E27H7	Water	Indene	*	4.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BM101724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4380-06	E27H7	Water	Indole	*	100.000	J			
P4380-06	E27H7	Water	Isoquinoline	*	3.300	J			
P4380-06	E27H7	Water	Octahydrodipyrrolo[1,2-a:1,2-d]p	*	2.500	J			
P4380-06	E27H7	Water	Quinoline	*	13.000	J			
P4380-06	E27H7	Water	Quinoline, 2-methyl-	*	3.200	J			
P4380-06	E27H7	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**126.00**				
P4380-06	E27H7	Water	1-Methylnaphthalene		4.700	J	1.3	5	ug/L
P4380-06	E27H7	Water	2-Methylnaphthalene		6.300		1.4	5	ug/L
P4380-06	E27H7	Water	4-Methylphenol		2.100	J	1.4	10	ug/L
P4380-06	E27H7	Water	Acenaphthene		1.800	J	1.5	5	ug/L
P4380-06	E27H7	Water	Acenaphthylene		2.600	J	1.5	5	ug/L
P4380-06	E27H7	Water	Acetophenone		1.700	J	1.5	10	ug/L
P4380-06	E27H7	Water	Carbazole		6.500	J	1.6	10	ug/L
P4380-06	E27H7	Water	Dibenzofuran		2.500	J	1.5	5	ug/L
P4380-06	E27H7	Water	Fluorene		2.800	J	1.5	5	ug/L
P4380-06	E27H7	Water	Naphthalene		180.000	E	1.3	5	ug/L
P4380-06	E27H7	Water	Phenanthrene		2.600	J	1.6	5	ug/L
P4380-06	E27H7	Water	Phenol		19.000		1.4	10	ug/L
			Total Svoc :		**232.60**				
			Total Concentration:		**358.60**				
Client ID :	**E27H9**								
P4380-07	E27H9	Water	13-Docosenamide, (Z)-	*	2.700	J			
P4380-07	E27H9	Water	Benzophenone	*	8.700	J			
P4380-07	E27H9	Water	n-Hexadecanoic acid	*	6.800	J			
P4380-07	E27H9	Water	Octadecanoic acid	*	3.200	J			
P4380-07	E27H9	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**21.40**				
P4380-07	E27H9	Water	1,1-Biphenyl		1.900	J	1.7	5	ug/L
P4380-07	E27H9	Water	1-Methylnaphthalene		4.800	J	1.3	5	ug/L
P4380-07	E27H9	Water	2-Methylnaphthalene		7.800		1.4	5	ug/L
P4380-07	E27H9	Water	Acenaphthene		21.000		1.5	5	ug/L
P4380-07	E27H9	Water	Anthracene		1.700	J	1.4	5	ug/L
P4380-07	E27H9	Water	Carbazole		4.300	J	1.6	10	ug/L
P4380-07	E27H9	Water	Dibenzofuran		6.700		1.5	5	ug/L
P4380-07	E27H9	Water	Fluoranthene		3.400	J	1.7	5	ug/L
P4380-07	E27H9	Water	Fluorene		7.500		1.5	5	ug/L
P4380-07	E27H9	Water	Naphthalene		200.000	E	1.3	5	ug/L
P4380-07	E27H9	Water	Phenanthrene		5.700		1.6	5	ug/L
P4380-07	E27H9	Water	Pyrene		2.200	J	1.7	5	ug/L

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BM101724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :		**267.00**				
			Total Concentration:		**288.40**				
Client ID :	**E27J0**								
P4380-08	E27J0	Water	1-Hexanol, 2-ethyl-	*	3.000	J			
P4380-08	E27J0	Water	Indole	*	3.900	J			
P4380-08	E27J0	Water	Naphthalene, 1,7-dimethyl-	*	2.200	J			
P4380-08	E27J0	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**9.10**				
P4380-08	E27J0	Water	1-Methylnaphthalene		2.800	J	1.3	5	ug/L
P4380-08	E27J0	Water	2-Methylnaphthalene		2.200	J	1.4	5	ug/L
P4380-08	E27J0	Water	Acenaphthene		3.400	J	1.5	5	ug/L
P4380-08	E27J0	Water	Fluorene		1.500	J	1.5	5	ug/L
P4380-08	E27J0	Water	Naphthalene		6.700		1.3	5	ug/L
P4380-08	E27J0	Water	Phenanthrene		4.500	J	1.6	5	ug/L
			Total Svoc :		**21.10**				
			Total Concentration:		**30.20**				
Client ID :	**E27H0**								
P4389-01	E27H0	Water	Benzophenone	*	4.900	J			
P4389-01	E27H0	Water	n-Hexadecanoic acid	*	3.800	J			
P4389-01	E27H0	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**8.70**				
			Total Concentration:		**8.70**				
Client ID :	**E27H1**								
P4389-02	E27H1	Water	Benzenesulfonamide, N,4-dimethy	*	2.800	J			
P4389-02	E27H1	Water	Dehydroabietic acid	*	4.300	J			
P4389-02	E27H1	Water	Ethanone, 1-(4-hydroxy-3,5-dimet	*	9.300	J			
P4389-02	E27H1	Water	Indole	*	2.100	J			
P4389-02	E27H1	Water	Mesitylacetic acid	*	3.300	J			
P4389-02	E27H1	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**21.80**				
P4389-02	E27H1	Water	2,4-Dimethylphenol		1.800	J	0.98	5	ug/L
P4389-02	E27H1	Water	Phenol		2.100	J	1.4	10	ug/L
			Total Svoc :		**3.90**				
			Total Concentration:		**25.70**				
Client ID :	**E27J4**								
P4389-03	E27J4	Water	13-Docosenamide, (Z)-	*	3.000	J			
P4389-03	E27J4	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	3.000	J			
P4389-03	E27J4	Water	Phenol, 2-methoxy-	*	4.200	J			
P4389-03	E27J4	Water	Propanoic acid, 2-methyl-, 3-hydr	*	4.100	J			

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Hit Summary Sheet
SW-846

SDG No.: BM101724

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P4389-03	E27J4	Water	Total Alkanes	*	0.000		1.7	5.1	ug/L
			Total Tics :		**14.30**				
P4389-03	E27J4	Water	Acetophenone		2.100	J	1.5	10	ug/L
P4389-03	E27J4	Water	Diethylphthalate		3.400	J	1.5	5.1	ug/L
			Total Svoc :		**5.50**				
			Total Concentration:		**19.80**				
Client ID : E27J8									
P4389-04	E27J8	Water	Benzophenone	*	14.000	J			
P4389-04	E27J8	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**14.00**				
			Total Concentration:		**14.00**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: Calibration Date(s): 10/17/2024

Calibration Time(s): 11:47

LAB FILE ID: RRFAL1 = BM048102.D RRFAL2 = BM048103.D RRFAL3 = BM048104.D
RRFAL4 = BM048105.D RRFAL5 = BM048106.D RRFAL6 = BM048107.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.537	0.588	0.580	0.537	0.516		0.552	5.6
Benzaldehyde		0.984	0.512	0.929	0.759	0.565	0.750	28.1
Pyridine		1.558	1.504	1.432	1.410	1.336	1.448	5.9
Hexachloroethane	0.574	0.642	0.617	0.593	0.574		0.600	4.9
Nitrobenzene	0.337	0.383	0.374	0.369	0.363		0.365	4.8
Isophorone	0.650	0.746	0.717	0.699	0.680		0.698	5.2
2-Nitrophenol	0.178	0.205	0.204	0.203	0.205		0.199	5.8
2,4-Dimethylphenol	0.319	0.367	0.362	0.340	0.346		0.347	5.6
Bis(2-Chloroethoxy)methane	0.417	0.466	0.441	0.438	0.427		0.438	4.2
2,4-Dichlorophenol	0.304	0.351	0.337	0.333	0.322		0.329	5.3
Naphthalene	1.070	1.195	1.129	1.090	1.043		1.106	5.3
4-Chloroaniline		0.446	0.434	0.426	0.409	0.361	0.415	8.0
Hexachlorobutadiene	0.205	0.238	0.225	0.215	0.206		0.218	6.3
Phenol		1.729	1.707	1.651	1.665	1.580	1.666	3.5
Caprolactam		0.103	0.102	0.101	0.103	0.101	0.102	0.9
4-Chloro-3-methylphenol	0.288	0.333	0.322	0.324	0.317		0.317	5.5
1-Methylnaphthalene	0.691	0.785	0.743	0.718	0.685		0.725	5.7
2-Methylnaphthalene	0.685	0.773	0.740	0.711	0.688		0.720	5.2
Hexachlorocyclopentadiene		0.370	0.364	0.379	0.367	0.344	0.365	3.5
2,4,6-Trichlorophenol	0.386	0.455	0.431	0.438	0.432		0.429	5.9
2,4,5-Trichlorophenol	0.412	0.472	0.452	0.460	0.461		0.451	5.2
1,1-Biphenyl	1.425	1.694	1.583	1.552	1.469		1.545	6.8
2-Chloronaphthalene	1.157	1.333	1.246	1.221	1.169		1.225	5.7
2-Nitroaniline	0.276	0.322	0.322	0.336	0.336		0.318	7.8
Bis(2-Chloroethyl)ether		1.406	1.362	1.329	1.326	1.264	1.337	3.9
Dimethylphthalate	1.383	1.577	1.485	1.460	1.398		1.461	5.3
2,6-Dinitrotoluene	0.237	0.297	0.295	0.309	0.313		0.290	10.5
Acenaphthylene	1.759	2.048	1.929	1.865	1.741		1.868	6.8
3-Nitroaniline		0.296	0.259	0.330	0.321	0.307	0.303	9.2
Acenaphthene	1.235	1.418	1.323	1.287	1.200		1.293	6.5
2,4-Dinitrophenol		0.157	0.177	0.196	0.210	0.218	0.191	12.9
4-Nitrophenol		0.179	0.186	0.192	0.195	0.182	0.187	3.6
Dibenzofuran	1.691	1.960	1.822	1.752	1.618		1.769	7.4
2,4-Dinitrotoluene	0.349	0.418	0.425	0.437	0.431		0.412	8.7
Diethylphthalate	1.370	1.572	1.482	1.446	1.372		1.449	5.8
2-Chlorophenol	1.304	1.498	1.442	1.414	1.401		1.412	5.0

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.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: Calibration Date(s): 10/17/2024

Calibration Time(s): 11:47

LAB FILE ID: RRFAL1 = BM048102.D RRFAL2 = BM048103.D RRFAL3 = BM048104.D
RRFAL4 = BM048105.D RRFAL5 = BM048106.D RRFAL6 = BM048107.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.375	1.558	1.437	1.350	1.191		1.382	9.7
4-Chlorophenyl-phenylether	0.673	0.773	0.713	0.677	0.601		0.687	9.1
4-Nitroaniline		0.286	0.216	0.309	0.269	0.230	0.262	14.7
4,6-Dinitro-2-methylphenol		0.138	0.142	0.146	0.139	0.131	0.139	3.9
N-Nitrosodiphenylamine	0.571	0.664	0.623	0.600	0.550		0.601	7.4
1,2,4,5-Tetrachlorobenzene	0.608	0.705	0.655	0.655	0.635		0.652	5.4
4-Bromophenyl-phenylether	0.204	0.232	0.223	0.219	0.207		0.217	5.5
Hexachlorobenzene	0.245	0.280	0.265	0.253	0.240		0.256	6.4
Atrazine		0.233	0.215	0.209	0.207	0.146	0.202	16.3
Pentachlorophenol		0.171	0.169	0.169	0.167	0.151	0.165	4.8
2-Methylphenol		1.302	1.288	1.263	1.266	1.184	1.261	3.6
Phenanthrene	1.048	1.196	1.130	1.088	1.008		1.094	6.7
Pentachlorobenzene	0.321	0.362	0.335	0.322	0.297		0.327	7.2
Anthracene	1.045	1.214	1.155	1.089	0.986		1.098	8.2
1,2,3,4-Tetrachlorobenzene	0.311	0.365	0.341	0.339	0.326		0.336	6.0
Carbazole		1.090	1.038	1.001	0.920	0.813	0.972	11.2
Di-n-butylphthalate	1.225	1.362	1.316	1.292	1.209		1.281	5.0
Fluoranthene	1.316	1.519	1.441	1.435	1.398		1.422	5.2
Pyrene	1.440	1.623	1.549	1.521	1.441		1.515	5.1
Butylbenzylphthalate	0.597	0.675	0.661	0.678	0.679		0.658	5.3
3,3-Dichlorobenzidine		0.486	0.453	0.485	0.434	0.371	0.446	10.6
2,2-oxybis(1-Chloropropane)		2.052	1.965	1.898	1.841	1.683	1.888	7.3
Benzo(a)anthracene	1.384	1.553	1.470	1.454	1.409		1.454	4.5
Chrysene	1.316	1.473	1.394	1.364	1.305		1.370	5.0
Bis(2-ethylhexyl)phthalate	0.892	1.009	0.980	0.970	0.905		0.951	5.3
Di-n-octyl phthalate		1.533	1.488	1.487	1.446	1.263	1.443	7.3
Benzo(b)fluoranthene	1.200	1.330	1.276	1.264	1.229		1.260	3.9
Benzo(k)fluoranthene	1.189	1.378	1.290	1.230	1.186		1.255	6.4
Benzo(a)pyrene	1.109	1.254	1.202	1.175	1.124		1.173	5.0
Indeno(1,2,3-cd)pyrene	1.413	1.616	1.545	1.518	1.509		1.520	4.8
Dibenzo(a,h)anthracene	1.140	1.314	1.259	1.233	1.195		1.228	5.3
Benzo(g,h,i)perylene	1.092	1.245	1.195	1.193	1.192		1.183	4.7
Acetophenone		2.112	2.048	1.968	1.888	1.652	1.934	9.2
2,3,4,6-Tetrachlorophenol	0.340	0.385	0.373	0.368	0.354		0.364	4.7
1,4-Dioxane-d8	0.532	0.562	0.541	0.507	0.492		0.527	5.3
Pyridine-d5		1.509	1.463	1.412	1.382	1.320	1.417	5.1

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.: BM101724 SAS No.: BM101724 SDG No.: BM101724

Instrument ID: Calibration Date(s): 10/17/2024

Calibration Time(s): 11:47

LAB FILE ID: RRFAL1 = BM048102.D RRFAL2 = BM048103.D RRFAL3 = BM048104.D
RRFAL4 = BM048105.D RRFAL5 = BM048106.D RRFAL6 = BM048107.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.691	1.643	1.597	1.611	1.558	1.620	3.1
Bis-(2-Chloroethyl)ether-d8		1.017	0.980	0.955	0.952	0.908	0.962	4.2
2-Chlorophenol-d4	1.281	1.486	1.438	1.396	1.406		1.401	5.4
4-Methylphenol-d8		1.291	1.285	1.262	1.271	1.196	1.261	3.0
Nitrobenzene-d5	0.152	0.174	0.171	0.173	0.174		0.169	5.6
2-Nitrophenol-d4	0.163	0.191	0.192	0.193	0.195		0.187	7.2
2,4-Dichlorophenol-d3	0.306	0.346	0.338	0.332	0.323		0.329	4.7
4-Chloroaniline-d4		0.456	0.451	0.440	0.427	0.380	0.431	7.1
4-Methylphenol		1.424	1.395	1.370	1.351	1.241	1.356	5.1
Dimethylphthalate-d6	1.375	1.563	1.476	1.453	1.397		1.453	5.1
Acenaphthylene-d8	1.607	1.864	1.755	1.739	1.671		1.727	5.6
4-Nitrophenol-d4		0.248	0.268	0.280	0.283	0.264	0.268	5.2
Fluorene-d10	1.186	1.365	1.266	1.230	1.153		1.240	6.6
4,6-Dinitro-2-methylphenol-		0.124	0.130	0.135	0.132	0.126	0.129	3.5
Anthracene-d10	0.894	1.039	0.983	0.947	0.879		0.949	6.9
Pyrene-d10	1.144	1.294	1.234	1.229	1.211		1.222	4.4
Benzo(a)pyrene-d12	1.006	1.140	1.091	1.064	1.042		1.068	4.7
N-Nitroso-di-n-propylamine	0.851	0.990	0.955	0.920	0.862		0.916	6.5

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG NO.: BM101724

EPA Sample No.: SSTD020029 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BM048104.D Time Analyzed: 15:47

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	260229	7.775	1.01652e+0(	10.56	605490	14.41
	UPPER LIMIT	520458	8.275	2033040	11.063	1210980	14.91
	LOWER LIMIT	130114.5	7.275	508260	10.063	302745	13.91
	EPA SAMPLE NO.						
01	SICV033	274828	7.78	1.08783e	10.56	643432	14.41
02	SBLK148	222943	7.78	851497	10.56	506346	14.41
03	A4EB6	207829	7.77	804751	10.56	480676	14.41
04	SLCS148	233025	7.77	904780	10.56	540619	14.41
05	SBLK043	225925	7.77	880004	10.56	526779	14.40
06	SBLK163	228305	7.77	881433	10.56	530248	14.40
07	E27H6	234045	7.77	921341	10.56	554376	14.40
08	E27H9	240614	7.77	957179	10.56	578641	14.40
09	E27J0	244956	7.77	959866	10.56	582104	14.40
10	E27H7	237113	7.77	926153	10.56	562289	14.40
11	E27H0	257083	7.77	1.00041e	10.56	592859	14.40
12	E27H1	269382	7.77	1.05133e	10.56	637519	14.40
13	E27J4	253194	7.77	994730	10.56	593290	14.40
14	E27J8	257606	7.77	1.0034e+	10.56	600917	14.40
15	E27H5	251844	7.77	982120	10.56	592508	14.40
16	SLCS163	241140	7.77	952126	10.56	566571	14.40
17	SLCS043	219178	7.77	860463	10.56	511772	14.40

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG NO.: BM101724

EPA Sample No.: SSTD020029 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BM048104.D Time Analyzed: 03:37

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	260229	7.775	1.01652e+0(	10.56	605490	14.41
UPPER LIMIT	520458	8.275	2033040	11.063	1210980	14.91
LOWER LIMIT	130114.5	7.275	508260	10.063	302745	13.91
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG NO.: BM101724

EPA Sample No.: SSTD020185 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BM048112.D Time Analyzed: 19:44

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	265602	7.769	1.03771e+0(	10.56	622592	14.40
	UPPER LIMIT	531204	8.269	2075420	11.063	1245184	14.904
	LOWER LIMIT	132801	7.269	518855	10.063	311296	13.904
	EPA SAMPLE NO.						
01	SBLK043	225925	7.77	880004	10.56	526779	14.40
02	SBLK163	228305	7.77	881433	10.56	530248	14.40
03	E27H6	234045	7.77	921341	10.56	554376	14.40
04	E27H9	240614	7.77	957179	10.56	578641	14.40
05	E27J0	244956	7.77	959866	10.56	582104	14.40
06	E27H7	237113	7.77	926153	10.56	562289	14.40
07	E27H0	257083	7.77	1.00041e	10.56	592859	14.40
08	E27H1	269382	7.77	1.05133e	10.56	637519	14.40
09	E27J4	253194	7.77	994730	10.56	593290	14.40
10	E27J8	257606	7.77	1.0034e+	10.56	600917	14.40
11	E27H5	251844	7.77	982120	10.56	592508	14.40
12	SLCS163	241140	7.77	952126	10.56	566571	14.40
13	SLCS043	219178	7.77	860463	10.56	511772	14.40

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.: BM101724 SAS No.: BM101724 SDG NO.: BM101724

EPA Sample No.: SSTD020029 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BM048104.D Time Analyzed: 15:47

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	1.16533e+0(	17.151	1.03528e+	21.374	1.18341e+0(	24.362
	UPPER LIMIT	2330660	17.651	2070560	21.874	2366820	24.862
	LOWER LIMIT	582665	16.651	517640	20.874	591705	23.862
	EPA SAMPLE NO.						
01	SICV033	1.24515	17.15	1.10416e+	21.37	1.26049e+	24.36
02	SBLK148	988052	17.15	908589	21.37	1.02592e+	24.36
03	A4EB6	922301	17.15	850981	21.37	960256	24.36
04	SLCS148	1.03551	17.15	905597	21.37	1.03625e+	24.36
05	SBLK043	1.02365	17.15	925949	21.37	1.0684e+0	24.36
06	SBLK163	1.03669	17.15	920437	21.37	1.07674e+	24.36
07	E27H6	1.07708	17.15	953602	21.37	1.08812e+	24.36
08	E27H9	1.12589	17.15	1.01164e+	21.37	1.14174e+	24.36
09	E27J0	1.13971	17.15	1.02358e+	21.37	1.16269e+	24.36
10	E27H7	1.08035	17.15	991750	21.37	1.11858e+	24.36
11	E27H0	1.16431	17.15	1.0277e+0	21.37	1.17118e+	24.36
12	E27H1	1.24002	17.15	1.09298e+	21.37	1.24164e+	24.36
13	E27J4	1.13574	17.15	1.04973e+	21.37	1.19618e+	24.36
14	E27J8	1.16116	17.15	1.0697e+0	21.37	1.22198e+	24.36
15	E27H5	1.15404	17.15	1.06016e+	21.37	1.20481e+	24.36
16	SLCS163	1.09417	17.15	943480	21.37	1.07095e+	24.36
17	SLCS043	980447	17.15	865832	21.37	986084	24.36

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG NO.: BM101724

EPA Sample No.: SSTD020029 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BM048104.D Time Analyzed: 03:37

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	1.16533e+0(	17.151	1.03528e+	21.374	1.18341e+0(	24.362
UPPER LIMIT	2330660	17.651	2070560	21.874	2366820	24.862
LOWER LIMIT	582665	16.651	517640	20.874	591705	23.862
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG NO.: BM101724

EPA Sample No.: SSTD020185 Date Analyzed: Oct 17 2024 12:00AM

Lab File ID: BM048112.D Time Analyzed: 19:44

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	1.19692e+0(	17.145	1.06406e+	21.374	1.20968e+0(	24.362
	UPPER LIMIT	2393840	17.645	2128120	21.874	2419360	24.862
	LOWER LIMIT	598460	16.645	532030	20.874	604840	23.862
	EPA SAMPLE NO.						
01	SBLK043	1.02365	17.15	925949	21.37	1.0684e+0	24.36
02	SBLK163	1.03669	17.15	920437	21.37	1.07674e+	24.36
03	E27H6	1.07708	17.15	953602	21.37	1.08812e+	24.36
04	E27H9	1.12589	17.15	1.01164e+	21.37	1.14174e+	24.36
05	E27J0	1.13971	17.15	1.02358e+	21.37	1.16269e+	24.36
06	E27H7	1.08035	17.15	991750	21.37	1.11858e+	24.36
07	E27H0	1.16431	17.15	1.0277e+0	21.37	1.17118e+	24.36
08	E27H1	1.24002	17.15	1.09298e+	21.37	1.24164e+	24.36
09	E27J4	1.13574	17.15	1.04973e+	21.37	1.19618e+	24.36
10	E27J8	1.16116	17.15	1.0697e+0	21.37	1.22198e+	24.36
11	E27H5	1.15404	17.15	1.06016e+	21.37	1.20481e+	24.36
12	SLCS163	1.09417	17.15	943480	21.37	1.07095e+	24.36
13	SLCS043	980447	17.15	865832	21.37	986084	24.36

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.: BM101724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
SSTDICV020	1,4-Dioxane	8	0	ug/L	0				0	0	
	Benzaldehyde	20	0	ug/L	0				0	0	
	Pyridine	20	0	ug/L	0				0	0	
	Phenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethyl)ether	20	0	ug/L	0				0	0	
	2-Chlorophenol	20	0	ug/L	0				0	0	
	2-Methylphenol	20	0	ug/L	0				0	0	
	2,2-oxybis(1-Chloropropane)	20	0	ug/L	0				0	0	
	Acetophenone	20	0	ug/L	0				0	0	
	4-Methylphenol	20	0	ug/L	0				0	0	
	N-Nitroso-di-n-propylamine	20	0	ug/L	0				0	0	
	Hexachloroethane	20	0	ug/L	0				0	0	
	Nitrobenzene	20	0	ug/L	0				0	0	
	Isophorone	20	0	ug/L	0				0	0	
	2-Nitrophenol	20	0	ug/L	0				0	0	
	2,4-Dimethylphenol	20	0	ug/L	0				0	0	
	Bis(2-chloroethoxy)methane	20	0	ug/L	0				0	0	
	2,4-Dichlorophenol	20	0	ug/L	0				0	0	
	Naphthalene	20	0	ug/L	0				0	0	
	4-Chloroaniline	20	0	ug/L	0				0	0	
	Hexachlorobutadiene	20	0	ug/L	0				0	0	
	Caprolactam	20	0	ug/L	0				0	0	
	4-Chloro-3-methylphenol	20	0	ug/L	0				0	0	
	1-Methylnaphthalene	20	0	ug/L	0				0	0	
	2-Methylnaphthalene	20	0	ug/L	0				0	0	
	Hexachlorocyclopentadiene	20	0	ug/L	0				0	0	
	2,4,6-Trichlorophenol	20	0	ug/L	0				0	0	
	2,4,5-Trichlorophenol	20	0	ug/L	0				0	0	
	1,1'-Biphenyl	20	0	ug/L	0				0	0	
	2-Chloronaphthalene	20	0	ug/L	0				0	0	
	2-Nitroaniline	20	0	ug/L	0				0	0	
	Dimethylphthalate	20	0	ug/L	0				0	0	
	2,6-Dinitrotoluene	20	0	ug/L	0				0	0	
	Acenaphthylene	20	0	ug/L	0				0	0	
	3-Nitroaniline	20	0	ug/L	0				0	0	
	Acenaphthene	20	0	ug/L	0				0	0	
	2,4-Dinitrophenol	20	0	ug/L	0				0	0	
	4-Nitrophenol	20	0	ug/L	0				0	0	
	Dibenzofuran	20	0	ug/L	0				0	0	
	2,4-Dinitrotoluene	20	0	ug/L	0				0	0	
	Diethylphthalate	20	0	ug/L	0				0	0	
	Fluorene	20	0	ug/L	0				0	0	
	4-Chlorophenyl-phenylether	20	0	ug/L	0				0	0	
	4-Nitroaniline	20	0	ug/L	0				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
SSTDICV020	4,6-Dinitro-2-methylphenol	20	0	ug/L	0				0	0	
	N-Nitrosodiphenylamine	20	0	ug/L	0				0	0	
	1,2,4,5-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	4-Bromophenyl-phenylether	20	0	ug/L	0				0	0	
	Hexachlorobenzene	20	0	ug/L	0				0	0	
	Atrazine	20	0	ug/L	0				0	0	
	Pentachlorophenol	20	0	ug/L	0				0	0	
	Phenanthrene	20	0	ug/L	0				0	0	
	Pentachlorobenzene	20	0	ug/L	0				0	0	
	Anthracene	20	0	ug/L	0				0	0	
	1,2,3,4-Tetrachlorobenzene	20	0	ug/L	0				0	0	
	Carbazole	20	0	ug/L	0				0	0	
	Di-n-butylphthalate	20	0	ug/L	0				0	0	
	Fluoranthene	20	0	ug/L	0				0	0	
	Pyrene	20	0	ug/L	0				0	0	
	Butylbenzylphthalate	20	0	ug/L	0				0	0	
	3,3'-Dichlorobenzidine	20	0	ug/L	0				0	0	
	Benzo(a)anthracene	20	0	ug/L	0				0	0	
	Chrysene	20	0	ug/L	0				0	0	
	Bis(2-ethylhexyl)phthalate	20	0	ug/L	0				0	0	
	Di-n-octylphthalate	20	0	ug/L	0				0	0	
	Benzo(b)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(k)fluoranthene	20	0	ug/L	0				0	0	
	Benzo(a)pyrene	20	0	ug/L	0				0	0	
	Indeno(1,2,3-cd)pyrene	20	0	ug/L	0				0	0	
	Dibenzo(a,h)anthracene	20	0	ug/L	0				0	0	
	Benzo(g,h,i)perylene	20	0	ug/L	0				0	0	
	2,3,4,6-Tetrachlorophenol	20	0	ug/L	0				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164043BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	35	ug/L	88				0	0	
	Pyridine	40	31	ug/L	78				0	0	
	Phenol	40	33	ug/L	83				0	0	
	Bis(2-chloroethyl)ether	40	33	ug/L	83				0	0	
	2-Chlorophenol	40	33	ug/L	83				0	0	
	2-Methylphenol	40	32	ug/L	80				0	0	
	2,2-oxybis(1-Chloropropane)	40	33	ug/L	83				0	0	
	Acetophenone	40	34	ug/L	85				0	0	
	4-Methylphenol	40	33	ug/L	83				0	0	
	N-Nitroso-di-n-propylamine	40	33	ug/L	83				0	0	
	Hexachloroethane	40	33	ug/L	83				0	0	
	Nitrobenzene	40	33	ug/L	83				0	0	
	Isophorone	40	33	ug/L	83				0	0	
	2-Nitrophenol	40	33	ug/L	83				0	0	
	2,4-Dimethylphenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethoxy)methane	40	33	ug/L	83				0	0	
	2,4-Dichlorophenol	40	33	ug/L	83				0	0	
	Naphthalene	40	33	ug/L	83				0	0	
	4-Chloroaniline	40	27	ug/L	68				0	0	
	Hexachlorobutadiene	40	33	ug/L	83				0	0	
	Caprolactam	40	33	ug/L	83				0	0	
	4-Chloro-3-methylphenol	40	33	ug/L	83				0	0	
	1-Methylnaphthalene	40	33	ug/L	83				0	0	
	2-Methylnaphthalene	40	32	ug/L	80				0	0	
	Hexachlorocyclopentadiene	40	32	ug/L	80				0	0	
	2,4,6-Trichlorophenol	40	31	ug/L	78				0	0	
	2,4,5-Trichlorophenol	40	32	ug/L	80				0	0	
	1,1'-Biphenyl	40	33	ug/L	83				0	0	
	2-Chloronaphthalene	40	33	ug/L	83				0	0	
	2-Nitroaniline	40	34	ug/L	85				0	0	
	Dimethylphthalate	40	33	ug/L	83				0	0	
	2,6-Dinitrotoluene	40	34	ug/L	85				0	0	
	Acenaphthylene	40	34	ug/L	85				0	0	
	3-Nitroaniline	40	34	ug/L	85				0	0	
	Acenaphthene	40	32	ug/L	80				0	0	
	2,4-Dinitrophenol	40	31	ug/L	78				0	0	
	4-Nitrophenol	40	32	ug/L	80				0	0	
	Dibenzofuran	40	33	ug/L	83				0	0	
	2,4-Dinitrotoluene	40	35	ug/L	88				0	0	
	Diethylphthalate	40	34	ug/L	85				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	34	ug/L	85				0	0	
	4-Nitroaniline	40	41	ug/L	103				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164043BS	4,6-Dinitro-2-methylphenol	40	34	ug/L	85				0	0	
	N-Nitrosodiphenylamine	40	34	ug/L	85				0	0	
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0	
	4-Bromophenyl-phenylether	40	34	ug/L	85				0	0	
	Hexachlorobenzene	40	33	ug/L	83				0	0	
	Atrazine	40	23	ug/L	58				0	0	
	Pentachlorophenol	40	30	ug/L	75				0	0	
	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	31	ug/L	78				0	0	
	Carbazole	40	35	ug/L	88				0	0	
	Di-n-butylphthalate	40	34	ug/L	85				0	0	
	Fluoranthene	40	33	ug/L	83				0	0	
	Pyrene	40	33	ug/L	83				0	0	
	Butylbenzylphthalate	40	33	ug/L	83				0	0	
	3,3'-Dichlorobenzidine	40	37	ug/L	93				0	0	
	Benzo(a)anthracene	40	33	ug/L	83				0	0	
	Chrysene	40	33	ug/L	83				0	0	
	Bis(2-ethylhexyl)phthalate	40	33	ug/L	83				0	0	
	Di-n-octylphthalate	40	34	ug/L	85				0	0	
	Benzo(b)fluoranthene	40	34	ug/L	85				0	0	
	Benzo(k)fluoranthene	40	34	ug/L	85				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	31	ug/L	78				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164148BS	1,4-Dioxane	16	14	ug/L	88				0	0	
	Benzaldehyde	40	38	ug/L	95				0	0	
	Pyridine	40	35	ug/L	88				0	0	
	Phenol	40	37	ug/L	93				0	0	
	Bis(2-chloroethyl)ether	40	36	ug/L	90				0	0	
	2-Chlorophenol	40	37	ug/L	93				0	0	
	2-Methylphenol	40	37	ug/L	93				0	0	
	2,2-oxybis(1-Chloropropane)	40	37	ug/L	93				0	0	
	Acetophenone	40	37	ug/L	93				0	0	
	4-Methylphenol	40	37	ug/L	93				0	0	
	N-Nitroso-di-n-propylamine	40	37	ug/L	93				0	0	
	Hexachloroethane	40	36	ug/L	90				0	0	
	Nitrobenzene	40	37	ug/L	93				0	0	
	Isophorone	40	37	ug/L	93				0	0	
	2-Nitrophenol	40	37	ug/L	93				0	0	
	2,4-Dimethylphenol	40	34	ug/L	85				0	0	
	Bis(2-chloroethoxy)methane	40	36	ug/L	90				0	0	
	2,4-Dichlorophenol	40	37	ug/L	93				0	0	
	Naphthalene	40	36	ug/L	90				0	0	
	4-Chloroaniline	40	29	ug/L	73				0	0	
	Hexachlorobutadiene	40	36	ug/L	90				0	0	
	Caprolactam	40	37	ug/L	93				0	0	
	4-Chloro-3-methylphenol	40	37	ug/L	93				0	0	
	1-Methylnaphthalene	40	36	ug/L	90				0	0	
	2-Methylnaphthalene	40	36	ug/L	90				0	0	
	Hexachlorocyclopentadiene	40	35	ug/L	88				0	0	
	2,4,6-Trichlorophenol	40	35	ug/L	88				0	0	
	2,4,5-Trichlorophenol	40	36	ug/L	90				0	0	
	1,1'-Biphenyl	40	36	ug/L	90				0	0	
	2-Chloronaphthalene	40	36	ug/L	90				0	0	
	2-Nitroaniline	40	38	ug/L	95				0	0	
	Dimethylphthalate	40	37	ug/L	93				0	0	
	2,6-Dinitrotoluene	40	39	ug/L	98				0	0	
	Acenaphthylene	40	37	ug/L	93				0	0	
	3-Nitroaniline	40	38	ug/L	95				0	0	
	Acenaphthene	40	36	ug/L	90				0	0	
	2,4-Dinitrophenol	40	36	ug/L	90				0	0	
	4-Nitrophenol	40	37	ug/L	93				0	0	
	Dibenzofuran	40	37	ug/L	93				0	0	
	2,4-Dinitrotoluene	40	39	ug/L	98				0	0	
	Diethylphthalate	40	37	ug/L	93				0	0	
	Fluorene	40	36	ug/L	90				0	0	
	4-Chlorophenyl-phenylether	40	37	ug/L	93				0	0	
	4-Nitroaniline	40	45	ug/L	113				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164148BS	4,6-Dinitro-2-methylphenol	40	38	ug/L	95				0	0	
	N-Nitrosodiphenylamine	40	37	ug/L	93				0	0	
	1,2,4,5-Tetrachlorobenzene	40	36	ug/L	90				0	0	
	4-Bromophenyl-phenylether	40	37	ug/L	93				0	0	
	Hexachlorobenzene	40	37	ug/L	93				0	0	
	Atrazine	40	24	ug/L	60				0	0	
	Pentachlorophenol	40	34	ug/L	85				0	0	
	Phenanthrene	40	37	ug/L	93				0	0	
	Pentachlorobenzene	40	35	ug/L	88				0	0	
	Anthracene	40	38	ug/L	95				0	0	
	1,2,3,4-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	Carbazole	40	39	ug/L	98				0	0	
	Di-n-butylphthalate	40	38	ug/L	95				0	0	
	Fluoranthene	40	37	ug/L	93				0	0	
	Pyrene	40	37	ug/L	93				0	0	
	Butylbenzylphthalate	40	37	ug/L	93				0	0	
	3,3'-Dichlorobenzidine	40	39	ug/L	98				0	0	
	Benzo(a)anthracene	40	37	ug/L	93				0	0	
	Chrysene	40	37	ug/L	93				0	0	
	Bis(2-ethylhexyl)phthalate	40	37	ug/L	93				0	0	
	Di-n-octylphthalate	40	38	ug/L	95				0	0	
	Benzo(b)fluoranthene	40	38	ug/L	95				0	0	
	Benzo(k)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(a)pyrene	40	37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	40	37	ug/L	93				0	0	
	Dibenzo(a,h)anthracene	40	38	ug/L	95				0	0	
	Benzo(g,h,i)perylene	40	37	ug/L	93				0	0	
	2,3,4,6-Tetrachlorophenol	40	34	ug/L	85				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164163BS	1,4-Dioxane	16	15	ug/L	94				0	0	
	Benzaldehyde	40	40	ug/L	100				0	0	
	Pyridine	40	37	ug/L	93				0	0	
	Phenol	40	39	ug/L	98				0	0	
	Bis(2-chloroethyl)ether	40	38	ug/L	95				0	0	
	2-Chlorophenol	40	39	ug/L	98				0	0	
	2-Methylphenol	40	39	ug/L	98				0	0	
	2,2-oxybis(1-Chloropropane)	40	39	ug/L	98				0	0	
	Acetophenone	40	40	ug/L	100				0	0	
	4-Methylphenol	40	39	ug/L	98				0	0	
	N-Nitroso-di-n-propylamine	40	39	ug/L	98				0	0	
	Hexachloroethane	40	38	ug/L	95				0	0	
	Nitrobenzene	40	39	ug/L	98				0	0	
	Isophorone	40	38	ug/L	95				0	0	
	2-Nitrophenol	40	39	ug/L	98				0	0	
	2,4-Dimethylphenol	40	34	ug/L	85				0	0	
	Bis(2-chloroethoxy)methane	40	38	ug/L	95				0	0	
	2,4-Dichlorophenol	40	38	ug/L	95				0	0	
	Naphthalene	40	38	ug/L	95				0	0	
	4-Chloroaniline	40	30	ug/L	75				0	0	
	Hexachlorobutadiene	40	38	ug/L	95				0	0	
	Caprolactam	40	38	ug/L	95				0	0	
	4-Chloro-3-methylphenol	40	39	ug/L	98				0	0	
	1-Methylnaphthalene	40	38	ug/L	95				0	0	
	2-Methylnaphthalene	40	38	ug/L	95				0	0	
	Hexachlorocyclopentadiene	40	37	ug/L	93				0	0	
	2,4,6-Trichlorophenol	40	37	ug/L	93				0	0	
	2,4,5-Trichlorophenol	40	38	ug/L	95				0	0	
	1,1'-Biphenyl	40	38	ug/L	95				0	0	
	2-Chloronaphthalene	40	38	ug/L	95				0	0	
	2-Nitroaniline	40	40	ug/L	100				0	0	
	Dimethylphthalate	40	38	ug/L	95				0	0	
	2,6-Dinitrotoluene	40	41	ug/L	103				0	0	
	Acenaphthylene	40	39	ug/L	98				0	0	
	3-Nitroaniline	40	40	ug/L	100				0	0	
	Acenaphthene	40	38	ug/L	95				0	0	
	2,4-Dinitrophenol	40	39	ug/L	98				0	0	
	4-Nitrophenol	40	39	ug/L	98				0	0	
	Dibenzofuran	40	38	ug/L	95				0	0	
	2,4-Dinitrotoluene	40	41	ug/L	103				0	0	
	Diethylphthalate	40	39	ug/L	98				0	0	
	Fluorene	40	38	ug/L	95				0	0	
	4-Chlorophenyl-phenylether	40	38	ug/L	95				0	0	
	4-Nitroaniline	40	47	ug/L	117				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164163BS	4,6-Dinitro-2-methylphenol	40	40	ug/L	100				0	0	
	N-Nitrosodiphenylamine	40	39	ug/L	98				0	0	
	1,2,4,5-Tetrachlorobenzene	40	38	ug/L	95				0	0	
	4-Bromophenyl-phenylether	40	39	ug/L	98				0	0	
	Hexachlorobenzene	40	38	ug/L	95				0	0	
	Atrazine	40	25	ug/L	63				0	0	
	Pentachlorophenol	40	35	ug/L	88				0	0	
	Phenanthrene	40	39	ug/L	98				0	0	
	Pentachlorobenzene	40	36	ug/L	90				0	0	
	Anthracene	40	39	ug/L	98				0	0	
	1,2,3,4-Tetrachlorobenzene	40	37	ug/L	93				0	0	
	Carbazole	40	40	ug/L	100				0	0	
	Di-n-butylphthalate	40	39	ug/L	98				0	0	
	Fluoranthene	40	39	ug/L	98				0	0	
	Pyrene	40	39	ug/L	98				0	0	
	Butylbenzylphthalate	40	39	ug/L	98				0	0	
	3,3'-Dichlorobenzidine	40	42	ug/L	105				0	0	
	Benzo(a)anthracene	40	39	ug/L	98				0	0	
	Chrysene	40	38	ug/L	95				0	0	
	Bis(2-ethylhexyl)phthalate	40	39	ug/L	98				0	0	
	Di-n-octylphthalate	40	41	ug/L	103				0	0	
	Benzo(b)fluoranthene	40	40	ug/L	100				0	0	
	Benzo(k)fluoranthene	40	40	ug/L	100				0	0	
	Benzo(a)pyrene	40	39	ug/L	98				0	0	
	Indeno(1,2,3-cd)pyrene	40	39	ug/L	98				0	0	
	Dibenzo(a,h)anthracene	40	40	ug/L	100				0	0	
	Benzo(g,h,i)perylene	40	40	ug/L	100				0	0	
	2,3,4,6-Tetrachlorophenol	40	36	ug/L	90				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK043

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG NO.: BM101724

Lab File ID: BM048113.D Lab Sample ID: PB164043BL

Instrument ID: BNA_M Date Extracted: 10/10/2024

Matrix: (soil/water) Water Date Analyzed: 10/17/2024

Level: (low/med) LOW Time Analyzed: 19:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E27H5	P4380-04	BM048123.D	10/18/2024
PB164043BS	PB164043BS	BM048125.D	10/18/2024
E27H6	P4380-05	BM048115.D	10/17/2024
E27H9	P4380-07	BM048116.D	10/17/2024
E27J0	P4380-08	BM048117.D	10/17/2024
E27H7	P4380-06	BM048118.D	10/17/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK148

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG NO.: BM101724

Lab File ID: BM048109.D Lab Sample ID: PB164148BL

Instrument ID: BNA_M Date Extracted: 10/12/2024

Matrix: (soil/water) Water Date Analyzed: 10/17/2024

Level: (low/med) LOW Time Analyzed: 16:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EB6	P4360-03	BM048110.D	10/17/2024
PB164148BS	PB164148BS	BM048111.D	10/17/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK163

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM101724 SAS No.: BM101724 SDG NO.: BM101724

Lab File ID: BM048114.D Lab Sample ID: PB164163BL

Instrument ID: BNA_M Date Extracted: 10/15/2024

Matrix: (soil/water) Water Date Analyzed: 10/17/2024

Level: (low/med) LOW Time Analyzed: 20:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164163BS	PB164163BS	BM048124.D	10/18/2024
E27H0	P4389-01	BM048119.D	10/17/2024
E27H1	P4389-02	BM048120.D	10/18/2024
E27J4	P4389-03	BM048121.D	10/18/2024
E27J8	P4389-04	BM048122.D	10/18/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4380-04	E27H5	BM048123.D	1,4-Dioxane-d8	8	5.90	74		15	120
			Pyridine-d5	40	25.01	63		20	120
			Phenol-d5	40	6.10	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	41.98	105		25	120
			2-Chlorophenol-d4	40	4.25	11	*	20	130
			4-Methylphenol-d8	40	20.83	52		25	125
			Nitrobenzene-d5	40	41.80	104		20	125
			2-Nitrophenol-d4	40	3.50	9	*	20	130
			2,4-Dichlorophenol-d3	40	3.47	9	*	20	120
			4-Chloroaniline-d4	40	43.60	109		1	146
			Dimethylphthalate-d6	40	41.72	104		25	130
			Acenaphthylene-d8	40	42.74	107		10	130
			4-Nitrophenol-d4	40	0.07	0	*	10	150
			Fluorene-d10	40	44.03	110		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.06	0	*	10	130
			Anthracene-d10	40	46.02	115		25	130
			Pyrene-d10	40	44.67	112		15	130
			Benzo(a)pyrene-d12	40	45.52	114		20	130
P4380-05	E27H6	BM048115.D	1,4-Dioxane-d8	8	4.51	56		15	120
			Pyridine-d5	40	7.83	20		20	120
			Phenol-d5	40	10.56	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.24	93		25	120
			2-Chlorophenol-d4	40	34.25	86		20	130
			4-Methylphenol-d8	40	24.69	62		25	125
			Nitrobenzene-d5	40	36.15	90		20	125
			2-Nitrophenol-d4	40	38.68	97		20	130
			2,4-Dichlorophenol-d3	40	37.18	93		20	120
			4-Chloroaniline-d4	40	24.68	62		1	146
			Dimethylphthalate-d6	40	37.47	94		25	130
			Acenaphthylene-d8	40	38.56	96		10	130
			4-Nitrophenol-d4	40	9.49	24		10	150
			Fluorene-d10	40	39.48	99		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.51	96		10	130
			Anthracene-d10	40	40.09	100		25	130
			Pyrene-d10	40	39.50	99		15	130
			Benzo(a)pyrene-d12	40	40.26	101		20	130
P4380-06	E27H7	BM048118.D	1,4-Dioxane-d8	8	4.81	60		15	120
			Pyridine-d5	40	23.40	59		20	120
			Phenol-d5	40	1.20	3	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	39.07	98		25	120
			2-Chlorophenol-d4	40	0.45	1	*	20	130
			4-Methylphenol-d8	40	6.77	17	*	25	125
			Nitrobenzene-d5	40	38.53	96		20	125
			2-Nitrophenol-d4	40	0.30	1	*	20	130
			2,4-Dichlorophenol-d3	40	0.32	1	*	20	120
			4-Chloroaniline-d4	40	41.92	105		1	146
			Dimethylphthalate-d6	40	37.85	95		25	130
			Acenaphthylene-d8	40	40.06	100		10	130
			4-Nitrophenol-d4	40	0.01	0	*	10	150

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Surrogate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4380-06	E27H7	BM048118.D	Fluorene-d10	40	40.29	101		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.02	0	*	10	130
			Anthracene-d10	40	42.50	106		25	130
			Pyrene-d10	40	40.68	102		15	130
			Benzo(a)pyrene-d12	40	42.46	106		20	130
P4380-07	E27H9	BM048116.D	Pyridine-d5	40	6.65	17	*	20	120
			1,4-Dioxane-d8	8	4.74	59		15	120
			Phenol-d5	40	8.87	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.34	68		25	120
			2-Chlorophenol-d4	40	26.10	65		20	130
			4-Methylphenol-d8	40	20.58	51		25	125
			Nitrobenzene-d5	40	26.37	66		20	125
			2-Nitrophenol-d4	40	26.76	67		20	130
			2,4-Dichlorophenol-d3	40	28.01	70		20	120
			4-Chloroaniline-d4	40	25.07	63		1	146
			Dimethylphthalate-d6	40	31.23	78		25	130
			Acenaphthylene-d8	40	30.05	75		10	130
			4-Nitrophenol-d4	40	7.31	18		10	150
			Fluorene-d10	40	31.48	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.92	72		10	130
			Anthracene-d10	40	32.45	81		25	130
			Pyrene-d10	40	31.88	80		15	130
			Benzo(a)pyrene-d12	40	32.00	80		20	130
P4380-08	E27J0	BM048117.D	1,4-Dioxane-d8	8	4.70	59		15	120
			Pyridine-d5	40	20.08	50		20	120
			Phenol-d5	40	0.13	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	31.91	80		25	120
			2-Chlorophenol-d4	40	0.05	0	*	20	130
			4-Methylphenol-d8	40	0.79	2	*	25	125
			Nitrobenzene-d5	40	30.89	77		20	125
			2-Nitrophenol-d4	40	0.05	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.05	0	*	20	120
			4-Chloroaniline-d4	40	32.76	82		1	146
			Dimethylphthalate-d6	40	30.29	76		25	130
			Acenaphthylene-d8	40	32.35	81		10	130
			4-Nitrophenol-d4	40	0.02	0	*	10	150
			Fluorene-d10	40	33.66	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.03	0	*	10	130
			Anthracene-d10	40	35.60	89		25	130
			Pyrene-d10	40	35.23	88		15	130
			Benzo(a)pyrene-d12	40	35.77	89		20	130
PB164043BL	PB164043BL	BM048113.D	1,4-Dioxane-d8	8	6.46	81		15	120
			Pyridine-d5	40	32.33	81		20	120
			Phenol-d5	40	32.22	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.94	82		25	120
			2-Chlorophenol-d4	40	32.55	81		20	130
			4-Methylphenol-d8	40	32.42	81		25	125
			Nitrobenzene-d5	40	31.78	79		20	125
			2-Nitrophenol-d4	40	32.17	80		20	130

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Surrogate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164043BL	PB164043BL	BM048113.D	2,4-Dichlorophenol-d3	40	29.44	74		20	120
			4-Chloroaniline-d4	40	33.19	83		1	146
			Dimethylphthalate-d6	40	32.40	81		25	130
			Acenaphthylene-d8	40	31.93	80		10	130
			4-Nitrophenol-d4	40	24.71	62		10	150
			Fluorene-d10	40	32.51	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.26	66		10	130
			Anthracene-d10	40	33.33	83		25	130
			Pyrene-d10	40	31.81	80		15	130
			Benzo(a)pyrene-d12	40	32.74	82		20	130
PB164043BS	PB164043BS	BM048125.D	1,4-Dioxane-d8	8	6.20	77		15	120
			Pyridine-d5	40	30.51	76		20	120
			Phenol-d5	40	31.79	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.77	79		25	120
			2-Chlorophenol-d4	40	31.97	80		20	130
			4-Methylphenol-d8	40	32.22	81		25	125
			Nitrobenzene-d5	40	32.36	81		20	125
			2-Nitrophenol-d4	40	32.12	80		20	130
			2,4-Dichlorophenol-d3	40	32.23	81		20	120
			4-Chloroaniline-d4	40	32.14	80		1	146
			Dimethylphthalate-d6	40	32.65	82		25	130
			Acenaphthylene-d8	40	32.30	81		10	130
			4-Nitrophenol-d4	40	32.70	82		10	150
			Fluorene-d10	40	32.68	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.35	83		10	130
			Anthracene-d10	40	33.20	83		25	130
			Pyrene-d10	40	32.85	82		15	130
			Benzo(a)pyrene-d12	40	33.44	84		20	130

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Surrogate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4360-03	A4EB6	BM048110.D	1,4-Dioxane-d8	8	5.86	73		15	120
			Pyridine-d5	40	8.06	20		20	120
			Phenol-d5	40	9.81	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.16	95		25	120
			2-Chlorophenol-d4	40	32.36	81		20	130
			4-Methylphenol-d8	40	22.69	57		25	125
			Nitrobenzene-d5	40	36.89	92		20	125
			2-Nitrophenol-d4	40	37.24	93		20	130
			2,4-Dichlorophenol-d3	40	34.19	85		20	120
			4-Chloroaniline-d4	40	9.51	24		1	146
			Dimethylphthalate-d6	40	37.91	95		25	130
			Acenaphthylene-d8	40	37.30	93		10	130
			4-Nitrophenol-d4	40	7.59	19		10	150
			Fluorene-d10	40	38.01	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.94	87		10	130
			Anthracene-d10	40	40.85	102		25	130
			Pyrene-d10	40	38.93	97		15	130
			Benzo(a)pyrene-d12	40	40.41	101		20	130
PB164148BL	PB164148BL	BM048109.D	Pyridine-d5	40	31.00	77		20	120
			1,4-Dioxane-d8	8	6.52	82		15	120
			Phenol-d5	40	30.95	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.72	79		25	120
			2-Chlorophenol-d4	40	31.25	78		20	130
			4-Methylphenol-d8	40	31.29	78		25	125
			Nitrobenzene-d5	40	31.91	80		20	125
			2-Nitrophenol-d4	40	31.55	79		20	130
			2,4-Dichlorophenol-d3	40	29.01	73		20	120
			4-Chloroaniline-d4	40	32.43	81		1	146
			Dimethylphthalate-d6	40	31.79	79		25	130
			Acenaphthylene-d8	40	31.58	79		10	130
			4-Nitrophenol-d4	40	23.97	60		10	150
			Fluorene-d10	40	31.93	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.98	65		10	130
			Anthracene-d10	40	32.83	82		25	130
			Pyrene-d10	40	30.96	77		15	130
			Benzo(a)pyrene-d12	40	32.54	81		20	130
PB164148BS	PB164148BS	BM048111.D	1,4-Dioxane-d8	8	6.80	85		15	120
			Pyridine-d5	40	33.45	84		20	120
			Phenol-d5	40	34.89	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.19	88		25	120
			2-Chlorophenol-d4	40	34.86	87		20	130
			4-Methylphenol-d8	40	35.10	88		25	125
			Nitrobenzene-d5	40	35.38	88		20	125
			2-Nitrophenol-d4	40	35.78	89		20	130
			2,4-Dichlorophenol-d3	40	35.36	88		20	120
			4-Chloroaniline-d4	40	34.80	87		1	146
			Dimethylphthalate-d6	40	35.71	89		25	130
			Acenaphthylene-d8	40	35.14	88		10	130
			4-Nitrophenol-d4	40	36.39	91		10	150

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Surrogate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164148BS	PB164148BS	BM048111.D	Fluorene-d10	40	35.19	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.56	91		10	130
			Anthracene-d10	40	36.09	90		25	130
			Pyrene-d10	40	35.50	89		15	130
			Benzo(a)pyrene-d12	40	35.87	90		20	130

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Surrogate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4389-01	E27H0	BM048119.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Pyridine-d5	40	9.96	25		20	120
			Phenol-d5	40	9.31	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.20	83		25	120
			2-Chlorophenol-d4	40	30.59	76		20	130
			4-Methylphenol-d8	40	21.67	54		25	125
			Nitrobenzene-d5	40	33.72	84		20	125
			2-Nitrophenol-d4	40	34.03	85		20	130
			2,4-Dichlorophenol-d3	40	32.62	82		20	120
			4-Chloroaniline-d4	40	21.79	54		1	146
			Dimethylphthalate-d6	40	34.98	87		25	130
			Acenaphthylene-d8	40	35.00	88		10	130
			4-Nitrophenol-d4	40	6.72	17		10	150
			Fluorene-d10	40	35.31	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.44	79		10	130
			Anthracene-d10	40	35.16	88		25	130
			Pyrene-d10	40	35.77	89		15	130
			Benzo(a)pyrene-d12	40	34.99	87		20	130
P4389-02	E27H1	BM048120.D	1,4-Dioxane-d8	8	5.48	69		15	120
			Pyridine-d5	40	9.03	23		20	120
			Phenol-d5	40	12.78	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.33	93		25	120
			2-Chlorophenol-d4	40	35.92	90		20	130
			4-Methylphenol-d8	40	27.62	69		25	125
			Nitrobenzene-d5	40	37.65	94		20	125
			2-Nitrophenol-d4	40	39.57	99		20	130
			2,4-Dichlorophenol-d3	40	37.72	94		20	120
			4-Chloroaniline-d4	40	28.27	71		1	146
			Dimethylphthalate-d6	40	38.18	95		25	130
			Acenaphthylene-d8	40	39.27	98		10	130
			4-Nitrophenol-d4	40	11.90	30		10	150
			Fluorene-d10	40	39.97	100		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.68	97		10	130
			Anthracene-d10	40	40.67	102		25	130
			Pyrene-d10	40	40.33	101		15	130
			Benzo(a)pyrene-d12	40	40.81	102		20	130
P4389-03	E27J4	BM048121.D	1,4-Dioxane-d8	8	5.53	69		15	120
			Pyridine-d5	40	7.47	19	*	20	120
			Phenol-d5	40	9.66	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.90	92		25	120
			2-Chlorophenol-d4	40	33.42	84		20	130
			4-Methylphenol-d8	40	23.03	58		25	125
			Nitrobenzene-d5	40	36.88	92		20	125
			2-Nitrophenol-d4	40	37.90	95		20	130
			2,4-Dichlorophenol-d3	40	34.73	87		20	120
			4-Chloroaniline-d4	40	28.57	71		1	146
			Dimethylphthalate-d6	40	37.48	94		25	130
			Acenaphthylene-d8	40	37.11	93		10	130
			4-Nitrophenol-d4	40	7.92	20		10	150

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Surrogate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4389-03	E27J4	BM048121.D	Fluorene-d10	40	37.65	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.79	94		10	130
			Anthracene-d10	40	41.16	103		25	130
			Pyrene-d10	40	39.00	97		15	130
			Benzo(a)pyrene-d12	40	40.87	102		20	130
P4389-04	E27J8	BM048122.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Pyridine-d5	40	8.62	22		20	120
			Phenol-d5	40	8.76	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.77	92		25	120
			2-Chlorophenol-d4	40	31.94	80		20	130
			4-Methylphenol-d8	40	20.95	52		25	125
			Nitrobenzene-d5	40	36.79	92		20	125
			2-Nitrophenol-d4	40	37.14	93		20	130
			2,4-Dichlorophenol-d3	40	33.69	84		20	120
			4-Chloroaniline-d4	40	33.07	83		1	146
			Dimethylphthalate-d6	40	37.70	94		25	130
			Acenaphthylene-d8	40	37.41	94		10	130
			4-Nitrophenol-d4	40	5.79	14		10	150
			Fluorene-d10	40	37.76	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.56	86		10	130
			Anthracene-d10	40	38.95	97		25	130
			Pyrene-d10	40	36.83	92		15	130
			Benzo(a)pyrene-d12	40	38.58	96		20	130
PB164163BL	PB164163BL	BM048114.D	1,4-Dioxane-d8	8	6.52	81		15	120
			Pyridine-d5	40	32.36	81		20	120
			Phenol-d5	40	31.95	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.57	81		25	120
			2-Chlorophenol-d4	40	31.93	80		20	130
			4-Methylphenol-d8	40	32.05	80		25	125
			Nitrobenzene-d5	40	31.87	80		20	125
			2-Nitrophenol-d4	40	32.15	80		20	130
			2,4-Dichlorophenol-d3	40	29.52	74		20	120
			4-Chloroaniline-d4	40	32.69	82		1	146
			Dimethylphthalate-d6	40	32.28	81		25	130
			Acenaphthylene-d8	40	31.80	79		10	130
			4-Nitrophenol-d4	40	24.22	61		10	150
			Fluorene-d10	40	32.17	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.09	65		10	130
			Anthracene-d10	40	32.74	82		25	130
			Pyrene-d10	40	31.96	80		15	130
			Benzo(a)pyrene-d12	40	32.75	82		20	130
PB164163BS	PB164163BS	BM048124.D	1,4-Dioxane-d8	8	7.03	88		15	120
			Pyridine-d5	40	35.49	89		20	120
			Phenol-d5	40	36.88	92		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.89	92		25	120
			2-Chlorophenol-d4	40	37.09	93		20	130
			4-Methylphenol-d8	40	37.41	94		25	125
			Nitrobenzene-d5	40	36.85	92		20	125
			2-Nitrophenol-d4	40	37.82	95		20	130

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Surrogate Summary

SW-846

SDG No.: BM101724

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164163BS	PB164163BS	BM048124.D	2,4-Dichlorophenol-d3	40	36.99	92		20	120
			4-Chloroaniline-d4	40	36.75	92		1	146
			Dimethylphthalate-d6	40	37.39	93		25	130
			Acenaphthylene-d8	40	36.75	92		10	130
			4-Nitrophenol-d4	40	37.66	94		10	150
			Fluorene-d10	40	37.08	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.11	95		10	130
			Anthracene-d10	40	37.20	93		25	130
			Pyrene-d10	40	37.49	94		15	130
			Benzo(a)pyrene-d12	40	38.00	95		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM101724

Lab Code: CHEM SAS No.: BM101724 SDG NO.: BM101724

Lab File ID: BM048101.D DFTPP Injection Date: 10/17/2024

Instrument ID: BNA_M DFTPP Injection Time: 10:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.5
68	Less than 2.0% of mass 69	0.4 (1.2) 1
69	Mass 69 relative abundance	30.4
70	Less than 2.0% of mass 69	0.0 (0.1) 1
127	10.0 - 80.0% of mass 198	42.6
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	6.7
275	10.0 - 60.0% of mass 198	25.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	87.4
443	15.0 - 24.0% of mass 442	17.1 (19.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD005027	SSTD00542	BM048102.D	10/17/2024	11:47
SSTD010028	SSTD01043	BM048103.D	10/17/2024	12:27
SSTD020029	SSTD02044	BM048104.D	10/17/2024	13:06
SSTD040030	SSTD04045	BM048105.D	10/17/2024	13:45
SSTD080031	SSTD08046	BM048106.D	10/17/2024	14:24
SSTD160032	SSTD16047	BM048107.D	10/17/2024	15:04
SICV033	SSTDICV020	BM048108.D	10/17/2024	15:47
SBLK148	PB164148BL	BM048109.D	10/17/2024	16:27
A4EB6	P4360-03	BM048110.D	10/17/2024	17:06
SLCS148	PB164148BS	BM048111.D	10/17/2024	17:46
SSTD020185	SSTDCCC020	BM048112.D	10/17/2024	19:04
SBLK043	PB164043BL	BM048113.D	10/17/2024	19:44
SBLK163	PB164163BL	BM048114.D	10/17/2024	20:23
E27H6	P4380-05	BM048115.D	10/17/2024	21:03
E27H9	P4380-07	BM048116.D	10/17/2024	21:42
E27J0	P4380-08	BM048117.D	10/17/2024	22:22
E27H7	P4380-06	BM048118.D	10/17/2024	23:01
E27H0	P4389-01	BM048119.D	10/17/2024	23:40

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM101724

Lab Code: CHEM SAS No.: BM101724 SDG NO.: BM101724

Lab File ID: BM048101.D DFTPP Injection Date: 10/17/2024

Instrument ID: BNA_M DFTPP Injection Time: 10:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.5
68	Less than 2.0% of mass 69	0.4 (1.2) 1
69	Mass 69 relative abundance	30.4
70	Less than 2.0% of mass 69	0.0 (0.1) 1
127	10.0 - 80.0% of mass 198	42.6
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	6.7
275	10.0 - 60.0% of mass 198	25.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	87.4
443	15.0 - 24.0% of mass 442	17.1 (19.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
E27H1	P4389-02	BM048120.D	10/18/2024	00:20
E27J4	P4389-03	BM048121.D	10/18/2024	00:59
E27J8	P4389-04	BM048122.D	10/18/2024	01:39
E27H5	P4380-04	BM048123.D	10/18/2024	02:18
SLCS163	PB164163BS	BM048124.D	10/18/2024	02:57
SLCS043	PB164043BS	BM048125.D	10/18/2024	03:37
SSTD020186	SSTDCCC020EC	BM048126.D	10/18/2024	04:56