CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/20/2024 1: 13:41

Lab File ID: BM044681.D Init. Calib. Date(s):

EPA Sample No.: SSTD020078 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.610	0.601	0.010	-1.6213	40.0
Benzaldehyde	0.896	1.043	0.010	16.4218	40.0
Pyridine	1.800	1.647	0.010	-8.5241	40.0
Phenol	2.099	1.903	0.080	-9.3405	20.0
Bis(2-Chloroethyl)ether	1.723	1.569	0.100	-8.9205	20.0
2-Chlorophenol	1.559	1.469	0.200	-5.7398	20.0
2-Methylphenol	1.593	1.377	0.010	-13.5535	20.0
2,2-oxybis(1-Chloropropane)	2.276	2.293	0.010	0.7422	40.0
Acetophenone	2.505	2.242	0.060	-10.4995	20.0
4-Methylphenol	1.734	1.498	0.010	-13.5952	20.0
N-Nitroso-di-n-propylamine	1.294	1.166	0.050	-9.887	30.0
Hexachloroethane	0.638	0.628	0.100	-1.5886	20.0
Nitrobenzene	0.399	0.423	0.050	5.9958	25.0
Isophorone	0.815	0.790	0.050	-3.0818	25.0
2-Nitrophenol	0.198	0.199	0.050	0.3996	25.0
2,4-Dimethylphenol	0.360	0.368	0.050	2.045	25.0
Bis(2-Chloroethoxy)methane	0.512	0.500	0.050	-2.4438	20.0
2,4-Dichlorophenol	0.308	0.322	0.060	4.254	20.0
Naphthalene	1.133	1.178	0.200	3.9608	20.0
4-Chloroaniline	0.495	0.472	0.010	-4.5931	40.0
Hexachlorobutadiene	0.173	0.193	0.040	11.8983	30.0
Caprolactam	0.120	0.095	0.010	-20.9045	40.0
4-Chloro-3-methylphenol	0.358	0.338	0.040	-5.4365	25.0
1-Methylnaphthalene	0.743	0.732	0.100	-1.4318	20.0
2-Methylnaphthalene	0.753	0.755	0.100	0.1772	20.0
Hexachlorocyclopentadiene	0.378	0.393	0.010	4.1436	40.0
2,4,6-Trichlorophenol	0.399	0.392	0.090	-1.7551	25.0
2,4,5-Trichlorophenol	0.427	0.423	0.100	-1.04	25.0
1,1-Biphenyl	1.588	1.620	0.200	2.0174	20.0
2-Chloronaphthalene	1.246	1.265	0.300	1.4724	20.0
2-Nitroaniline	0.391	0.378	0.050	-3.4528	40.0
Dimethylphthalate	1.596	1.514	0.300	-5.1748	20.0
2,6-Dinitrotoluene	0.319	0.292	0.080	-8.3914	30.0
Acenaphthylene	2.091	2.107	0.400	0.767	20.0
3-Nitroaniline	0.344	0.314	0.010	-8.7357	40.0
Acenaphthene	1.375	1.382	0.200	0.5193	20.0
2,4-Dinitrophenol	0.204	0.147	0.010	-28.1008	40.0
4-Nitrophenol	0.228	0.204	0.010	-10.5041	40.0
Dibenzofuran	1.829	1.851	0.300	1.2411	20.0
2,4-Dinitrotoluene	0.460	0.420	0.070	-8.81	30.0
Diethylphthalate	1.657	1.512	0.300	-8.7368	20.0

CHEMTECH

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/20/2024 1: 13:41

Lab File ID: BM044681.D Init. Calib. Date(s):

EPA Sample No.: SSTD020078 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.496	1.524	0.200	1.9172	20.0
4-Chlorophenyl-phenylether	0.694	0.725	0.100	4.378	20.0
4-Nitroaniline	0.329	0.311	0.010	-5.4709	40.0
4,6-Dinitro-2-methylphenol	0.139	0.133	0.010	-4.3766	40.0
N-Nitrosodiphenylamine	0.602	0.649	0.050	7.6842	20.0
1,2,4,5-Tetrachlorobenzene	0.569	0.610	0.100	7.2094	20.0
4-Bromophenyl-phenylether	0.200	0.221	0.070	10.4976	20.0
Hexachlorobenzene	0.228	0.252	0.050	10.5897	25.0
Atrazine	0.197	0.203	0.010	3.1246	25.0
Pentachlorophenol	0.150	0.141	0.010	-6.1601	40.0
Phenanthrene	1.135	1.190	0.200	4.8823	20.0
Pentachlorobenzene	0.258	0.301	0.050	16.5382	20.0
Anthracene	1.147	1.212	0.200	5.6396	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.315	0.050	17.8954	20.0
Carbazole	1.078	1.088	0.050	0.9502	40.0
Di-n-butylphthalate	1.450	1.335	0.500	-7.9303	25.0
Fluoranthene	1.461	1.435	0.400	-1.757	25.0
Pyrene	1.521	1.533	0.400	0.7927	25.0
Butylbenzylphthalate	0.748	0.612	0.100	-18.1487	40.0
3,3-Dichlorobenzidine	0.433	0.436	0.010	0.8713	40.0
Benzo(a)anthracene	1.502	1.480	0.300	-1.4581	30.0
Chrysene	1.391	1.373	0.200	-1.2411	30.0
Bis(2-ethylhexyl)phthalate	1.090	0.947	0.200	-13.153	40.0
Di-n-octyl phthalate	1.790	1.380	0.010	-22.9065	40.0
Benzo(b)fluoranthene	1.338	1.276	0.200	-4.675	25.0
Benzo(k)fluoranthene	1.311	1.309	0.200	-0.1153	25.0
Benzo(a)pyrene	1.252	1.244	0.200	-0.6018	20.0
Indeno(1,2,3-cd)pyrene	1.404	1.598	0.200	13.8196	25.0
Dibenzo(a,h)anthracene	1.171	1.338	0.200	14.2963	30.0
Benzo(g,h,i)perylene	1.121	1.273	0.200	13.5831	30.0
2,3,4,6-Tetrachlorophenol	0.354	0.339	0.040	-4.2378	20.0
1,4-Dioxane-d8	0.590	0.591	0.010	0.1589	25.0
Pyridine-d5	1.736	1.585	0.010	-8.6657	40.0
Phenol-d5	2.056	1.840	0.010	-10.5289	25.0
Bis-(2-Chloroethyl)ether-d8	1.270	1.198	0.050	-5.6465	25.0
2-Chlorophenol-d4	1.511	1.452	0.200	-3.9266	20.0
4-Methylphenol-d8	1.615	1.368	0.010	-15.2908	20.0
Nitrobenzene-d5	0.168	0.173	0.050	2.6095	20.0
2-Nitrophenol-d4	0.182	0.181	0.050	-0.2539	30.0
2,4-Dichlorophenol-d3	0.309	0.321	0.060	3.7405	20.0
4-Chloroaniline-d4	0.513	0.487	0.010	-5.1639	40.0

CHEMTECH

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/20/2024 1: 13:41

Lab File ID: BM044681.D Init. Calib. Date(s):

EPA Sample No.: SSTD020078 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.569	1.475	0.300	-5.9608	20.0
Acenaphthylene-d8	1.794	1.746	0.400	-2.671	20.0
4-Nitrophenol-d4	0.325	0.279	0.010	-14.1316	40.0
Fluorene-d10	1.318	1.282	0.100	-2.7965	20.0
4,6-Dinitro-2-methylphenol-d2	0.130	0.123	0.010	-5.52	40.0
Anthracene-d10	0.956	0.990	0.300	3.6059	20.0
Pyrene-d10	1.227	1.201	0.300	-2.072	25.0
Benzo(a)pyrene-d12	1.051	1.056	0.010	0.4646	20.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/21/2024 1: 10:13

Lab File ID: BM044693.D Init. Calib. Date(s):

EPA Sample No.: SSTD020080 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.610	0.591	0.010	-3.238	40.0
Benzaldehyde	0.896	1.070	0.010	19.4959	40.0
Pyridine	1.800	1.620	0.010	-10.0308	40.0
Phenol	2.099	1.910	0.080	-8.9937	20.0
Bis(2-Chloroethyl)ether	1.723	1.602	0.100	-7.0413	20.0
2-Chlorophenol	1.559	1.508	0.200	-3.2581	20.0
2-Methylphenol	1.593	1.408	0.010	-11.6069	20.0
2,2-oxybis(1-Chloropropane)	2.276	2.344	0.010	2.9839	40.0
Acetophenone	2.505	2.285	0.060	-8.7542	20.0
4-Methylphenol	1.734	1.511	0.010	-12.8536	20.0
N-Nitroso-di-n-propylamine	1.294	1.207	0.050	-6.7536	30.0
Hexachloroethane	0.638	0.647	0.100	1.3506	20.0
Nitrobenzene	0.399	0.427	0.050	6.8983	25.0
Isophorone	0.815	0.785	0.050	-3.6968	25.0
2-Nitrophenol	0.198	0.197	0.050	-0.648	25.0
2,4-Dimethylphenol	0.360	0.359	0.050	-0.2447	25.0
Bis(2-Chloroethoxy)methane	0.512	0.503	0.050	-1.7632	20.0
2,4-Dichlorophenol	0.308	0.319	0.060	3.4409	20.0
Naphthalene	1.133	1.156	0.200	2.0502	20.0
4-Chloroaniline	0.495	0.464	0.010	-6.224	40.0
Hexachlorobutadiene	0.173	0.195	0.040	12.6632	30.0
Caprolactam	0.120	0.087	0.010	-27.3064	40.0
4-Chloro-3-methylphenol	0.358	0.330	0.040	-7.6648	25.0
1-Methylnaphthalene	0.743	0.730	0.100	-1.8268	20.0
2-Methylnaphthalene	0.753	0.742	0.100	-1.4387	20.0
Hexachlorocyclopentadiene	0.378	0.398	0.010	5.4506	40.0
2,4,6-Trichlorophenol	0.399	0.400	0.090	0.2783	25.0
2,4,5-Trichlorophenol	0.427	0.428	0.100	0.1097	25.0
1,1-Biphenyl	1.588	1.633	0.200	2.8137	20.0
2-Chloronaphthalene	1.246	1.276	0.300	2.3856	20.0
2-Nitroaniline	0.391	0.370	0.050	-5.3425	40.0
Dimethylphthalate	1.596	1.513	0.300	-5.2559	20.0
2,6-Dinitrotoluene	0.319	0.292	0.080	-8.2794	30.0
Acenaphthylene	2.091	2.122	0.400	1.4931	20.0
3-Nitroaniline	0.344	0.303	0.010	-12.1042	40.0
Acenaphthene	1.375	1.387	0.200	0.8609	20.0
2,4-Dinitrophenol	0.204	0.139	0.010	-31.6335	40.0
4-Nitrophenol	0.228	0.194	0.010	-14.9172	40.0
Dibenzofuran	1.829	1.845	0.300	0.8802	20.0
2,4-Dinitrotoluene	0.460	0.416	0.070	-9.6416	30.0
Diethylphthalate	1.657	1.534	0.300	-7.4348	20.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/21/2024 1: 10:13

Lab File ID: BM044693.D Init. Calib. Date(s):

EPA Sample No.: SSTD020080 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.496	1.512	0.200	1.0663	20.0
4-Chlorophenyl-phenylether	0.694	0.731	0.100	5.3486	20.0
4-Nitroaniline	0.329	0.289	0.010	-12.2014	40.0
4,6-Dinitro-2-methylphenol	0.139	0.129	0.010	-7.0663	40.0
N-Nitrosodiphenylamine	0.602	0.639	0.050	6.0501	20.0
1,2,4,5-Tetrachlorobenzene	0.569	0.618	0.100	8.6752	20.0
4-Bromophenyl-phenylether	0.200	0.221	0.070	10.5862	20.0
Hexachlorobenzene	0.228	0.253	0.050	11.1297	25.0
Atrazine	0.197	0.202	0.010	2.405	25.0
Pentachlorophenol	0.150	0.145	0.010	-3.5633	40.0
Phenanthrene	1.135	1.178	0.200	3.8558	20.0
Pentachlorobenzene	0.258	0.309	0.050	19.7129	20.0
Anthracene	1.147	1.189	0.200	3.6163	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.318	0.050	19.1694	20.0
Carbazole	1.078	1.048	0.050	-2.7902	40.0
Di-n-butylphthalate	1.450	1.343	0.500	-7.4251	25.0
Fluoranthene	1.461	1.531	0.400	4.8175	25.0
Pyrene	1.521	1.611	0.400	5.9014	25.0
Butylbenzylphthalate	0.748	0.659	0.100	-11.9062	40.0
3,3-Dichlorobenzidine	0.433	0.433	0.010	0.1398	40.0
Benzo(a)anthracene	1.502	1.516	0.300	0.9204	30.0
Chrysene	1.391	1.371	0.200	-1.4132	30.0
Bis(2-ethylhexyl)phthalate	1.090	1.017	0.200	-6.6846	40.0
Di-n-octyl phthalate	1.790	1.481	0.010	-17.2531	40.0
Benzo(b)fluoranthene	1.338	1.290	0.200	-3.6282	25.0
Benzo(k)fluoranthene	1.311	1.313	0.200	0.2111	25.0
Benzo(a)pyrene	1.252	1.254	0.200	0.1722	20.0
Indeno(1,2,3-cd)pyrene	1.404	1.571	0.200	11.8979	25.0
Dibenzo(a,h)anthracene	1.171	1.329	0.200	13.5335	30.0
Benzo(g,h,i)perylene	1.121	1.264	0.200	12.8279	30.0
2,3,4,6-Tetrachlorophenol	0.354	0.339	0.040	-4.1383	20.0
1,4-Dioxane-d8	0.590	0.551	0.010	-6.4836	25.0
Pyridine-d5	1.736	1.541	0.010	-11.1912	40.0
Phenol-d5	2.056	1.851	0.010	-9.9594	25.0
Bis-(2-Chloroethyl)ether-d8	1.270	1.230	0.050	-3.1545	25.0
2-Chlorophenol-d4	1.511	1.461	0.200	-3.3264	20.0
4-Methylphenol-d8	1.615	1.407	0.010	-12.8896	20.0
Nitrobenzene-d5	0.168	0.172	0.050	1.8372	20.0
2-Nitrophenol-d4	0.182	0.181	0.050	-0.038	30.0
2,4-Dichlorophenol-d3	0.309	0.320	0.060	3.5206	20.0
4-Chloroaniline-d4	0.513	0.476	0.010	-7.3272	40.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/21/2024 1: 10:13

Lab File ID: BM044693.D Init. Calib. Date(s):

EPA Sample No.: SSTD020080 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.569	1.498	0.300	-4.5215	20.0
Acenaphthylene-d8	1.794	1.762	0.400	-1.7766	20.0
4-Nitrophenol-d4	0.325	0.254	0.010	-21.8758	40.0
Fluorene-d10	1.318	1.270	0.100	-3.6939	20.0
4,6-Dinitro-2-methylphenol-d2	0.130	0.118	0.010	-9.2292	40.0
Anthracene-d10	0.956	0.987	0.300	3.2638	20.0
Pyrene-d10	1.227	1.261	0.300	2.8361	25.0
Benzo(a)pyrene-d12	1.051	1.055	0.010	0.3145	20.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/21/2024 1: 15:19

Lab File ID: BM044701.D Init. Calib. Date(s):

EPA Sample No.: SSTD020081 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.610	0.595	0.010	-2.5462	40.0
Benzaldehyde	0.896	1.088	0.010	21.4551	40.0
Pyridine	1.800	1.610	0.010	-10.5728	40.0
Phenol	2.099	1.914	0.080	-8.7817	20.0
Bis(2-Chloroethyl)ether	1.723	1.586	0.100	-7.9894	20.0
2-Chlorophenol	1.559	1.517	0.200	-2.6891	20.0
2-Methylphenol	1.593	1.422	0.010	-10.6973	20.0
2,2-oxybis(1-Chloropropane)	2.276	2.377	0.010	4.4615	40.0
Acetophenone	2.505	2.294	0.060	-8.3868	20.0
4-Methylphenol	1.734	1.532	0.010	-11.6032	20.0
N-Nitroso-di-n-propylamine	1.294	1.218	0.050	-5.8786	30.0
Hexachloroethane	0.638	0.641	0.100	0.37	20.0
Nitrobenzene	0.399	0.432	0.050	8.0984	25.0
Isophorone	0.815	0.811	0.050	-0.4591	25.0
2-Nitrophenol	0.198	0.204	0.050	3.2804	25.0
2,4-Dimethylphenol	0.360	0.371	0.050	3.0166	25.0
Bis(2-Chloroethoxy)methane	0.512	0.514	0.050	0.2921	20.0
2,4-Dichlorophenol	0.308	0.327	0.060	5.9984	20.0
Naphthalene	1.133	1.170	0.200	3.317	20.0
4-Chloroaniline	0.495	0.472	0.010	-4.5424	40.0
Hexachlorobutadiene	0.173	0.196	0.040	13.3914	30.0
Caprolactam	0.120	0.092	0.010	-23.1688	40.0
4-Chloro-3-methylphenol	0.358	0.339	0.040	-5.1479	25.0
1-Methylnaphthalene	0.743	0.743	0.100	-0.0656	20.0
2-Methylnaphthalene	0.753	0.755	0.100	0.1946	20.0
Hexachlorocyclopentadiene	0.378	0.416	0.010	10.0781	40.0
2,4,6-Trichlorophenol	0.399	0.413	0.090	3.513	25.0
2,4,5-Trichlorophenol	0.427	0.434	0.100	1.5669	25.0
1,1-Biphenyl	1.588	1.652	0.200	4.0354	20.0
2-Chloronaphthalene	1.246	1.288	0.300	3.3856	20.0
2-Nitroaniline	0.391	0.391	0.050	0.0369	40.0
Dimethylphthalate	1.596	1.525	0.300	-4.4762	20.0
2,6-Dinitrotoluene	0.319	0.293	0.080	-8.1121	30.0
Acenaphthylene	2.091	2.122	0.400	1.4779	20.0
3-Nitroaniline	0.344	0.317	0.010	-7.961	40.0
Acenaphthene	1.375	1.392	0.200	1.2423	20.0
2,4-Dinitrophenol	0.204	0.154	0.010	-24.316	40.0
4-Nitrophenol	0.228	0.199	0.010	-12.7155	40.0
Dibenzofuran	1.829	1.830	0.300	0.0572	20.0
2,4-Dinitrotoluene	0.460	0.413	0.070	-10.2152	30.0
Diethylphthalate	1.657	1.499	0.300	-9.5057	20.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/21/2024 1: 15:19

Lab File ID: BM044701.D Init. Calib. Date(s):

EPA Sample No.: SSTD020081 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.496	1.505	0.200	0.6373	20.0
4-Chlorophenyl-phenylether	0.694	0.716	0.100	3.2003	20.0
4-Nitroaniline	0.329	0.302	0.010	-8.2228	40.0
4,6-Dinitro-2-methylphenol	0.139	0.133	0.010	-3.9084	40.0
N-Nitrosodiphenylamine	0.602	0.653	0.050	8.3592	20.0
1,2,4,5-Tetrachlorobenzene	0.569	0.628	0.100	10.2962	20.0
4-Bromophenyl-phenylether	0.200	0.222	0.070	10.98	20.0
Hexachlorobenzene	0.228	0.255	0.050	11.877	25.0
Atrazine	0.197	0.204	0.010	3.5187	25.0
Pentachlorophenol	0.150	0.148	0.010	-1.4428	40.0
Phenanthrene	1.135	1.166	0.200	2.78	20.0
Pentachlorobenzene	0.258	0.309	0.050	19.7495	20.0
Anthracene	1.147	1.198	0.200	4.3805	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.329	0.050	23.0093	20.0
Carbazole	1.078	1.065	0.050	-1.2054	40.0
Di-n-butylphthalate	1.450	1.343	0.500	-7.4322	25.0
Fluoranthene	1.461	1.472	0.400	0.7578	25.0
Pyrene	1.521	1.534	0.400	0.8853	25.0
Butylbenzylphthalate	0.748	0.648	0.100	-13.3093	40.0
3,3-Dichlorobenzidine	0.433	0.449	0.010	3.7591	40.0
Benzo(a)anthracene	1.502	1.489	0.300	-0.8871	30.0
Chrysene	1.391	1.385	0.200	-0.3635	30.0
Bis(2-ethylhexyl)phthalate	1.090	1.024	0.200	-6.0724	40.0
Di-n-octyl phthalate	1.790	1.489	0.010	-16.7891	40.0
Benzo(b)fluoranthene	1.338	1.321	0.200	-1.3075	25.0
Benzo(k)fluoranthene	1.311	1.274	0.200	-2.836	25.0
Benzo(a)pyrene	1.252	1.247	0.200	-0.3631	20.0
Indeno(1,2,3-cd)pyrene	1.404	1.568	0.200	11.7053	25.0
Dibenzo(a,h)anthracene	1.171	1.325	0.200	13.1429	30.0
Benzo(g,h,i)perylene	1.121	1.249	0.200	11.4724	30.0
2,3,4,6-Tetrachlorophenol	0.354	0.344	0.040	-2.8799	20.0
Pyridine-d5	1.736	1.535	0.010	-11.5842	40.0
1,4-Dioxane-d8	0.590	0.549	0.010	-6.9326	25.0
Phenol-d5	2.056	1.894	0.010	-7.8681	25.0
Bis-(2-Chloroethyl)ether-d8	1.270	1.224	0.050	-3.666	25.0
2-Chlorophenol-d4	1.511	1.467	0.200	-2.8828	20.0
4-Methylphenol-d8	1.615	1.426	0.010	-11.6755	20.0
Nitrobenzene-d5	0.168	0.178	0.050	5.4712	20.0
2-Nitrophenol-d4	0.182	0.190	0.050	4.8071	30.0
2,4-Dichlorophenol-d3	0.309	0.327	0.060	5.915	20.0
4-Chloroaniline-d4	0.513	0.487	0.010	-5.1216	40.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/21/2024 1: 15:19

Lab File ID: BM044701.D Init. Calib. Date(s):

EPA Sample No.: SSTD020081 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.569	1.502	0.300	-4.2733	20.0
Acenaphthylene-d8	1.794	1.781	0.400	-0.7642	20.0
4-Nitrophenol-d4	0.325	0.265	0.010	-18.4652	40.0
Fluorene-d10	1.318	1.271	0.100	-3.6262	20.0
4,6-Dinitro-2-methylphenol-d2	0.130	0.123	0.010	-5.2173	40.0
Anthracene-d10	0.956	0.980	0.300	2.5256	20.0
Pyrene-d10	1.227	1.223	0.300	-0.2624	25.0
Benzo(a)pyrene-d12	1.051	1.057	0.010	0.5834	20.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/20/2024 1: 20:22

Lab File ID: BM044691.D Init. Calib. Date(s):

EPA Sample No.: SSTD020079 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.610	0.589	0.010	-3.5778	50.0
Benzaldehyde	0.896	1.074	0.010	19.8739	50.0
Pyridine	1.800	1.636	0.010	-9.0906	50.0
Phenol	2.099	1.905	0.080	-9.2388	50.0
Bis(2-Chloroethyl)ether	1.723	1.573	0.100	-8.7077	50.0
2-Chlorophenol	1.559	1.504	0.200	-3.5096	50.0
2-Methylphenol	1.593	1.397	0.010	-12.2949	50.0
2,2-oxybis(1-Chloropropane)	2.276	2.324	0.010	2.1167	50.0
Acetophenone	2.505	2.250	0.060	-10.167	50.0
4-Methylphenol	1.734	1.502	0.010	-13.335	50.0
N-Nitroso-di-n-propylamine	1.294	1.173	0.050	-9.3697	50.0
Hexachloroethane	0.638	0.638	0.100	0.0048	50.0
Nitrobenzene	0.399	0.429	0.050	7.4159	50.0
Isophorone	0.815	0.795	0.050	-2.4094	50.0
2-Nitrophenol	0.198	0.198	0.050	0.252	50.0
2,4-Dimethylphenol	0.360	0.357	0.050	-0.849	50.0
Bis(2-Chloroethoxy)methane	0.512	0.506	0.050	-1.3001	50.0
2,4-Dichlorophenol	0.308	0.321	0.060	4.1041	50.0
Naphthalene	1.133	1.159	0.200	2.2736	50.0
4-Chloroaniline	0.495	0.465	0.010	-5.9712	50.0
Hexachlorobutadiene	0.173	0.196	0.040	13.4841	50.0
Caprolactam	0.120	0.092	0.010	-23.096	50.0
4-Chloro-3-methylphenol	0.358	0.334	0.040	-6.6014	50.0
1-Methylnaphthalene	0.743	0.725	0.100	-2.4912	50.0
2-Methylnaphthalene	0.753	0.737	0.100	-2.1334	50.0
Hexachlorocyclopentadiene	0.378	0.398	0.010	5.4606	50.0
2,4,6-Trichlorophenol	0.399	0.402	0.090	0.8908	50.0
2,4,5-Trichlorophenol	0.427	0.428	0.100	0.0803	50.0
1,1-Biphenyl	1.588	1.622	0.200	2.1191	50.0
2-Chloronaphthalene	1.246	1.271	0.300	1.991	50.0
2-Nitroaniline	0.391	0.387	0.050	-0.9683	50.0
Dimethylphthalate	1.596	1.505	0.300	-5.7061	50.0
2,6-Dinitrotoluene	0.319	0.296	0.080	-7.0944	50.0
Acenaphthylene	2.091	2.113	0.400	1.0508	50.0
3-Nitroaniline	0.344	0.313	0.010	-9.1872	50.0
Acenaphthene	1.375	1.381	0.200	0.4553	50.0
2,4-Dinitrophenol	0.204	0.143	0.010	-29.7501	50.0
4-Nitrophenol	0.228	0.210	0.010	-7.9136	50.0
Dibenzofuran	1.829	1.830	0.300	0.0787	50.0
2,4-Dinitrotoluene	0.460	0.416	0.070	-9.7316	50.0
Diethylphthalate	1.657	1.536	0.300	-7.2723	50.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/20/2024 1: 20:22

Lab File ID: BM044691.D Init. Calib. Date(s):

EPA Sample No.: SSTD020079 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.496	1.500	0.200	0.3003	50.0
4-Chlorophenyl-phenylether	0.694	0.716	0.100	3.1377	50.0
4-Nitroaniline	0.329	0.312	0.010	-5.1876	50.0
4,6-Dinitro-2-methylphenol	0.139	0.131	0.010	-5.7639	50.0
N-Nitrosodiphenylamine	0.602	0.642	0.050	6.4976	50.0
1,2,4,5-Tetrachlorobenzene	0.569	0.615	0.100	8.103	50.0
4-Bromophenyl-phenylether	0.200	0.221	0.070	10.7143	50.0
Hexachlorobenzene	0.228	0.253	0.050	11.253	50.0
Atrazine	0.197	0.206	0.010	4.6075	50.0
Pentachlorophenol	0.150	0.144	0.010	-4.5283	50.0
Phenanthrene	1.135	1.171	0.200	3.1949	50.0
Pentachlorobenzene	0.258	0.307	0.050	19.015	50.0
Anthracene	1.147	1.198	0.200	4.4081	50.0
1,2,3,4-Tetrachlorobenzene	0.267	0.318	0.050	19.2181	50.0
Carbazole	1.078	1.055	0.050	-2.197	50.0
Di-n-butylphthalate	1.450	1.340	0.500	-7.5773	50.0
Fluoranthene	1.461	1.478	0.400	1.1643	50.0
Pyrene	1.521	1.552	0.400	2.0237	50.0
Butylbenzylphthalate	0.748	0.647	0.100	-13.524	50.0
3,3-Dichlorobenzidine	0.433	0.437	0.010	0.9575	50.0
Benzo(a)anthracene	1.502	1.473	0.300	-1.9407	50.0
Chrysene	1.391	1.382	0.200	-0.5966	50.0
Bis(2-ethylhexyl)phthalate	1.090	0.995	0.200	-8.7502	50.0
Di-n-octyl phthalate	1.790	1.456	0.010	-18.6345	50.0
Benzo(b)fluoranthene	1.338	1.287	0.200	-3.8577	50.0
Benzo(k)fluoranthene	1.311	1.272	0.200	-2.9516	50.0
Benzo(a)pyrene	1.252	1.229	0.200	-1.7903	50.0
Indeno(1,2,3-cd)pyrene	1.404	1.570	0.200	11.8368	50.0
Dibenzo(a,h)anthracene	1.171	1.330	0.200	13.6222	50.0
Benzo(g,h,i)perylene	1.121	1.249	0.200	11.4977	50.0
2,3,4,6-Tetrachlorophenol	0.354	0.341	0.040	-3.5527	50.0
1,4-Dioxane-d8	0.590	0.564	0.010	-4.2831	50.0
Pyridine-d5	1.736	1.566	0.010	-9.782	50.0
Phenol-d5	2.056	1.864	0.010	-9.3431	50.0
Bis-(2-Chloroethyl)ether-d8	1.270	1.223	0.050	-3.7077	50.0
2-Chlorophenol-d4	1.511	1.461	0.200	-3.3203	50.0
4-Methylphenol-d8	1.615	1.409	0.010	-12.7574	50.0
Nitrobenzene-d5	0.168	0.175	0.050	3.975	50.0
2-Nitrophenol-d4	0.182	0.186	0.050	2.4778	50.0
2,4-Dichlorophenol-d3	0.309	0.322	0.060	4.2637	50.0
4-Chloroaniline-d4	0.513	0.480	0.010	-6.4376	50.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/20/2024 1: 20:22

Lab File ID: BM044691.D Init. Calib. Date(s):

EPA Sample No.: SSTD020079 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.569	1.501	0.300	-4.3556	50.0
Acenaphthylene-d8	1.794	1.758	0.400	-2.0137	50.0
4-Nitrophenol-d4	0.325	0.274	0.010	-15.7757	50.0
Fluorene-d10	1.318	1.270	0.100	-3.6603	50.0
4,6-Dinitro-2-methylphenol-d2	0.130	0.120	0.010	-7.7099	50.0
Anthracene-d10	0.956	0.983	0.300	2.783	50.0
Pyrene-d10	1.227	1.220	0.300	-0.5517	50.0
Benzo(a)pyrene-d12	1.051	1.046	0.010	-0.5209	50.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/21/2024 1: 22:20

Lab File ID: BM044711.D Init. Calib. Date(s):

EPA Sample No.: SSTD020082 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.610	0.572	0.010	-6.3693	50.0
Benzaldehyde	0.896	1.029	0.010	14.8646	50.0
Pyridine	1.800	1.570	0.010	-12.7665	50.0
Phenol	2.099	1.881	0.080	-10.3875	50.0
Bis(2-Chloroethyl)ether	1.723	1.531	0.100	-11.1788	50.0
2-Chlorophenol	1.559	1.480	0.200	-5.029	50.0
2-Methylphenol	1.593	1.381	0.010	-13.2577	50.0
2,2-oxybis(1-Chloropropane)	2.276	2.215	0.010	-2.682	50.0
Acetophenone	2.505	2.198	0.060	-12.2288	50.0
4-Methylphenol	1.734	1.496	0.010	-13.718	50.0
N-Nitroso-di-n-propylamine	1.294	1.121	0.050	-13.3461	50.0
Hexachloroethane	0.638	0.628	0.100	-1.674	50.0
Nitrobenzene	0.399	0.425	0.050	6.3475	50.0
Isophorone	0.815	0.782	0.050	-4.0568	50.0
2-Nitrophenol	0.198	0.203	0.050	2.791	50.0
2,4-Dimethylphenol	0.360	0.367	0.050	2.0006	50.0
Bis(2-Chloroethoxy)methane	0.512	0.496	0.050	-3.1781	50.0
2,4-Dichlorophenol	0.308	0.326	0.060	5.8123	50.0
Naphthalene	1.133	1.171	0.200	3.4052	50.0
4-Chloroaniline	0.495	0.475	0.010	-3.9645	50.0
Hexachlorobutadiene	0.173	0.196	0.040	13.3585	50.0
Caprolactam	0.120	0.097	0.010	-19.3134	50.0
4-Chloro-3-methylphenol	0.358	0.343	0.040	-4.254	50.0
1-Methylnaphthalene	0.743	0.734	0.100	-1.2006	50.0
2-Methylnaphthalene	0.753	0.747	0.100	-0.8182	50.0
Hexachlorocyclopentadiene	0.378	0.387	0.010	2.5638	50.0
2,4,6-Trichlorophenol	0.399	0.410	0.090	2.6794	50.0
2,4,5-Trichlorophenol	0.427	0.437	0.100	2.2215	50.0
1,1-Biphenyl	1.588	1.626	0.200	2.3723	50.0
2-Chloronaphthalene	1.246	1.280	0.300	2.6838	50.0
2-Nitroaniline	0.391	0.390	0.050	-0.3903	50.0
Dimethylphthalate	1.596	1.528	0.300	-4.3001	50.0
2,6-Dinitrotoluene	0.319	0.308	0.080	-3.3399	50.0
Acenaphthylene	2.091	2.129	0.400	1.7919	50.0
3-Nitroaniline	0.344	0.335	0.010	-2.8676	50.0
Acenaphthene	1.375	1.393	0.200	1.3109	50.0
2,4-Dinitrophenol	0.204	0.151	0.010	-26.0495	50.0
4-Nitrophenol	0.228	0.222	0.010	-2.7137	50.0
Dibenzofuran	1.829	1.853	0.300	1.3402	50.0
2,4-Dinitrotoluene	0.460	0.444	0.070	-3.4498	50.0
Diethylphthalate	1.657	1.572	0.300	-5.1375	50.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/21/2024 1: 22:20

Lab File ID: BM044711.D Init. Calib. Date(s):

EPA Sample No.: SSTD020082 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.496	1.503	0.200	0.51	50.0
4-Chlorophenyl-phenylether	0.694	0.713	0.100	2.7703	50.0
4-Nitroaniline	0.329	0.347	0.010	5.5391	50.0
4,6-Dinitro-2-methylphenol	0.139	0.132	0.010	-4.8082	50.0
N-Nitrosodiphenylamine	0.602	0.635	0.050	5.4217	50.0
1,2,4,5-Tetrachlorobenzene	0.569	0.621	0.100	9.0576	50.0
4-Bromophenyl-phenylether	0.200	0.218	0.070	9.0988	50.0
Hexachlorobenzene	0.228	0.251	0.050	10.068	50.0
Atrazine	0.197	0.212	0.010	7.7158	50.0
Pentachlorophenol	0.150	0.154	0.010	2.2271	50.0
Phenanthrene	1.135	1.181	0.200	4.0657	50.0
Pentachlorobenzene	0.258	0.294	0.050	13.9387	50.0
Anthracene	1.147	1.214	0.200	5.7904	50.0
1,2,3,4-Tetrachlorobenzene	0.267	0.306	0.050	14.3896	50.0
Carbazole	1.078	1.133	0.050	5.0608	50.0
Di-n-butylphthalate	1.450	1.427	0.500	-1.5942	50.0
Fluoranthene	1.461	1.407	0.400	-3.7163	50.0
Pyrene	1.521	1.489	0.400	-2.0941	50.0
Butylbenzylphthalate	0.748	0.660	0.100	-11.7861	50.0
3,3-Dichlorobenzidine	0.433	0.450	0.010	3.9161	50.0
Benzo(a)anthracene	1.502	1.489	0.300	-0.8334	50.0
Chrysene	1.391	1.387	0.200	-0.2539	50.0
Bis(2-ethylhexyl)phthalate	1.090	1.034	0.200	-5.1819	50.0
Di-n-octyl phthalate	1.790	1.553	0.010	-13.2064	50.0
Benzo(b)fluoranthene	1.338	1.316	0.200	-1.6328	50.0
Benzo(k)fluoranthene	1.311	1.279	0.200	-2.4188	50.0
Benzo(a)pyrene	1.252	1.246	0.200	-0.4404	50.0
Indeno(1,2,3-cd)pyrene	1.404	1.562	0.200	11.2218	50.0
Dibenzo(a,h)anthracene	1.171	1.311	0.200	11.9389	50.0
Benzo(g,h,i)perylene	1.121	1.261	0.200	12.5278	50.0
2,3,4,6-Tetrachlorophenol	0.354	0.354	0.040	0.1995	50.0
1,4-Dioxane-d8	0.590	0.553	0.010	-6.1647	50.0
Pyridine-d5	1.736	1.504	0.010	-13.3486	50.0
Phenol-d5	2.056	1.825	0.010	-11.2409	50.0
Bis-(2-Chloroethyl)ether-d8	1.270	1.156	0.050	-9.0225	50.0
2-Chlorophenol-d4	1.511	1.446	0.200	-4.3047	50.0
4-Methylphenol-d8	1.615	1.389	0.010	-13.9826	50.0
Nitrobenzene-d5	0.168	0.175	0.050	4.0244	50.0
2-Nitrophenol-d4	0.182	0.188	0.050	3.7726	50.0
2,4-Dichlorophenol-d3	0.309	0.331	0.060	6.9868	50.0
4-Chloroaniline-d4	0.513	0.489	0.010	-4.7612	50.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG No.: BM032124

Instrument ID: BNA_M Calibration Date/Time: 3/21/2024 1: 22:20

Lab File ID: BM044711.D Init. Calib. Date(s):

EPA Sample No.: SSTD020082 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.569	1.528	0.300	-2.6125	50.0
Acenaphthylene-d8	1.794	1.777	0.400	-0.974	50.0
4-Nitrophenol-d4	0.325	0.290	0.010	-10.8866	50.0
Fluorene-d10	1.318	1.300	0.100	-1.3711	50.0
4,6-Dinitro-2-methylphenol-d2	0.130	0.123	0.010	-5.135	50.0
Anthracene-d10	0.956	1.003	0.300	4.9295	50.0
Pyrene-d10	1.227	1.197	0.300	-2.443	50.0
Benzo(a)pyrene-d12	1.051	1.063	0.010	1.0944	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	SBLK667			SDG No.:	BM032124
Lab Sample ID:	PB159667BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044682.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	SBLK667			SDG No.:	BM032124
Lab Sample ID:	PB159667BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044682.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	SBLK667			SDG No.:	BM032124
Lab Sample ID:	PB159667BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044682.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.38		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	24.741		20-120		62	SPK: -40
4165-62-2	Phenol-d5	23.814		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.542		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.609		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.455		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	27.645		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.271		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.827		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.792		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.788		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.272		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.61		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	27.4		20-140		69	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.886		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	28.878		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	29.728		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.862		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	164847	7.693				
1146-65-2	Naphthalene-d8	635941	10.469				
15067-26-2	Acenaphthene-d10	354322	14.339				
1517-22-2	Phenanthrene-d10	686740	17.092				

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	SBLK667			SDG No.:	BM032124
Lab Sample ID:	PB159667BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044682.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	570334	21.292				
1520-96-3	Perylene-d12	700713	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0764			SDG No.:	BM032124
Lab Sample ID:	P1760-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044683.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	78	ug/Kg
100-52-7	Benzaldehyde	88	U	88	97.1	390	ug/Kg
110-86-1	Pyridine	51	U	51	190	390	ug/Kg
108-95-2	Phenol	41	U	41	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.1	390	ug/Kg
98-86-2	Acetophenone	65	J	45	97.1	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	50	200	ug/Kg
78-59-1	Isophorone	40	U	40	50	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	50	200	ug/Kg
92-52-4	1,1-Biphenyl	56	U	56	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0764			SDG No.:	BM032124
Lab Sample ID:	P1760-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044683.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	49	U	49	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.1	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	97.1	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50	200	ug/Kg
86-73-7	Fluorene	53	U	53	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	50	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.1	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	50	200	ug/Kg
120-12-7	Anthracene	51	U	51	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	50	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.1	200	ug/Kg
129-00-0	Pyrene	52	U	52	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50	200	ug/Kg
218-01-9	Chrysene	53	U	53	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0764			SDG No.:	BM032124
Lab Sample ID:	P1760-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044683.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	40	U	40	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.74		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	7.517	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	17.056		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.977		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.455		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	15.179		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	20.206		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.808		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.082		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.336		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.687		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	19.959		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.779		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	21.1		20-140		53	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.054		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	21.107		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	22.849		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.504		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123114	7.692				
1146-65-2	Naphthalene-d8	466360	10.469				
15067-26-2	Acenaphthene-d10	250311	14.339				
1517-22-2	Phenanthrene-d10	478606	17.092				

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0764			SDG No.:	BM032124
Lab Sample ID:	P1760-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044683.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	413940	21.291				
1520-96-3	Perylene-d12	506544	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			17.998	
1000351-83-9	Nonadecyl heptafluorobutyrate	84	J			21.021	
E966796	Total Alkanes	56	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0765			SDG No.:	BM032124
Lab Sample ID:	P1760-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044684.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.2	73	ug/Kg
100-52-7	Benzaldehyde	82	U	82	90.3	360	ug/Kg
110-86-1	Pyridine	47	U	47	180	360	ug/Kg
108-95-2	Phenol	38	U	38	90.3	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	90.3	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.5	190	ug/Kg
95-48-7	2-Methylphenol	33	U	33	90.3	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	90.3	360	ug/Kg
98-86-2	Acetophenone	46	J	42	90.3	360	ug/Kg
106-44-5	4-Methylphenol	35	U	35	90.3	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	46.5	190	ug/Kg
67-72-1	Hexachloroethane	25	U	25	46.5	190	ug/Kg
98-95-3	Nitrobenzene	39	U	39	46.5	190	ug/Kg
78-59-1	Isophorone	37	U	37	46.5	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	46.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	46.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	42	U	42	46.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	46.5	190	ug/Kg
91-20-3	Naphthalene	37	U	37	46.5	190	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	46.5	360	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	46.5	190	ug/Kg
105-60-2	Caprolactam	130	U	130	90.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	46.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	46.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	86	U	86	90.3	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	46.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	46.5	190	ug/Kg
92-52-4	1,1-Biphenyl	53	U	53	46.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	46.5	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.5	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0765			SDG No.:	BM032124
Lab Sample ID:	P1760-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044684.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	46	U	46	46.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	46.5	190	ug/Kg
208-96-8	Acenaphthylene	47	U	47	46.5	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	90.3	360	ug/Kg
83-32-9	Acenaphthene	45	U	45	46.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	90.3	360	ug/Kg
100-02-7	4-Nitrophenol	45	U	45	90.3	360	ug/Kg
132-64-9	Dibenzofuran	50	U	50	46.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	46.5	190	ug/Kg
84-66-2	Diethylphthalate	66	U	66	46.5	190	ug/Kg
86-73-7	Fluorene	49	U	49	46.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	46.5	190	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	90.3	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	90.3	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	46.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	46.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	46.5	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	46.5	190	ug/Kg
1912-24-9	Atrazine	43	U	43	90.3	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	90.3	360	ug/Kg
85-01-8	Phenanthrene	48	U	48	46.5	190	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	46.5	190	ug/Kg
120-12-7	Anthracene	47	U	47	46.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	36	U	36	46.5	190	ug/Kg
86-74-8	Carbazole	49	U	49	90.3	360	ug/Kg
84-74-2	Di-n-butylphthalate	46	U	46	46.5	190	ug/Kg
206-44-0	Fluoranthene	48	U	48	90.3	190	ug/Kg
129-00-0	Pyrene	48	U	48	46.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	35	U	35	46.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	90.3	360	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	46.5	190	ug/Kg
218-01-9	Chrysene	49	U	49	46.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	46.5	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0765			SDG No.:	BM032124
Lab Sample ID:	P1760-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044684.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	37	U	37	90.3	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	46.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	46.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	46	U	46	46.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	46.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	46.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	46.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.326		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	8.919		20-120		22	SPK: -40
4165-62-2	Phenol-d5	16.445		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.116		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.934		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	15.215		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	19.521		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.543		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.112		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.238		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.683		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.082		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.994		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	19.542		20-140		49	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.315		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	20.069		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.495		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.086		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	143522	7.693				
1146-65-2	Naphthalene-d8	551475	10.469				
15067-26-2	Acenaphthene-d10	300049	14.339				
1517-22-2	Phenanthrene-d10	565654	17.092				

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0765			SDG No.:	BM032124
Lab Sample ID:	P1760-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.9
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044684.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	482221	21.292				
1520-96-3	Perylene-d12	570547	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	86	J			17.998	
E966796	Total Alkanes	53	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0766			SDG No.:	BM032124
Lab Sample ID:	P1760-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044685.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	6.9	70	ug/Kg
100-52-7	Benzaldehyde	78	U	78	86.1	340	ug/Kg
110-86-1	Pyridine	45	U	45	170	340	ug/Kg
108-95-2	Phenol	37	U	37	86.1	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	86.1	340	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	44.4	180	ug/Kg
95-48-7	2-Methylphenol	31	U	31	86.1	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	28	U	28	86.1	340	ug/Kg
98-86-2	Acetophenone	40	U	40	86.1	340	ug/Kg
106-44-5	4-Methylphenol	33	U	33	86.1	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	30	U	30	44.4	180	ug/Kg
67-72-1	Hexachloroethane	24	U	24	44.4	180	ug/Kg
98-95-3	Nitrobenzene	38	U	38	44.4	180	ug/Kg
78-59-1	Isophorone	35	U	35	44.4	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	44.4	180	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	44.4	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	40	U	40	44.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	44.4	180	ug/Kg
91-20-3	Naphthalene	35	U	35	44.4	180	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	44.4	340	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	44.4	180	ug/Kg
105-60-2	Caprolactam	130	U	130	86.1	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29	U	29	44.4	180	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	44.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	44.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	82	U	82	86.1	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45	U	45	44.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	44.4	180	ug/Kg
92-52-4	1,1-Biphenyl	50	U	50	44.4	180	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	44.4	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	44.4	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0766			SDG No.:	BM032124
Lab Sample ID:	P1760-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044685.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	44	U	44	44.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	44.4	180	ug/Kg
208-96-8	Acenaphthylene	45	U	45	44.4	180	ug/Kg
99-09-2	3-Nitroaniline	21	U	21	86.1	340	ug/Kg
83-32-9	Acenaphthene	43	U	43	44.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	86.1	340	ug/Kg
100-02-7	4-Nitrophenol	43	U	43	86.1	340	ug/Kg
132-64-9	Dibenzofuran	48	U	48	44.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	28	U	28	44.4	180	ug/Kg
84-66-2	Diethylphthalate	63	U	63	44.4	180	ug/Kg
86-73-7	Fluorene	47	U	47	44.4	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	49	U	49	44.4	180	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	86.1	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	86.1	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	44.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	44.4	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47	U	47	44.4	180	ug/Kg
118-74-1	Hexachlorobenzene	52	U	52	44.4	180	ug/Kg
1912-24-9	Atrazine	41	U	41	86.1	340	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	86.1	340	ug/Kg
85-01-8	Phenanthrene	46	U	46	44.4	180	ug/Kg
608-93-5	Pentachlorobenzene	53	U	53	44.4	180	ug/Kg
120-12-7	Anthracene	45	U	45	44.4	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	34	U	34	44.4	180	ug/Kg
86-74-8	Carbazole	47	U	47	86.1	340	ug/Kg
84-74-2	Di-n-butylphthalate	44	U	44	44.4	180	ug/Kg
206-44-0	Fluoranthene	46	U	46	86.1	180	ug/Kg
129-00-0	Pyrene	46	U	46	44.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	33	U	33	44.4	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	24	U	24	86.1	340	ug/Kg
56-55-3	Benzo(a)anthracene	41	U	41	44.4	180	ug/Kg
218-01-9	Chrysene	47	U	47	44.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	46	U	46	44.4	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0766			SDG No.:	BM032124
Lab Sample ID:	P1760-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044685.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	35	U	35	86.1	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	44.4	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	44.4	180	ug/Kg
50-32-8	Benzo(a)pyrene	44	U	44	44.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	44.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	44.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	44.4	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	44.4	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.267		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	24.576		20-120		61	SPK: -40
4165-62-2	Phenol-d5	25.45		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.579		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.374		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.617		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	30.472		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.233		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.949		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.941		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.544		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	32.208		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.871		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	32.839		20-140		82	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.219		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	34.433		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	34.64		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.639		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146682	7.693				
1146-65-2	Naphthalene-d8	563840	10.469				
15067-26-2	Acenaphthene-d10	307908	14.339				
1517-22-2	Phenanthrene-d10	589862	17.092				

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0766			SDG No.:	BM032124
Lab Sample ID:	P1760-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	4.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044685.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	509943	21.292				
1520-96-3	Perylene-d12	609617	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			18.004	
	(DEL) Alkane: Cyclic21.021	140	J			21.021	
007683-64-9	Supraene	81	J			22.497	
E966796	Total Alkanes	140				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0767			SDG No.:	BM032124
Lab Sample ID:	P1760-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	3.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044686.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.8	69	ug/Kg
100-52-7	Benzaldehyde	77	U	77	85	340	ug/Kg
110-86-1	Pyridine	44	U	44	170	340	ug/Kg
108-95-2	Phenol	36	U	36	85	340	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	85	340	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	43.8	180	ug/Kg
95-48-7	2-Methylphenol	31	U	31	85	340	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	28	U	28	85	340	ug/Kg
98-86-2	Acetophenone	39	U	39	85	340	ug/Kg
106-44-5	4-Methylphenol	33	U	33	85	340	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	30	U	30	43.8	180	ug/Kg
67-72-1	Hexachloroethane	24	U	24	43.8	180	ug/Kg
98-95-3	Nitrobenzene	37	U	37	43.8	180	ug/Kg
78-59-1	Isophorone	35	U	35	43.8	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	43.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	43.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	39	U	39	43.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	43.8	180	ug/Kg
91-20-3	Naphthalene	35	U	35	43.8	180	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	43.8	340	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	43.8	180	ug/Kg
105-60-2	Caprolactam	120	U	120	85	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29	U	29	43.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	43.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	43.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	81	U	81	85	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44	U	44	43.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	43.8	180	ug/Kg
92-52-4	1,1-Biphenyl	49	U	49	43.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	46	U	46	43.8	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	43.8	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0767			SDG No.:	BM032124
Lab Sample ID:	P1760-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	3.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044686.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	43	U	43	43.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	43.8	180	ug/Kg
208-96-8	Acenaphthylene	44	U	44	43.8	180	ug/Kg
99-09-2	3-Nitroaniline	21	U	21	85	340	ug/Kg
83-32-9	Acenaphthene	42	U	42	43.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	85	340	ug/Kg
100-02-7	4-Nitrophenol	42	U	42	85	340	ug/Kg
132-64-9	Dibenzofuran	47	U	47	43.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	28	U	28	43.8	180	ug/Kg
84-66-2	Diethylphthalate	62	U	62	43.8	180	ug/Kg
86-73-7	Fluorene	46	U	46	43.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	43.8	180	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	85	340	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	85	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	43.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	43.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	43.8	180	ug/Kg
118-74-1	Hexachlorobenzene	52	U	52	43.8	180	ug/Kg
1912-24-9	Atrazine	40	U	40	85	340	ug/Kg
87-86-5	Pentachlorophenol	90	U	90	85	340	ug/Kg
85-01-8	Phenanthrene	45	U	45	43.8	180	ug/Kg
608-93-5	Pentachlorobenzene	53	U	53	43.8	180	ug/Kg
120-12-7	Anthracene	44	U	44	43.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	34	U	34	43.8	180	ug/Kg
86-74-8	Carbazole	46	U	46	85	340	ug/Kg
84-74-2	Di-n-butylphthalate	43	U	43	43.8	180	ug/Kg
206-44-0	Fluoranthene	45	U	45	85	180	ug/Kg
129-00-0	Pyrene	45	U	45	43.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	33	U	33	43.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	24	U	24	85	340	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	43.8	180	ug/Kg
218-01-9	Chrysene	46	U	46	43.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	45	U	45	43.8	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0767			SDG No.:	BM032124
Lab Sample ID:	P1760-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	3.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044686.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	35	U	35	85	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	43.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	43.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	43	U	43	43.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	43.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	43.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	43.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	43.8	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.763		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	21.272		20-120		53	SPK: -40
4165-62-2	Phenol-d5	23.7		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.992		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.367		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.621		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	28.592		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.12		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.871		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.26		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.084		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.47		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.832		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	29.989		20-140		75	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.095		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	31.787		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	32.927		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.359		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145500	7.693				
1146-65-2	Naphthalene-d8	573172	10.469				
15067-26-2	Acenaphthene-d10	324185	14.334				
1517-22-2	Phenanthrene-d10	613184	17.092				

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Report of Analysis

Client:				Date Collected:	3/16/2024 12:00:00 AM
Project:				Date Received:	3/16/2024 12:00:00 AM
Client Sample ID:	E0767			SDG No.:	BM032124
Lab Sample ID:	P1760-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	3.3
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044686.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	515514	21.292				
1520-96-3	Perylene-d12	605904	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			17.998	
000112-80-1	Oleic Acid	100	J			19.169	
	(DEL) Alkane: Straight-Chain21.021	120	J			21.021	
E966796	Total Alkanes	120				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773			SDG No.:	BM032124
Lab Sample ID:	P1760-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044687.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.9	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	98.2	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	98.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	98.2	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.6	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.2	390	ug/Kg
98-86-2	Acetophenone	45	U	45	98.2	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	50.6	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.6	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.6	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.6	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.6	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.6	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.6	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	98.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.6	200	ug/Kg
92-52-4	1,1-Biphenyl	57	U	57	50.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.6	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.6	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773			SDG No.:	BM032124
Lab Sample ID:	P1760-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044687.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	50	U	50	50.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.6	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.6	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.2	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.2	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.2	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.6	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.6	200	ug/Kg
86-73-7	Fluorene	54	U	54	50.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.6	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.6	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.6	200	ug/Kg
1912-24-9	Atrazine	46	U	46	98.2	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.2	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.6	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.6	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.6	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.6	200	ug/Kg
206-44-0	Fluoranthene	67	J	52	98.2	200	ug/Kg
129-00-0	Pyrene	55	J	52	50.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	98.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.6	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.6	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773			SDG No.:	BM032124
Lab Sample ID:	P1760-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044687.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	40	U	40	98.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.097		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	24.757		20-120		62	SPK: -40
4165-62-2	Phenol-d5	26.527		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.601		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.176		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	26.04		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	31.82		10-135		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.534		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.664		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.751		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.093		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	33.153		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.594		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	34.128		20-140		85	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.227		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	34.818		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	36.749		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.847		10-140		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151821	7.692				
1146-65-2	Naphthalene-d8	600877	10.469				
15067-26-2	Acenaphthene-d10	339546	14.339				
1517-22-2	Phenanthrene-d10	649922	17.092				

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773			SDG No.:	BM032124
Lab Sample ID:	P1760-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044687.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	551713	21.292				
1520-96-3	Perylene-d12	642929	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	230	J			18.004	
	(DEL) Alkane: Straight-Chain21.021	200	J			21.021	
E966796	Total Alkanes	200				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773MS			SDG No.:	BM032124
Lab Sample ID:	P1760-06MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044688.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	620		15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	1500		89	98.1	390	ug/Kg
110-86-1	Pyridine	1400		51	200	390	ug/Kg
108-95-2	Phenol	1500		42	98.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1500		40	98.1	390	ug/Kg
95-57-8	2-Chlorophenol	1600		33	50.5	200	ug/Kg
95-48-7	2-Methylphenol	1400		36	98.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		32	98.1	390	ug/Kg
98-86-2	Acetophenone	1500		45	98.1	390	ug/Kg
106-44-5	4-Methylphenol	1400		38	98.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		34	50.5	200	ug/Kg
67-72-1	Hexachloroethane	1700		27	50.5	200	ug/Kg
98-95-3	Nitrobenzene	1800		43	50.5	200	ug/Kg
78-59-1	Isophorone	1600		40	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	1700		38	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		33	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600		45	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		46	50.5	200	ug/Kg
91-20-3	Naphthalene	1700		40	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	940		51	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	1900		40	50.5	200	ug/Kg
105-60-2	Caprolactam	1400		140	98.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		33	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	1600		49	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	1600		44	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1700		94	98.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		51	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		50	50.5	200	ug/Kg
92-52-4	1,1-Biphenyl	1700		57	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	1700		53	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	1700		26	50.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773MS			SDG No.:	BM032124
Lab Sample ID:	P1760-06MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044688.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1600		50	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		25	50.5	200	ug/Kg
208-96-8	Acenaphthylene	1700		51	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	1500		24	98.1	390	ug/Kg
83-32-9	Acenaphthene	1700		49	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		140	98.1	390	ug/Kg
100-02-7	4-Nitrophenol	1600		49	98.1	390	ug/Kg
132-64-9	Dibenzofuran	1700		55	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		32	50.5	200	ug/Kg
84-66-2	Diethylphthalate	1600		71	50.5	200	ug/Kg
86-73-7	Fluorene	1700		53	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		56	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	1800		50	98.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		19	98.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1800		50	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		61	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		53	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	1900		59	50.5	200	ug/Kg
1912-24-9	Atrazine	740		46	98.1	390	ug/Kg
87-86-5	Pentachlorophenol	1600		100	98.1	390	ug/Kg
85-01-8	Phenanthrene	1800		52	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	2000		61	50.5	200	ug/Kg
120-12-7	Anthracene	1700		51	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2100		39	50.5	200	ug/Kg
86-74-8	Carbazole	1700		53	98.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	1700		50	50.5	200	ug/Kg
206-44-0	Fluoranthene	1800		52	98.1	200	ug/Kg
129-00-0	Pyrene	1800		52	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	1600		38	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		27	98.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	1700		46	50.5	200	ug/Kg
218-01-9	Chrysene	1700		53	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		52	50.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773MS			SDG No.:	BM032124
Lab Sample ID:	P1760-06MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044688.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1500		40	98.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		50	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		53	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	1700		50	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		44	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		44	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		42	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		44	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.044		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	24.477		20-120		61	SPK: -40
4165-62-2	Phenol-d5	26.491		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.963		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.075		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	24.992		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	30.805		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.786		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.147		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.292		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.072		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	30.477		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.426		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	29.951		20-140		75	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.19		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	31.256		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	31.951		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.784		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161008	7.692				
1146-65-2	Naphthalene-d8	642661	10.475				
15067-26-2	Acenaphthene-d10	358000	14.339				
1517-22-2	Phenanthrene-d10	667663	17.092				

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773MS			SDG No.:	BM032124
Lab Sample ID:	P1760-06MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044688.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	571907	21.291				
1520-96-3	Perylene-d12	647369	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	57	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773MSD			SDG No.:	BM032124
Lab Sample ID:	P1760-07MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044689.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	650		15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	1600		89	98	390	ug/Kg
110-86-1	Pyridine	1500		51	200	390	ug/Kg
108-95-2	Phenol	1600		42	98	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1600		40	98	390	ug/Kg
95-57-8	2-Chlorophenol	1600		33	50.5	200	ug/Kg
95-48-7	2-Methylphenol	1500		36	98	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		32	98	390	ug/Kg
98-86-2	Acetophenone	1500		45	98	390	ug/Kg
106-44-5	4-Methylphenol	1500		38	98	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		34	50.5	200	ug/Kg
67-72-1	Hexachloroethane	1700		27	50.5	200	ug/Kg
98-95-3	Nitrobenzene	1900		43	50.5	200	ug/Kg
78-59-1	Isophorone	1700		40	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	1800		38	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		33	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1700		45	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		46	50.5	200	ug/Kg
91-20-3	Naphthalene	1800		40	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	1000		51	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	2000		40	50.5	200	ug/Kg
105-60-2	Caprolactam	1500		140	98	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		33	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	1700		49	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	1700		44	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1700		94	98	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		51	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		50	50.5	200	ug/Kg
92-52-4	1,1-Biphenyl	1800		57	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	1800		53	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	1800		26	50.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773MSD			SDG No.:	BM032124
Lab Sample ID:	P1760-07MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044689.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1700		50	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		25	50.5	200	ug/Kg
208-96-8	Acenaphthylene	1800		51	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	1600		24	98	390	ug/Kg
83-32-9	Acenaphthene	1800		49	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		140	98	390	ug/Kg
100-02-7	4-Nitrophenol	1800		49	98	390	ug/Kg
132-64-9	Dibenzofuran	1800		55	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		32	50.5	200	ug/Kg
84-66-2	Diethylphthalate	1700		71	50.5	200	ug/Kg
86-73-7	Fluorene	1800		53	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		56	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	1900		50	98	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		19	98	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1900		50	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		61	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		53	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	2000		59	50.5	200	ug/Kg
1912-24-9	Atrazine	780		46	98	390	ug/Kg
87-86-5	Pentachlorophenol	1600		100	98	390	ug/Kg
85-01-8	Phenanthrene	1900		52	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	2100		61	50.5	200	ug/Kg
120-12-7	Anthracene	1800		51	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2100		39	50.5	200	ug/Kg
86-74-8	Carbazole	1800		53	98	390	ug/Kg
84-74-2	Di-n-butylphthalate	1800		50	50.5	200	ug/Kg
206-44-0	Fluoranthene	1900		52	98	200	ug/Kg
129-00-0	Pyrene	1900		52	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	1700		38	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		27	98	390	ug/Kg
56-55-3	Benzo(a)anthracene	1800		46	50.5	200	ug/Kg
218-01-9	Chrysene	1800		53	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		52	50.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773MSD			SDG No.:	BM032124
Lab Sample ID:	P1760-07MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044689.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1600		40	98	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		50	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		53	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	1800		50	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2000		44	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		44	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		42	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		44	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.515		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	25.908		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.552		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.882		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.488		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	26.137		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	32.575		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.279		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.024		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.588		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.4		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.902		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.484		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	31.623		20-140		79	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.211		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	32.837		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	32.693		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.556		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142588	7.693				
1146-65-2	Naphthalene-d8	559844	10.469				
15067-26-2	Acenaphthene-d10	313361	14.339				
1517-22-2	Phenanthrene-d10	589832	17.092				

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Report of Analysis

Client:				Date Collected:	3/17/2024 12:00:00 AM
Project:				Date Received:	3/17/2024 12:00:00 AM
Client Sample ID:	E0773MSD			SDG No.:	BM032124
Lab Sample ID:	P1760-07MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044689.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	528184	21.292				
1520-96-3	Perylene-d12	597510	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	57	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	SLCS667			SDG No.:	BM032124
Lab Sample ID:	PB159667BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044690.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	380		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	910		75	82.5	330	ug/Kg
110-86-1	Pyridine	840		43	170	330	ug/Kg
108-95-2	Phenol	880		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	890		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	940		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	860		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990		27	82.5	330	ug/Kg
98-86-2	Acetophenone	860		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	830		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	870		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	990		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		36	42.5	170	ug/Kg
78-59-1	Isophorone	950		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	920		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	960		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		39	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	610		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		34	42.5	170	ug/Kg
105-60-2	Caprolactam	760		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	900		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	950		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	940		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	990		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	940		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	960		42	42.5	170	ug/Kg
92-52-4	1,1-Biphenyl	1000		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	990		22	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	SLCS667			SDG No.:	BM032124
Lab Sample ID:	PB159667BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044690.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	940		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	920		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	880		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	990		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	720		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	920		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	980		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	910		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	910		60	42.5	170	ug/Kg
86-73-7	Fluorene	980		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1000		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	970		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		50	42.5	170	ug/Kg
1912-24-9	Atrazine	430		39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	890		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1200		51	42.5	170	ug/Kg
120-12-7	Anthracene	1100		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		33	42.5	170	ug/Kg
86-74-8	Carbazole	1000		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	960		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		44	82.5	170	ug/Kg
129-00-0	Pyrene	1000		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	890		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	990		39	42.5	170	ug/Kg
218-01-9	Chrysene	1000		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	950		44	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	SLCS667			SDG No.:	BM032124
Lab Sample ID:	PB159667BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044690.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	860		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1000		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	860		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.712		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	27.382		20-120		68	SPK: -40
4165-62-2	Phenol-d5	26.712		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.063		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.542		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	25.185		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	31.139		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.447		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.552		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.426		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.419		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	29.825		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.154		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	28.812		20-140		72	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.496		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	31.322		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	30.757		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.746		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162838	7.692				
1146-65-2	Naphthalene-d8	637708	10.469				
15067-26-2	Acenaphthene-d10	351562	14.339				
1517-22-2	Phenanthrene-d10	640678	17.092				

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	SLCS667			SDG No.:	BM032124
Lab Sample ID:	PB159667BS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044690.D	1	3/19/2024 12:00:00 AM	3/20/2024 12:00:00 AM	PB159667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	557957	21.292				
1520-96-3	Perylene-d12	627540	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SBLK693	SDG No.:	BM032124
Lab Sample ID:	PB159693BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044694.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

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
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

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Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SBLK693			SDG No.:	BM032124
Lab Sample ID:	PB159693BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044694.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SBLK693	SDG No.:	BM032124
Lab Sample ID:	PB159693BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044694.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	6.294		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	28.047		20-120		70	SPK: -40
4165-62-2	Phenol-d5	27.568		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.726		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.773		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	26.829		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	31.72		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.564		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.767		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.804		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.529		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.087		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.253		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	30.787		25-125		77	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.461		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	32.654		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	33.839		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.711		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167057	7.692				
1146-65-2	Naphthalene-d8	682364	10.469				
15067-26-2	Acenaphthene-d10	394928	14.333				
1517-22-2	Phenanthrene-d10	740091	17.092				

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Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SBLK693			SDG No.:	BM032124
Lab Sample ID:	PB159693BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044694.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	593937	21.286				
1520-96-3	Perylene-d12	720144	23.532				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLCS693			SDG No.:	BM032124
Lab Sample ID:	PB159693BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044695.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13		0.49	0.5	2	ug/L
110-86-1	Pyridine	29		1.4	10	10	ug/L
100-52-7	Benzaldehyde	32		2.5	5	10	ug/L
108-95-2	Phenol	32		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	34		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	35		1.4	5	10	ug/L
98-86-2	Acetophenone	32		1.5	5	10	ug/L
106-44-5	4-Methylphenol	30		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	32		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	35		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	37		1.4	2.5	5	ug/L
78-59-1	Isophorone	34		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	36		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	35		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	34		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	36		1.5	2.5	5	ug/L
91-20-3	Naphthalene	36		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	39		1.2	2.5	5	ug/L
105-60-2	Caprolactam	28		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	34		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	34		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	34		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	35		1.5	2.5	5	ug/L
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	35		1.2	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLCS693			SDG No.:	BM032124
Lab Sample ID:	PB159693BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044695.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	33		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	35		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	31		0.84	5	10	ug/L
83-32-9	Acenaphthene	35		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	28		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	33		1.5	5	10	ug/L
132-64-9	Dibenzofuran	35		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	33		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	33		1.5	2.5	5	ug/L
86-73-7	Fluorene	35		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	36		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	35		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	37		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	39		1.6	2.5	5	ug/L
1912-24-9	Atrazine	14		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	32		3.6	5	10	ug/L
85-01-8	Phenanthrene	36		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	42		1.5	2.5	5	ug/L
120-12-7	Anthracene	37		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	43		1.2	2.5	5	ug/L
86-74-8	Carbazole	35		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	33		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	36		1.7	5	5	ug/L
129-00-0	Pyrene	36		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	36		1.4	2.5	5	ug/L
218-01-9	Chrysene	36		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		1.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLCS693			SDG No.:	BM032124
Lab Sample ID:	PB159693BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044695.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	31		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	35		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	37		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	36		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	42		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	41		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	32		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.319		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	30.707		20-120		77	SPK: -40
4165-62-2	Phenol-d5	31.315		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.75		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.451		20-130		84	SPK: -40
190780-66-6	4-Methylphenol-d8	30.217		25-125		76	SPK: -40
4165-60-0	Nitrobenzene-d5	35.602		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.901		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.847		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.542		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.966		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	34.637		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.528		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	33.507		25-125		84	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.799		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	36.052		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	34.846		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.875		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152099	7.692				
1146-65-2	Naphthalene-d8	618607	10.469				
15067-26-2	Acenaphthene-d10	349428	14.333				
1517-22-2	Phenanthrene-d10	644140	17.092				

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Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLCS693			SDG No.:	BM032124
Lab Sample ID:	PB159693BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044695.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	560684	21.292				
1520-96-3	Perylene-d12	637405	23.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX1			SDG No.:	BM032124
Lab Sample ID:	P1813-01			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
BM044696.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

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
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

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX1			SDG No.:	BM032124
Lab Sample ID:	P1813-01			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
BM044696.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX1			SDG No.:	BM032124
Lab Sample ID:	P1813-01			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
BM044696.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	4.73		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	6.416	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	5.772		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.175		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.258		20-130		53	SPK: -40
190780-66-6	4-Methylphenol-d8	12.689		25-125		32	SPK: -40
4165-60-0	Nitrobenzene-d5	29.647		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.696		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.6		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.332		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.409		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.99		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.801		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	30.358		25-125		76	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.434		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	33.758		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	35.075		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.797		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169846	7.692				
1146-65-2	Naphthalene-d8	683614	10.469				
15067-26-2	Acenaphthene-d10	391754	14.333				
1517-22-2	Phenanthrene-d10	731013	17.092				

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX1			SDG No.:	BM032124
Lab Sample ID:	P1813-01			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
BM044696.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	581113	21.286				
1520-96-3	Perylene-d12	698283	23.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX2			SDG No.:	BM032124
Lab Sample ID:	P1813-02			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
BM044697.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

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
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

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX2			SDG No.:	BM032124
Lab Sample ID:	P1813-02			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
BM044697.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX2			SDG No.:	BM032124
Lab Sample ID:	P1813-02			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
BM044697.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	4.501		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	7.691	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	5.874		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.386		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.009		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	13.53		25-125		34	SPK: -40
4165-60-0	Nitrobenzene-d5	32.553		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.159		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.644		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.759		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.273		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	34.101		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.58		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	36.127		25-125		90	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.287		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	39.444		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	38.967		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.744		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152838	7.693				
1146-65-2	Naphthalene-d8	613896	10.469				
15067-26-2	Acenaphthene-d10	343021	14.333				
1517-22-2	Phenanthrene-d10	662257	17.092				

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX2			SDG No.:	BM032124
Lab Sample ID:	P1813-02			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
BM044697.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	593281	21.286				
1520-96-3	Perylene-d12	740819	23.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX3			SDG No.:	BM032124
Lab Sample ID:	P1813-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	840	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044698.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.58	U	0.58	0.6	2.4	ug/L
100-52-7	Benzaldehyde	3	U	3	6	12	ug/L
110-86-1	Pyridine	1.7	U	1.7	11.9	12	ug/L
108-95-2	Phenol	1.7	U	1.7	6	12	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.7	U	1.7	6	12	ug/L
95-57-8	2-Chlorophenol	1.5	U	1.5	3	6	ug/L
95-48-7	2-Methylphenol	1.7	U	1.7	6	12	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	6	12	ug/L
98-86-2	Acetophenone	1.8	U	1.8	6	12	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	6	12	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	3	6	ug/L
67-72-1	Hexachloroethane	1.3	U	1.3	3	6	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	3	6	ug/L
78-59-1	Isophorone	1.7	U	1.7	3	6	ug/L
88-75-5	2-Nitrophenol	1.7	U	1.7	3	6	ug/L
105-67-9	2,4-Dimethylphenol	1.2	U	1.2	3	6	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.8	U	1.8	3	6	ug/L
120-83-2	2,4-Dichlorophenol	1.8	U	1.8	3	6	ug/L
91-20-3	Naphthalene	1.5	U	1.5	3	6	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	3	12	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	1.4	3	6	ug/L
105-60-2	Caprolactam	5.4	U	5.4	6	12	ug/L
59-50-7	4-Chloro-3-methylphenol	1.7	U	1.7	3	6	ug/L
90-12-0	1-Methylnaphthalene	1.5	U	1.5	3	6	ug/L
91-57-6	2-Methylnaphthalene	1.7	U	1.7	3	6	ug/L
77-47-4	Hexachlorocyclopentadiene	3.9	U	3.9	6	12	ug/L
88-06-2	2,4,6-Trichlorophenol	1.8	U	1.8	3	6	ug/L
95-95-4	2,4,5-Trichlorophenol	1.8	U	1.8	3	6	ug/L
92-52-4	1,1-Biphenyl	2	U	2	3	6	ug/L
91-58-7	2-Chloronaphthalene	1.9	U	1.9	3	6	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	3	6	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX3			SDG No.:	BM032124
Lab Sample ID:	P1813-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	840	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044698.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.8	U	1.8	3	6	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	3	6	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	3	6	ug/L
99-09-2	3-Nitroaniline	1	U	1	6	12	ug/L
83-32-9	Acenaphthene	1.8	U	1.8	3	6	ug/L
51-28-5	2,4-Dinitrophenol	7	U	7	6	12	ug/L
100-02-7	4-Nitrophenol	1.8	U	1.8	6	12	ug/L
132-64-9	Dibenzofuran	1.8	U	1.8	3	6	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	1.3	3	6	ug/L
84-66-2	Diethylphthalate	1.8	U	1.8	3	6	ug/L
86-73-7	Fluorene	1.8	U	1.8	3	6	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	3	6	ug/L
100-01-6	4-Nitroaniline	1.5	U	1.5	6	12	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.1	U	1.1	6	12	ug/L
86-30-6	N-Nitrosodiphenylamine	1.9	U	1.9	3	6	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	3	6	ug/L
101-55-3	4-Bromophenyl-phenylether	1.8	U	1.8	3	6	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	3	6	ug/L
1912-24-9	Atrazine	1.9	U	1.9	6	12	ug/L
87-86-5	Pentachlorophenol	4.3	U	4.3	6	12	ug/L
85-01-8	Phenanthrene	1.9	U	1.9	3	6	ug/L
608-93-5	Pentachlorobenzene	1.8	U	1.8	3	6	ug/L
120-12-7	Anthracene	1.7	U	1.7	3	6	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.4	U	1.4	3	6	ug/L
86-74-8	Carbazole	1.9	U	1.9	6	12	ug/L
84-74-2	Di-n-butylphthalate	2	U	2	3	6	ug/L
206-44-0	Fluoranthene	2	U	2	6	6	ug/L
129-00-0	Pyrene	2	U	2	3	6	ug/L
85-68-7	Butylbenzylphthalate	1.8	U	1.8	3	6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	6	12	ug/L
56-55-3	Benzo(a)anthracene	1.7	U	1.7	3	6	ug/L
218-01-9	Chrysene	1.8	U	1.8	3	6	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	U	2.1	3	6	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX3			SDG No.:	BM032124
Lab Sample ID:	P1813-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	840	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044698.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.7	U	1.7	6	12	ug/L
205-99-2	Benzo(b)fluoranthene	1.9	U	1.9	3	6	ug/L
207-08-9	Benzo(k)fluoranthene	2	U	2	3	6	ug/L
50-32-8	Benzo(a)pyrene	1.8	U	1.8	3	6	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	U	1.7	3	6	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.7	U	1.7	3	6	ug/L
191-24-2	Benzo(g,h,i)perylene	1.7	U	1.7	3	6	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.7	U	1.7	3	6	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.233		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	10.644		20-120		27	SPK: -40
4165-62-2	Phenol-d5	7.248		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.264		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.623		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	16.713		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	31.865		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.732		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.884		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.786		1-146		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.598		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	34.2		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.426		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	35.216		25-125		88	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.396		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	39.089		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	39.898		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.755		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158721	7.693				
1146-65-2	Naphthalene-d8	630022	10.469				
15067-26-2	Acenaphthene-d10	349125	14.334				
1517-22-2	Phenanthrene-d10	648998	17.092				

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX3			SDG No.:	BM032124
Lab Sample ID:	P1813-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	840	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044698.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	538239	21.286				
1520-96-3	Perylene-d12	642109	23.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	4.1	J			17.998	
	(DEL) Alkane: Straight-Chain21.021	2.6	J			21.021	
E966796	Total Alkanes	2.6				99	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX4			SDG No.:	BM032124
Lab Sample ID:	P1813-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	850	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044699.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.58	U	0.58	0.59	2.4	ug/L
100-52-7	Benzaldehyde	2.9	U	2.9	5.9	12	ug/L
110-86-1	Pyridine	1.6	U	1.6	11.8	12	ug/L
108-95-2	Phenol	1.6	U	1.6	5.9	12	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.6	U	1.6	5.9	12	ug/L
95-57-8	2-Chlorophenol	1.5	U	1.5	2.9	5.9	ug/L
95-48-7	2-Methylphenol	1.6	U	1.6	5.9	12	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.6	U	1.6	5.9	12	ug/L
98-86-2	Acetophenone	1.8	U	1.8	5.9	12	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.9	12	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.9	5.9	ug/L
67-72-1	Hexachloroethane	1.3	U	1.3	2.9	5.9	ug/L
98-95-3	Nitrobenzene	1.6	U	1.6	2.9	5.9	ug/L
78-59-1	Isophorone	1.6	U	1.6	2.9	5.9	ug/L
88-75-5	2-Nitrophenol	1.6	U	1.6	2.9	5.9	ug/L
105-67-9	2,4-Dimethylphenol	1.2	U	1.2	2.9	5.9	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.8	U	1.8	2.9	5.9	ug/L
120-83-2	2,4-Dichlorophenol	1.8	U	1.8	2.9	5.9	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.9	5.9	ug/L
106-47-8	4-Chloroaniline	1.6	U	1.6	2.9	12	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	1.4	2.9	5.9	ug/L
105-60-2	Caprolactam	5.3	U	5.3	5.9	12	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.9	5.9	ug/L
90-12-0	1-Methylnaphthalene	1.5	U	1.5	2.9	5.9	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.9	5.9	ug/L
77-47-4	Hexachlorocyclopentadiene	3.9	U	3.9	5.9	12	ug/L
88-06-2	2,4,6-Trichlorophenol	1.8	U	1.8	2.9	5.9	ug/L
95-95-4	2,4,5-Trichlorophenol	1.8	U	1.8	2.9	5.9	ug/L
92-52-4	1,1-Biphenyl	2	U	2	2.9	5.9	ug/L
91-58-7	2-Chloronaphthalene	1.9	U	1.9	2.9	5.9	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	2.9	5.9	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX4			SDG No.:	BM032124
Lab Sample ID:	P1813-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	850	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044699.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.8	U	1.8	2.9	5.9	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.9	5.9	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.9	5.9	ug/L
99-09-2	3-Nitroaniline	0.99	U	0.99	5.9	12	ug/L
83-32-9	Acenaphthene	1.8	U	1.8	2.9	5.9	ug/L
51-28-5	2,4-Dinitrophenol	6.9	U	6.9	5.9	12	ug/L
100-02-7	4-Nitrophenol	1.8	U	1.8	5.9	12	ug/L
132-64-9	Dibenzofuran	1.8	U	1.8	2.9	5.9	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	1.3	2.9	5.9	ug/L
84-66-2	Diethylphthalate	1.8	U	1.8	2.9	5.9	ug/L
86-73-7	Fluorene	1.8	U	1.8	2.9	5.9	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.9	5.9	ug/L
100-01-6	4-Nitroaniline	1.5	U	1.5	5.9	12	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.1	U	1.1	5.9	12	ug/L
86-30-6	N-Nitrosodiphenylamine	1.9	U	1.9	2.9	5.9	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	2.9	5.9	ug/L
101-55-3	4-Bromophenyl-phenylether	1.8	U	1.8	2.9	5.9	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.9	5.9	ug/L
1912-24-9	Atrazine	1.9	U	1.9	5.9	12	ug/L
87-86-5	Pentachlorophenol	4.2	U	4.2	5.9	12	ug/L
85-01-8	Phenanthrene	1.9	U	1.9	2.9	5.9	ug/L
608-93-5	Pentachlorobenzene	1.8	U	1.8	2.9	5.9	ug/L
120-12-7	Anthracene	1.6	U	1.6	2.9	5.9	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.4	U	1.4	2.9	5.9	ug/L
86-74-8	Carbazole	1.9	U	1.9	5.9	12	ug/L
84-74-2	Di-n-butylphthalate	2	U	2	2.9	5.9	ug/L
206-44-0	Fluoranthene	2	U	2	5.9	5.9	ug/L
129-00-0	Pyrene	2	U	2	2.9	5.9	ug/L
85-68-7	Butylbenzylphthalate	1.8	U	1.8	2.9	5.9	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	5.9	12	ug/L
56-55-3	Benzo(a)anthracene	1.6	U	1.6	2.9	5.9	ug/L
218-01-9	Chrysene	1.8	U	1.8	2.9	5.9	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	U	2.1	2.9	5.9	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX4			SDG No.:	BM032124
Lab Sample ID:	P1813-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	850	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044699.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.6	U	1.6	5.9	12	ug/L
205-99-2	Benzo(b)fluoranthene	1.9	U	1.9	2.9	5.9	ug/L
207-08-9	Benzo(k)fluoranthene	2	U	2	2.9	5.9	ug/L
50-32-8	Benzo(a)pyrene	1.8	U	1.8	2.9	5.9	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.6	U	1.6	2.9	5.9	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.6	U	1.6	2.9	5.9	ug/L
191-24-2	Benzo(g,h,i)perylene	1.6	U	1.6	2.9	5.9	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.6	U	1.6	2.9	5.9	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.01		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	11.086		20-120		28	SPK: -40
4165-62-2	Phenol-d5	7.084		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.725		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.863		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	16.08		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	34.764		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.477		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.34		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.886		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.995		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	37.084		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.337		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	38.295		25-125		96	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.574		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	42.304		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	43.414		15-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.353		20-130		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158842	7.693				
1146-65-2	Naphthalene-d8	643058	10.469				
15067-26-2	Acenaphthene-d10	363610	14.333				
1517-22-2	Phenanthrene-d10	669499	17.092				

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX4			SDG No.:	BM032124
Lab Sample ID:	P1813-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	850	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044699.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	545615	21.286				
1520-96-3	Perylene-d12	653147	23.527				
TENTATIVE IDENTIFIED COMPOUNDS							
001077-56-1	Benzenesulfonamide, N-ethyl-2-meth	2.4	J			15.863	
E966796	Total Alkanes	2	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX5			SDG No.:	BM032124
Lab Sample ID:	P1813-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	830	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044700.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.59	U	0.59	0.6	2.4	ug/L
100-52-7	Benzaldehyde	3	U	3	6	12	ug/L
110-86-1	Pyridine	1.7	U	1.7	12	12	ug/L
108-95-2	Phenol	1.7	U	1.7	6	12	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.7	U	1.7	6	12	ug/L
95-57-8	2-Chlorophenol	1.6	U	1.6	3	6	ug/L
95-48-7	2-Methylphenol	1.7	U	1.7	6	12	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	6	12	ug/L
98-86-2	Acetophenone	1.8	U	1.8	6	12	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	6	12	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	3	6	ug/L
67-72-1	Hexachloroethane	1.3	U	1.3	3	6	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	3	6	ug/L
78-59-1	Isophorone	1.7	U	1.7	3	6	ug/L
88-75-5	2-Nitrophenol	1.7	U	1.7	3	6	ug/L
105-67-9	2,4-Dimethylphenol	1.2	U	1.2	3	6	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.8	U	1.8	3	6	ug/L
120-83-2	2,4-Dichlorophenol	1.8	U	1.8	3	6	ug/L
91-20-3	Naphthalene	1.6	U	1.6	3	6	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	3	12	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	1.4	3	6	ug/L
105-60-2	Caprolactam	5.4	U	5.4	6	12	ug/L
59-50-7	4-Chloro-3-methylphenol	1.7	U	1.7	3	6	ug/L
90-12-0	1-Methylnaphthalene	1.6	U	1.6	3	6	ug/L
91-57-6	2-Methylnaphthalene	1.7	U	1.7	3	6	ug/L
77-47-4	Hexachlorocyclopentadiene	4	U	4	6	12	ug/L
88-06-2	2,4,6-Trichlorophenol	1.8	U	1.8	3	6	ug/L
95-95-4	2,4,5-Trichlorophenol	1.8	U	1.8	3	6	ug/L
92-52-4	1,1-Biphenyl	2	U	2	3	6	ug/L
91-58-7	2-Chloronaphthalene	1.9	U	1.9	3	6	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	3	6	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX5			SDG No.:	BM032124
Lab Sample ID:	P1813-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	830	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044700.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.8	U	1.8	3	6	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	3	6	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	3	6	ug/L
99-09-2	3-Nitroaniline	1	U	1	6	12	ug/L
83-32-9	Acenaphthene	1.8	U	1.8	3	6	ug/L
51-28-5	2,4-Dinitrophenol	7.1	U	7.1	6	12	ug/L
100-02-7	4-Nitrophenol	1.8	U	1.8	6	12	ug/L
132-64-9	Dibenzofuran	1.8	U	1.8	3	6	ug/L
121-14-2	2,4-Dinitrotoluene	1.3	U	1.3	3	6	ug/L
84-66-2	Diethylphthalate	1.8	U	1.8	3	6	ug/L
86-73-7	Fluorene	1.8	U	1.8	3	6	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	3	6	ug/L
100-01-6	4-Nitroaniline	1.6	U	1.6	6	12	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.1	U	1.1	6	12	ug/L
86-30-6	N-Nitrosodiphenylamine	1.9	U	1.9	3	6	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	2.2	3	6	ug/L
101-55-3	4-Bromophenyl-phenylether	1.8	U	1.8	3	6	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	3	6	ug/L
1912-24-9	Atrazine	1.9	U	1.9	6	12	ug/L
87-86-5	Pentachlorophenol	4.3	U	4.3	6	12	ug/L
85-01-8	Phenanthrene	1.9	U	1.9	3	6	ug/L
608-93-5	Pentachlorobenzene	1.8	U	1.8	3	6	ug/L
120-12-7	Anthracene	1.7	U	1.7	3	6	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.4	U	1.4	3	6	ug/L
86-74-8	Carbazole	1.9	U	1.9	6	12	ug/L
84-74-2	Di-n-butylphthalate	2	U	2	3	6	ug/L
206-44-0	Fluoranthene	2	U	2	6	6	ug/L
129-00-0	Pyrene	2	U	2	3	6	ug/L
85-68-7	Butylbenzylphthalate	1.8	U	1.8	3	6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	6	12	ug/L
56-55-3	Benzo(a)anthracene	1.7	U	1.7	3	6	ug/L
218-01-9	Chrysene	1.8	U	1.8	3	6	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.2	U	2.2	3	6	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX5			SDG No.:	BM032124
Lab Sample ID:	P1813-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	830	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044700.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.7	U	1.7	6	12	ug/L
205-99-2	Benzo(b)fluoranthene	1.9	U	1.9	3	6	ug/L
207-08-9	Benzo(k)fluoranthene	2	U	2	3	6	ug/L
50-32-8	Benzo(a)pyrene	1.8	U	1.8	3	6	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	U	1.7	3	6	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.7	U	1.7	3	6	ug/L
191-24-2	Benzo(g,h,i)perylene	1.7	U	1.7	3	6	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.7	U	1.7	3	6	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.453		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	15.362		20-120		38	SPK: -40
4165-62-2	Phenol-d5	8.743		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.232		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.638		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	17.937		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	36.621		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.307		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.59		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.317		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.315		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	36.195		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.115		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	36.662		25-125		92	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.974		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	39.546		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	38.796		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.329		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158041	7.692				
1146-65-2	Naphthalene-d8	637173	10.469				
15067-26-2	Acenaphthene-d10	355121	14.333				
1517-22-2	Phenanthrene-d10	651867	17.092				

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX5			SDG No.:	BM032124
Lab Sample ID:	P1813-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	830	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044700.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159693

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	562989	21.286				
1520-96-3	Perylene-d12	652167	23.533				
TENTATIVE IDENTIFIED COMPOUNDS							
128600-88-4	1,3-Methanopentalene, 1,2,3,5-tetr	2.4	J			8.051	
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	3.1	J			8.781	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	3	J			9.869	
000057-10-3	n-Hexadecanoic acid	3.8	J			17.998	
E966796	Total Alkanes	2	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK719			SDG No.:	BM032124
Lab Sample ID:	PB159719BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044702.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK719			SDG No.:	BM032124
Lab Sample ID:	PB159719BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044702.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK719			SDG No.:	BM032124
Lab Sample ID:	PB159719BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044702.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	5.077		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	25.169		20-120		63	SPK: -40
4165-62-2	Phenol-d5	24.826		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.898		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.573		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	23.75		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	29.014		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.543		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.294		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.239		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.344		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.54		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.344		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	27.51		25-125		69	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.285		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	29.667		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	30.544		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.529		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189413	7.692				
1146-65-2	Naphthalene-d8	775845	10.469				
15067-26-2	Acenaphthene-d10	445666	14.339				
1517-22-2	Phenanthrene-d10	823613	17.092				

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK719			SDG No.:	BM032124
Lab Sample ID:	PB159719BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044702.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	650048	21.291				
1520-96-3	Perylene-d12	770714	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	3/19/2024 12:00:00 AM
Project:		Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7	SDG No.:	BM032124
Lab Sample ID:	P1813-07	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
BM044703.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

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
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

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7			SDG No.:	BM032124
Lab Sample ID:	P1813-07			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
BM044703.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7			SDG No.:	BM032124
Lab Sample ID:	P1813-07			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
BM044703.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	4.196		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	9.174		20-120		23	SPK: -40
4165-62-2	Phenol-d5	6.073		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.491		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.336		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	13.818		25-125		35	SPK: -40
4165-60-0	Nitrobenzene-d5	29.969		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.048		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.438		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.559		1-146		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.819		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	31.877		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.213		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	32.241		25-125		81	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.326		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	34.79		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	34.043		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.676		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182543	7.692				
1146-65-2	Naphthalene-d8	730618	10.469				
15067-26-2	Acenaphthene-d10	411371	14.333				
1517-22-2	Phenanthrene-d10	783741	17.092				

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7			SDG No.:	BM032124
Lab Sample ID:	P1813-07			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
BM044703.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	693419	21.291				
1520-96-3	Perylene-d12	797919	23.532				
TENTATIVE IDENTIFIED COMPOUNDS							
000507-70-0	endo-Borneol	2.9	J			11.192	
000098-54-4	Phenol, p-tert-butyl-	4.3	J			11.822	
000632-46-2	Benzoic acid, 2,6-dimethyl-	4.2	J			12.48	
1000342-65-5	2,5-Dimethylphenylacetic acid	2.2	J			13.398	
042288-46-0	3,5-Dimethylphenylacetic acid	2.6	J			13.568	
000528-90-5	Benzoic acid, 2,4,5-trimethyl-	2.7	J			13.968	
065898-38-6	Indane-5-carboxylic acid	2	J			14.833	
000126-73-8	Tributyl phosphate	2.2	J			15.586	
001077-56-1	Benzenesulfonamide, N-ethyl-2-meth	4.3	J			15.868	
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	2.1	J			16.38	
000057-10-3	n-Hexadecanoic acid	2.8	J			17.997	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	8.6	J			19.556	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7MS			SDG No.:	BM032124
Lab Sample ID:	P1813-08MS			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
BM044704.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.8		0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	35		2.5	5.1	10	ug/L
110-86-1	Pyridine	15		1.4	10.1	10	ug/L
108-95-2	Phenol	10		1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	34		1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	29		1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	25		1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37		1.4	5.1	10	ug/L
98-86-2	Acetophenone	34		1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	21		1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	35		1.6	2.5	5.1	ug/L
67-72-1	Hexachloroethane	36		1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	41		1.4	2.5	5.1	ug/L
78-59-1	Isophorone	39		1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	37		1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	38		0.99	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	38		1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	38		1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	39		1.3	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	25		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	41		1.2	2.5	5.1	ug/L
105-60-2	Caprolactam	6.8	J	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	35		1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	39		1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	39		1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	34		3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	39		1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	40		1.5	2.5	5.1	ug/L
92-52-4	1,1-Biphenyl	41		1.7	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	41		1.6	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	47		1.2	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7MS			SDG No.:	BM032124
Lab Sample ID:	P1813-08MS			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
BM044704.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	42		1.5	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	44		1.1	2.5	5.1	ug/L
208-96-8	Acenaphthylene	41		1.5	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	39		0.85	5.1	10	ug/L
83-32-9	Acenaphthene	42		1.5	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	38		6	5.1	10	ug/L
100-02-7	4-Nitrophenol	12		1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	42		1.5	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	43		1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	42		1.5	2.5	5.1	ug/L
86-73-7	Fluorene	43		1.5	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44		1.6	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	46		1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	42		0.95	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	44		1.6	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41		1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	47		1.5	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	47		1.6	2.5	5.1	ug/L
1912-24-9	Atrazine	19		1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	44		3.6	5.1	10	ug/L
85-01-8	Phenanthrene	45		1.6	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	46		1.5	2.5	5.1	ug/L
120-12-7	Anthracene	45		1.4	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	44		1.2	2.5	5.1	ug/L
86-74-8	Carbazole	46		1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	45		1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	45		1.7	5.1	5.1	ug/L
129-00-0	Pyrene	44		1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	45		1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	3.3	J	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	44		1.4	2.5	5.1	ug/L
218-01-9	Chrysene	44		1.5	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	46		1.8	2.5	5.1	ug/L

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7MS			SDG No.:	BM032124
Lab Sample ID:	P1813-08MS			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
BM044704.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	42		1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	43		1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	43		1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	44		1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49		1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	49		1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	49		1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	40		1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.954		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	12.486		20-120		31	SPK: -40
4165-62-2	Phenol-d5	9.023		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.694		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.881		20-130		67	SPK: -40
190780-66-6	4-Methylphenol-d8	19.854		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	37.609		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.502		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.638		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.582		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.518		25-130		99	SPK: -40
93951-97-4	Acenaphthylene-d8	38.725		10-130		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.857		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	39.624		25-125		99	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.117		10-130		103	SPK: -40
1719-06-8	Anthracene-d10	42.124		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	42.23		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.135		20-130		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161827	7.692				
1146-65-2	Naphthalene-d8	657019	10.469				
15067-26-2	Acenaphthene-d10	385626	14.333				
1517-22-2	Phenanthrene-d10	765458	17.092				

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7MS			SDG No.:	BM032124
Lab Sample ID:	P1813-08MS			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
BM044704.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	682097	21.292				
1520-96-3	Perylene-d12	783682	23.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	3/19/2024 12:00:00 AM
Project:		Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7MSD	SDG No.:	BM032124
Lab Sample ID:	P1813-09MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044705.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.8		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	35		2.5	5	10	ug/L
110-86-1	Pyridine	15		1.4	10	10	ug/L
108-95-2	Phenol	10		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	34		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	24		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	38		1.4	5	10	ug/L
98-86-2	Acetophenone	34		1.5	5	10	ug/L
106-44-5	4-Methylphenol	21		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	34		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	36		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	40		1.4	2.5	5	ug/L
78-59-1	Isophorone	38		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	36		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	36		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	37		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	38		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	41		1.2	2.5	5	ug/L
105-60-2	Caprolactam	6.5	J	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	35		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	38		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	37		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	36		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	40		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41		1.5	2.5	5	ug/L
92-52-4	1,1-Biphenyl	41		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	41		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	46		1.2	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7MSD			SDG No.:	BM032124
Lab Sample ID:	P1813-09MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044705.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	41		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	44		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	40		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	39		0.84	5	10	ug/L
83-32-9	Acenaphthene	40		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	11		1.5	5	10	ug/L
132-64-9	Dibenzofuran	41		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	42		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	42		1.5	2.5	5	ug/L
86-73-7	Fluorene	41		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	44		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	43		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	45		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	48		1.6	2.5	5	ug/L
1912-24-9	Atrazine	19		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	45		3.6	5	10	ug/L
85-01-8	Phenanthrene	45		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	48		1.5	2.5	5	ug/L
120-12-7	Anthracene	44		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	47		1.2	2.5	5	ug/L
86-74-8	Carbazole	45		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	46		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	47		1.7	5	5	ug/L
129-00-0	Pyrene	46		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	48		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.9	J	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	46		1.4	2.5	5	ug/L
218-01-9	Chrysene	45		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49		1.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7MSD			SDG No.:	BM032124
Lab Sample ID:	P1813-09MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044705.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	44		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	44		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	45		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	44		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	40		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.401		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	11.817		20-120		30	SPK: -40
4165-62-2	Phenol-d5	8.987		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.145		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.117		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	19.708		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	37.71		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.347		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.796		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.426		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.838		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	38.684		10-130		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.649		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	38.897		25-125		97	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	42.366		10-130		106	SPK: -40
1719-06-8	Anthracene-d10	42.612		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	44.762		15-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.541		20-130		109	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176388	7.693				
1146-65-2	Naphthalene-d8	721002	10.469				
15067-26-2	Acenaphthene-d10	400652	14.339				
1517-22-2	Phenanthrene-d10	763905	17.092				

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Report of Analysis

Client:				Date Collected:	3/19/2024 12:00:00 AM
Project:				Date Received:	3/19/2024 12:00:00 AM
Client Sample ID:	E0LX7MSD			SDG No.:	BM032124
Lab Sample ID:	P1813-09MSD			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044705.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	634643	21.292				
1520-96-3	Perylene-d12	737979	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX6			SDG No.:	BM032124
Lab Sample ID:	P1813-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	810	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044706.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.6	U	0.6	0.62	2.5	ug/L
100-52-7	Benzaldehyde	3.1	U	3.1	6.2	12	ug/L
110-86-1	Pyridine	1.7	U	1.7	12.3	12	ug/L
108-95-2	Phenol	1.7	U	1.7	6.2	12	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.7	U	1.7	6.2	12	ug/L
95-57-8	2-Chlorophenol	1.6	U	1.6	3.1	6.2	ug/L
95-48-7	2-Methylphenol	1.7	U	1.7	6.2	12	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.7	U	1.7	6.2	12	ug/L
98-86-2	Acetophenone	1.9	U	1.9	6.2	12	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	6.2	12	ug/L
621-64-7	N-Nitroso-di-n-propylamine	2	U	2	3.1	6.2	ug/L
67-72-1	Hexachloroethane	1.4	U	1.4	3.1	6.2	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	3.1	6.2	ug/L
78-59-1	Isophorone	1.7	U	1.7	3.1	6.2	ug/L
88-75-5	2-Nitrophenol	1.7	U	1.7	3.1	6.2	ug/L
105-67-9	2,4-Dimethylphenol	1.2	U	1.2	3.1	6.2	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.9	U	1.9	3.1	6.2	ug/L
120-83-2	2,4-Dichlorophenol	1.9	U	1.9	3.1	6.2	ug/L
91-20-3	Naphthalene	1.6	U	1.6	3.1	6.2	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	3.1	12	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	3.1	6.2	ug/L
105-60-2	Caprolactam	5.6	U	5.6	6.2	12	ug/L
59-50-7	4-Chloro-3-methylphenol	1.7	U	1.7	3.1	6.2	ug/L
90-12-0	1-Methylnaphthalene	1.6	U	1.6	3.1	6.2	ug/L
91-57-6	2-Methylnaphthalene	1.7	U	1.7	3.1	6.2	ug/L
77-47-4	Hexachlorocyclopentadiene	4.1	U	4.1	6.2	12	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	3.1	6.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.9	U	1.9	3.1	6.2	ug/L
92-52-4	1,1-Biphenyl	2.1	U	2.1	3.1	6.2	ug/L
91-58-7	2-Chloronaphthalene	2	U	2	3.1	6.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	3.1	6.2	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX6			SDG No.:	BM032124
Lab Sample ID:	P1813-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	810	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044706.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.9	U	1.9	3.1	6.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	1.4	3.1	6.2	ug/L
208-96-8	Acenaphthylene	1.9	U	1.9	3.1	6.2	ug/L
99-09-2	3-Nitroaniline	1	U	1	6.2	12	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	3.1	6.2	ug/L
51-28-5	2,4-Dinitrophenol	7.3	U	7.3	6.2	12	ug/L
100-02-7	4-Nitrophenol	1.9	U	1.9	6.2	12	ug/L
132-64-9	Dibenzofuran	1.9	U	1.9	3.1	6.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.4	U	1.4	3.1	6.2	ug/L
84-66-2	Diethylphthalate	1.9	U	1.9	3.1	6.2	ug/L
86-73-7	Fluorene	1.9	U	1.9	3.1	6.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2	U	2	3.1	6.2	ug/L
100-01-6	4-Nitroaniline	1.6	U	1.6	6.2	12	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	6.2	12	ug/L
86-30-6	N-Nitrosodiphenylamine	2	U	2	3.1	6.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.2	U	2.2	3.1	6.2	ug/L
101-55-3	4-Bromophenyl-phenylether	1.9	U	1.9	3.1	6.2	ug/L
118-74-1	Hexachlorobenzene	2	U	2	3.1	6.2	ug/L
1912-24-9	Atrazine	2	U	2	6.2	12	ug/L
87-86-5	Pentachlorophenol	4.4	U	4.4	6.2	12	ug/L
85-01-8	Phenanthrene	2	U	2	3.1	6.2	ug/L
608-93-5	Pentachlorobenzene	1.9	U	1.9	3.1	6.2	ug/L
120-12-7	Anthracene	1.7	U	1.7	3.1	6.2	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.5	U	1.5	3.1	6.2	ug/L
86-74-8	Carbazole	2	U	2	6.2	12	ug/L
84-74-2	Di-n-butylphthalate	2.1	U	2.1	3.1	6.2	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	6.2	6.2	ug/L
129-00-0	Pyrene	2.1	U	2.1	3.1	6.2	ug/L
85-68-7	Butylbenzylphthalate	1.9	U	1.9	3.1	6.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	6.2	12	ug/L
56-55-3	Benzo(a)anthracene	1.7	U	1.7	3.1	6.2	ug/L
218-01-9	Chrysene	1.9	U	1.9	3.1	6.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.2	U	2.2	3.1	6.2	ug/L

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX6			SDG No.:	BM032124
Lab Sample ID:	P1813-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	810	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044706.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.7	U	1.7	6.2	12	ug/L
205-99-2	Benzo(b)fluoranthene	2	U	2	3.1	6.2	ug/L
207-08-9	Benzo(k)fluoranthene	2.1	U	2.1	3.1	6.2	ug/L
50-32-8	Benzo(a)pyrene	1.9	U	1.9	3.1	6.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.7	U	1.7	3.1	6.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.7	U	1.7	3.1	6.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.7	U	1.7	3.1	6.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.7	U	1.7	3.1	6.2	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.318		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	11.468		20-120		29	SPK: -40
4165-62-2	Phenol-d5	7.31		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.816		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.407		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	16.55		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	36.841		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.828		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.404		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.399		1-146		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.232		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	38.12		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.197		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	37.84		25-125		95	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.466		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	39.9		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	38.779		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.814		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171956	7.693				
1146-65-2	Naphthalene-d8	698318	10.469				
15067-26-2	Acenaphthene-d10	387920	14.333				
1517-22-2	Phenanthrene-d10	737259	17.092				

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Report of Analysis

Client:				Date Collected:	3/18/2024 12:00:00 AM
Project:				Date Received:	3/18/2024 12:00:00 AM
Client Sample ID:	E0LX6			SDG No.:	BM032124
Lab Sample ID:	P1813-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	810	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044706.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	659631	21.292				
1520-96-3	Perylene-d12	752935	23.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000496-11-7	Indane	2.8	J			8.051	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	4	J			8.781	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	3.8	J			9.863	
000098-54-4	Phenol, p-tert-butyl-	2.6	J			11.822	
000126-73-8	Tributyl phosphate	3.1	J			15.58	
000057-10-3	n-Hexadecanoic acid	3.6	J			18.004	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	2.9	J			19.551	
E966796	Total Alkanes	2.1	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0779			SDG No.:	BM032124
Lab Sample ID:	P1823-01			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
BM044707.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

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
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

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0779			SDG No.:	BM032124
Lab Sample ID:	P1823-01			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
BM044707.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0779			SDG No.:	BM032124
Lab Sample ID:	P1823-01			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
BM044707.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	4.157		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	7.555	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	5.74		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.822		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.532		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	13.556		25-125		34	SPK: -40
4165-60-0	Nitrobenzene-d5	36.356		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.828		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.628		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.869		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.783		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	35.667		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.232		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	36.712		25-125		92	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.698		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	41.717		25-130		104	SPK: -40
1718-52-1	Pyrene-d10	42.796		15-130		107	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.07		20-130		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	181646	7.692				
1146-65-2	Naphthalene-d8	750169	10.469				
15067-26-2	Acenaphthene-d10	437955	14.333				
1517-22-2	Phenanthrene-d10	823016	17.092				

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Report of Analysis

Client:				Date Collected:	3/20/2024 12:00:00 AM
Project:				Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	E0779			SDG No.:	BM032124
Lab Sample ID:	P1823-01			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
BM044707.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	671248	21.291				
1520-96-3	Perylene-d12	803795	23.532				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	3/21/2024 12:00:00 AM
Project:		Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SLCS719	SDG No.:	BM032124
Lab Sample ID:	PB159719BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044708.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

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	29		2.5	5	10	ug/L
110-86-1	Pyridine	27		1.4	10	10	ug/L
108-95-2	Phenol	30		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	30		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	32		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	30		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	30		1.5	5	10	ug/L
106-44-5	4-Methylphenol	30		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	34		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	35		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	33		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		1.5	2.5	5	ug/L
91-20-3	Naphthalene	34		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	19		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	37		1.2	2.5	5	ug/L
105-60-2	Caprolactam	27		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	33		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	33		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	35		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	33		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	33		1.5	2.5	5	ug/L
92-52-4	1,1-Biphenyl	34		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	34		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.2	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SLCS719			SDG No.:	BM032124
Lab Sample ID:	PB159719BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044708.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	32		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	33		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	30		0.84	5	10	ug/L
83-32-9	Acenaphthene	34		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	27		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	31		1.5	5	10	ug/L
132-64-9	Dibenzofuran	33		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	32		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	32		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	35		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	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	38		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	39		1.6	2.5	5	ug/L
1912-24-9	Atrazine	13		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	31		3.6	5	10	ug/L
85-01-8	Phenanthrene	36		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	41		1.5	2.5	5	ug/L
120-12-7	Anthracene	36		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	41		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	36		1.7	5	5	ug/L
129-00-0	Pyrene	35		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	35		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	34		1.4	2.5	5	ug/L
218-01-9	Chrysene	35		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	35		1.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SLCS719			SDG No.:	BM032124
Lab Sample ID:	PB159719BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044708.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	32		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	35		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	34		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	35		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	38		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	39		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	39		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	30		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.148		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	28.763		20-120		72	SPK: -40
4165-62-2	Phenol-d5	30.644		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.196		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.123		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	30.423		25-125		76	SPK: -40
4165-60-0	Nitrobenzene-d5	34.817		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.675		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.101		20-120		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.109		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.078		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	34.254		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.541		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	33.256		25-125		83	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.068		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	36.155		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	35.902		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.583		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162231	7.693				
1146-65-2	Naphthalene-d8	676021	10.469				
15067-26-2	Acenaphthene-d10	385751	14.333				
1517-22-2	Phenanthrene-d10	706051	17.092				

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SLCS719			SDG No.:	BM032124
Lab Sample ID:	PB159719BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044708.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	598620	21.292				
1520-96-3	Perylene-d12	684811	23.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	3/21/2024 12:00:00 AM
Project:		Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SLCS721	SDG No.:	BM032124
Lab Sample ID:	PB159721BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044709.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	26		2.5	5	10	ug/L
110-86-1	Pyridine	24		1.4	10	10	ug/L
108-95-2	Phenol	27		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	30		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	27		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.4	5	10	ug/L
98-86-2	Acetophenone	27		1.5	5	10	ug/L
106-44-5	4-Methylphenol	27		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	27		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	31		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	32		1.4	2.5	5	ug/L
78-59-1	Isophorone	29		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	30		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	29		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.5	2.5	5	ug/L
91-20-3	Naphthalene	31		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	18		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	34		1.2	2.5	5	ug/L
105-60-2	Caprolactam	25		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	29		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	30		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	32		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	31		1.5	2.5	5	ug/L
92-52-4	1,1-Biphenyl	32		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	31		1.2	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SLCS721			SDG No.:	BM032124
Lab Sample ID:	PB159721BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044709.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	30		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	30		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	28		0.84	5	10	ug/L
83-32-9	Acenaphthene	31		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	24		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	28		1.5	5	10	ug/L
132-64-9	Dibenzofuran	31		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	29		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	29		1.5	2.5	5	ug/L
86-73-7	Fluorene	30		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	32		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	34		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	35		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.6	2.5	5	ug/L
1912-24-9	Atrazine	12		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	28		3.6	5	10	ug/L
85-01-8	Phenanthrene	32		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	37		1.5	2.5	5	ug/L
120-12-7	Anthracene	32		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	38		1.2	2.5	5	ug/L
86-74-8	Carbazole	31		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	32		1.7	5	5	ug/L
129-00-0	Pyrene	32		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	30		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	31		1.4	2.5	5	ug/L
218-01-9	Chrysene	31		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	31		1.8	2.5	5	ug/L

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Report of Analysis

Client:		Date Collected:	3/21/2024 12:00:00 AM
Project:		Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SLCS721	SDG No.:	BM032124
Lab Sample ID:	PB159721BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044709.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	28		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	31		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	30		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	35		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	35		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	35		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.501		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	26.15		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.577		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.289		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.89		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	27.024		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	32.503		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.389		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.97		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.928		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.265		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.591		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.642		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	30.693		25-125		77	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.372		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	32.43		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	32.136		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.689		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173168	7.692				
1146-65-2	Naphthalene-d8	712479	10.469				
15067-26-2	Acenaphthene-d10	400359	14.333				
1517-22-2	Phenanthrene-d10	748335	17.092				

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SLCS721			SDG No.:	BM032124
Lab Sample ID:	PB159721BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044709.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	641933	21.292				
1520-96-3	Perylene-d12	737903	23.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK721			SDG No.:	BM032124
Lab Sample ID:	PB159721BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044710.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

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
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

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Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK721			SDG No.:	BM032124
Lab Sample ID:	PB159721BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044710.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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

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Report of Analysis

Client:		Date Collected:	3/21/2024 12:00:00 AM
Project:		Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK721	SDG No.:	BM032124
Lab Sample ID:	PB159721BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044710.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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	5.028		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	25.385		20-120		63	SPK: -40
4165-62-2	Phenol-d5	25.856		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.31		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.169		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	25.175		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	30.023		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.06		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.389		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.889		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.564		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	29.014		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.756		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	28.845		25-125		72	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.186		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	31.35		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	32.292		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.489		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173507	7.693				
1146-65-2	Naphthalene-d8	722408	10.469				
15067-26-2	Acenaphthene-d10	421232	14.333				
1517-22-2	Phenanthrene-d10	773532	17.092				

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	3/21/2024 12:00:00 AM
Project:				Date Received:	3/21/2024 12:00:00 AM
Client Sample ID:	SBLK721			SDG No.:	BM032124
Lab Sample ID:	PB159721BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044710.D	1	3/21/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159721

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	609914	21.286				
1520-96-3	Perylene-d12	736189	23.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM032124

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : E0764									
P1760-01	E0764	Solid	n-Hexadecanoic acid	*	120.000	J			
P1760-01	E0764	Solid	Nonadecyl heptafluorobutyrate	*	84.000	J			
P1760-01	E0764	Solid	Total Alkanes	*	0.000		56	200	ug/Kg
			Total Tics :		**204.00**				
P1760-01	E0764	Solid	Acetophenone		65.000	J	45	390	ug/Kg
			Total Svoc :		**65.00**				
			Total Concentration:		**269.00**				
Client ID : E0765									
P1760-02	E0765	Solid	n-Hexadecanoic acid	*	86.000	J			
P1760-02	E0765	Solid	Total Alkanes	*	0.000		53	190	ug/Kg
			Total Tics :		**86.00**				
P1760-02	E0765	Solid	Acetophenone		46.000	J	42	360	ug/Kg
			Total Svoc :		**46.00**				
			Total Concentration:		**132.00**				
Client ID : E0766									
P1760-03	E0766	Solid	(DEL) Alkane: Cyclic21.021	*	140.000	J			
P1760-03	E0766	Solid	n-Hexadecanoic acid	*	130.000	J			
P1760-03	E0766	Solid	Supraene	*	81.000	J			
P1760-03	E0766	Solid	Total Alkanes	*	140.000		50	180	ug/Kg
			Total Tics :		**491.00**				
			Total Concentration:		**491.00**				
Client ID : E0767									
P1760-04	E0767	Solid	(DEL) Alkane: Straight-Chain21.(	*	120.000	J			
P1760-04	E0767	Solid	n-Hexadecanoic acid	*	120.000	J			
P1760-04	E0767	Solid	Oleic Acid	*	100.000	J			
P1760-04	E0767	Solid	Total Alkanes	*	120.000		49	180	ug/Kg
			Total Tics :		**460.00**				
			Total Concentration:		**460.00**				
Client ID : E0773									
P1760-05	E0773	Solid	(DEL) Alkane: Straight-Chain21.(	*	200.000	J			
P1760-05	E0773	Solid	n-Hexadecanoic acid	*	230.000	J			
P1760-05	E0773	Solid	Total Alkanes	*	200.000		57	200	ug/Kg
			Total Tics :		**630.00**				
P1760-05	E0773	Solid	Fluoranthene		67.000	J	52	200	ug/Kg
P1760-05	E0773	Solid	Pyrene		55.000	J	52	200	ug/Kg
			Total Svoc :		**122.00**				
			Total Concentration:		**752.00**				

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM032124

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : E0LX1									
P1813-01	E0LX1	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : E0LX2									
P1813-02	E0LX2	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID : E0LX3									
P1813-03	E0LX3	Water	(DEL) Alkane: Straight-Chain21.(	*	2.600	J			
P1813-03	E0LX3	Water	n-Hexadecanoic acid	*	4.100	J			
P1813-03	E0LX3	Water	Total Alkanes	*	2.600		2	6	ug/L
			Total Tics :				**9.30**		
			Total Concentration:				**9.30**		
Client ID : E0LX4									
P1813-04	E0LX4	Water	Benzenesulfonamide, N-ethyl-2-m	*	2.400	J			
P1813-04	E0LX4	Water	Total Alkanes	*	0.000		2	5.9	ug/L
			Total Tics :				**2.40**		
			Total Concentration:				**2.40**		
Client ID : E0LX5									
P1813-05	E0LX5	Water	1,3-Methanopentalene, 1,2,3,5-tet	*	2.400	J			
P1813-05	E0LX5	Water	Benzene, 2-ethenyl-1,4-dimethyl-	*	3.000	J			
P1813-05	E0LX5	Water	Benzene, 2-ethyl-1,3-dimethyl-	*	3.100	J			
P1813-05	E0LX5	Water	n-Hexadecanoic acid	*	3.800	J			
P1813-05	E0LX5	Water	Total Alkanes	*	0.000		2	6	ug/L
			Total Tics :				**12.30**		
			Total Concentration:				**12.30**		
Client ID : E0LX6									
P1813-06	E0LX6	Water	Benzene, 2-ethenyl-1,4-dimethyl-	*	3.800	J			
P1813-06	E0LX6	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	4.000	J			
P1813-06	E0LX6	Water	Indane	*	2.800	J			
P1813-06	E0LX6	Water	n-Hexadecanoic acid	*	3.600	J			
P1813-06	E0LX6	Water	Phenol, 4,4-(1-methylethylidene)b	*	2.900	J			
P1813-06	E0LX6	Water	Phenol, p-tert-butyl-	*	2.600	J			
P1813-06	E0LX6	Water	Tributyl phosphate	*	3.100	J			
P1813-06	E0LX6	Water	Total Alkanes	*	0.000		2.1	6.2	ug/L
			Total Tics :				**22.80**		
			Total Concentration:				**22.80**		
Client ID : E0LX7									
P1813-07	E0LX7	Water	2,5-Dimethylphenylacetic acid	*	2.200	J			

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM032124

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
P1813-07	E0LX7	Water	3,5-Dimethylphenylacetic acid	*	2.600	J			
P1813-07	E0LX7	Water	Benzenesulfonamide, N-ethyl-2-m	*	4.300	J			
P1813-07	E0LX7	Water	Benzenesulfonamide, N-ethyl-4-m	*	2.100	J			
P1813-07	E0LX7	Water	Benzoic acid, 2,4,5-trimethyl-	*	2.700	J			
P1813-07	E0LX7	Water	Benzoic acid, 2,6-dimethyl-	*	4.200	J			
P1813-07	E0LX7	Water	endo-Borneol	*	2.900	J			
P1813-07	E0LX7	Water	Indane-5-carboxylic acid	*	2.000	J			
P1813-07	E0LX7	Water	n-Hexadecanoic acid	*	2.800	J			
P1813-07	E0LX7	Water	Phenol, 4,4-(1-methylethylidene)b	*	8.600	J			
P1813-07	E0LX7	Water	Phenol, p-tert-butyl-	*	4.300	J			
P1813-07	E0LX7	Water	Tributyl phosphate	*	2.200	J			
P1813-07	E0LX7	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :			**40.90**			
			Total Concentration:			**40.90**			
Client ID :	**E0779**								
P1823-01	E0779	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :			**0.00**			
			Total Concentration:			**0.00**			

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM030524 SAS No.: BM030524 SDG No.: BM030524

Instrument ID: Calibration Date(s): 3/5/2024 1:

Calibration Time(s): 14:03

LAB FILE ID: RRFAL1 = BM044500.D RRFAL2 = BM044501.D RRFAL3 = BM044502.D
RRFAL4 = BM044503.D RRFAL5 = BM044504.D RRFAL6 = BM044505.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.590	0.599	0.586	0.645	0.632		0.610	4.3
Benzaldehyde		0.974	1.047	1.029	0.784	0.644	0.896	19.5
Pyridine		1.645	1.680	1.906	1.921	1.849	1.800	7.2
Hexachloroethane	0.591	0.621	0.615	0.686	0.680		0.638	6.6
Nitrobenzene	0.365	0.383	0.382	0.432	0.434		0.399	7.9
Isophorone	0.726	0.777	0.791	0.892	0.889		0.815	9.0
2-Nitrophenol	0.170	0.184	0.192	0.220	0.223		0.198	11.7
2,4-Dimethylphenol	0.316	0.342	0.343	0.402	0.397		0.360	10.5
Bis(2-Chloroethoxy)methane	0.485	0.494	0.493	0.549	0.541		0.512	5.9
2,4-Dichlorophenol	0.274	0.293	0.299	0.339	0.337		0.308	9.3
Naphthalene	1.073	1.096	1.092	1.216	1.186		1.133	5.7
4-Chloroaniline		0.466	0.474	0.539	0.534	0.460	0.495	7.8
Hexachlorobutadiene	0.161	0.170	0.169	0.184	0.181		0.173	5.4
Phenol		1.872	1.919	2.231	2.277	2.194	2.099	9.0
Caprolactam		0.104	0.111	0.127	0.130	0.128	0.120	9.6
4-Chloro-3-methylphenol	0.311	0.335	0.348	0.396	0.399		0.358	10.8
1-Methylnaphthalene	0.691	0.724	0.719	0.799	0.783		0.743	6.1
2-Methylnaphthalene	0.691	0.732	0.731	0.812	0.800		0.753	6.8
Hexachlorocyclopentadiene		0.323	0.383	0.400	0.400	0.383	0.378	8.4
2,4,6-Trichlorophenol	0.352	0.370	0.378	0.449	0.446		0.399	11.3
2,4,5-Trichlorophenol	0.375	0.402	0.401	0.478	0.482		0.427	11.5
1,1-Biphenyl	1.519	1.557	1.500	1.711	1.654		1.588	5.7
2-Chloronaphthalene	1.160	1.217	1.188	1.354	1.313		1.246	6.7
2-Nitroaniline	0.332	0.352	0.366	0.446	0.460		0.391	14.8
Bis(2-Chloroethyl)ether		1.602	1.617	1.839	1.811	1.747	1.723	6.3
Dimethylphthalate	1.497	1.573	1.521	1.727	1.664		1.596	6.1
2,6-Dinitrotoluene	0.272	0.293	0.299	0.361	0.370		0.319	13.7
Acenaphthylene	1.936	2.058	2.003	2.288	2.171		2.091	6.7
3-Nitroaniline		0.289	0.326	0.374	0.373	0.360	0.344	10.7
Acenaphthene	1.305	1.354	1.308	1.479	1.428		1.375	5.6
2,4-Dinitrophenol		0.124	0.180	0.220	0.247	0.250	0.204	25.9
4-Nitrophenol		0.183	0.205	0.249	0.259	0.244	0.228	14.3
Dibenzofuran	1.770	1.836	1.751	1.960	1.827		1.829	4.5
2,4-Dinitrotoluene	0.394	0.428	0.444	0.522	0.514		0.460	12.1
Diethylphthalate	1.560	1.619	1.569	1.801	1.736		1.657	6.4
2-Chlorophenol	1.401	1.455	1.506	1.711	1.719		1.559	9.5

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.: BM030524 SAS No.: BM030524 SDG No.: BM030524

Instrument ID: Calibration Date(s): 3/5/2024 1:

Calibration Time(s): 14:03

LAB FILE ID: RRFAL1 = BM044500.D RRFAL2 = BM044501.D RRFAL3 = BM044502.D
RRFAL4 = BM044503.D RRFAL5 = BM044504.D RRFAL6 = BM044505.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.485	1.528	1.440	1.598	1.427		1.496	4.7
4-Chlorophenyl-phenylether	0.696	0.710	0.675	0.738	0.652		0.694	4.7
4-Nitroaniline		0.303	0.335	0.372	0.339	0.296	0.329	9.2
4,6-Dinitro-2-methylphenol		0.111	0.130	0.155	0.156	0.141	0.139	13.5
N-Nitrosodiphenylamine	0.547	0.589	0.587	0.654	0.635		0.602	7.0
1,2,4,5-Tetrachlorobenzene	0.529	0.552	0.537	0.617	0.611		0.569	7.4
4-Bromophenyl-phenylether	0.187	0.190	0.192	0.216	0.215		0.200	7.0
Hexachlorobenzene	0.215	0.221	0.219	0.246	0.239		0.228	6.0
Atrazine		0.197	0.197	0.216	0.200	0.174	0.197	7.6
Pentachlorophenol		0.127	0.139	0.167	0.168	0.151	0.150	11.8
2-Methylphenol		1.401	1.468	1.710	1.719	1.665	1.593	9.3
Phenanthrene	1.067	1.110	1.101	1.224	1.171		1.135	5.5
Pentachlorobenzene	0.242	0.251	0.250	0.279	0.269		0.258	5.9
Anthracene	1.074	1.131	1.121	1.240	1.171		1.147	5.4
1,2,3,4-Tetrachlorobenzene	0.243	0.255	0.257	0.290	0.291		0.267	8.1
Carbazole		1.064	1.065	1.187	1.129	0.947	1.078	8.3
Di-n-butylphthalate	1.401	1.393	1.399	1.565	1.493		1.450	5.3
Fluoranthene	1.369	1.332	1.379	1.594	1.629		1.461	9.5
Pyrene	1.452	1.436	1.441	1.647	1.628		1.521	7.0
Butylbenzylphthalate	0.691	0.679	0.692	0.829	0.848		0.748	11.1
3,3-Dichlorobenzidine		0.463	0.459	0.501	0.419	0.321	0.433	15.9
2,2-oxybis(1-Chloropropane)		2.115	2.154	2.443	2.368	2.297	2.276	6.1
Benzo(a)anthracene	1.403	1.469	1.467	1.615	1.555		1.502	5.5
Chrysene	1.298	1.376	1.354	1.498	1.427		1.391	5.5
Bis(2-ethylhexyl)phthalate	1.123	1.042	1.063	1.168	1.056		1.090	4.9
Di-n-octyl phthalate		1.523	1.662	1.938	2.017	1.810	1.790	11.2
Benzo(b)fluoranthene	1.240	1.295	1.267	1.439	1.450		1.338	7.4
Benzo(k)fluoranthene	1.211	1.207	1.321	1.430	1.385		1.311	7.7
Benzo(a)pyrene	1.163	1.205	1.213	1.363	1.315		1.252	6.7
Indeno(1,2,3-cd)pyrene	1.313	1.397	1.398	1.531	1.382		1.404	5.6
Dibenzo(a,h)anthracene	1.092	1.160	1.170	1.287	1.145		1.171	6.1
Benzo(g,h,i)perylene	1.054	1.117	1.117	1.209	1.106		1.121	5.0
Acetophenone		2.368	2.457	2.761	2.606	2.330	2.505	7.1
2,3,4,6-Tetrachlorophenol	0.325	0.332	0.332	0.390	0.390		0.354	9.3
1,4-Dioxane-d8	0.576	0.589	0.548	0.625	0.610		0.590	5.0
Pyridine-d5		1.519	1.613	1.859	1.869	1.818	1.736	9.2

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.: BM030524 SAS No.: BM030524 SDG No.: BM030524

Instrument ID: Calibration Date(s): 3/5/2024 1:

Calibration Time(s): 14:03

LAB FILE ID: RRFAL1 = BM044500.D RRFAL2 = BM044501.D RRFAL3 = BM044502.D
RRFAL4 = BM044503.D RRFAL5 = BM044504.D RRFAL6 = BM044505.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.796	1.883	2.176	2.219	2.207	2.056	9.8
Bis-(2-Chloroethyl)ether-d8		1.173	1.208	1.358	1.330	1.281	1.270	6.2
2-Chlorophenol-d4	1.334	1.404	1.447	1.675	1.696		1.511	10.9
4-Methylphenol-d8		1.402	1.474	1.738	1.754	1.707	1.615	10.2
Nitrobenzene-d5	0.145	0.157	0.162	0.188	0.190		0.168	11.8
2-Nitrophenol-d4	0.150	0.166	0.175	0.205	0.212		0.182	14.6
2,4-Dichlorophenol-d3	0.269	0.288	0.302	0.341	0.344		0.309	10.6
4-Chloroaniline-d4		0.485	0.487	0.557	0.550	0.487	0.513	7.2
4-Methylphenol		1.538	1.599	1.868	1.865	1.798	1.734	8.9
Dimethylphthalate-d6	1.473	1.526	1.490	1.703	1.652		1.569	6.5
Acenaphthylene-d8	1.625	1.717	1.722	1.976	1.932		1.794	8.4
4-Nitrophenol-d4		0.259	0.295	0.361	0.370	0.341	0.325	14.4
Fluorene-d10	1.251	1.300	1.249	1.430	1.362		1.318	5.9
4,6-Dinitro-2-methylphenol-		0.102	0.119	0.144	0.148	0.136	0.130	14.8
Anthracene-d10	0.890	0.931	0.929	1.041	0.989		0.956	6.2
Pyrene-d10	1.152	1.136	1.170	1.337	1.338		1.227	8.3
Benzo(a)pyrene-d12	0.966	0.999	1.013	1.140	1.138		1.051	7.8
N-Nitroso-di-n-propylamine	1.152	1.245	1.262	1.448	1.364		1.294	8.8

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

EPA Sample No.: SSTD020022 Date Analyzed: Mar 20 2024 12:00AM

Lab File ID: BM044502.D Time Analyzed: 14:17

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	270713	7.734	1.24463e+0(	10.52	775776	14.37
	UPPER LIMIT	541426	8.234	2489260	11.016	1551552	14.868
	LOWER LIMIT	135356.5	7.234	622315	10.016	387888	13.868
	EPA SAMPLE NO.						
01	SBLK667	164847	7.69	635941	10.47	354322 *	14.34
02	E0764	123114 *	7.69	466360 *	10.47	250311 *	14.34
03	E0765	143522	7.69	551475 *	10.47	300049 *	14.34
04	E0766	146682	7.69	563840 *	10.47	307908 *	14.34
05	E0767	145500	7.69	573172 *	10.47	324185 *	14.33
06	E0773	151821	7.69	600877 *	10.47	339546 *	14.34
07	E0773MS	161008	7.69	642661	10.48	358000 *	14.34
08	E0773MSD	142588	7.69	559844 *	10.47	313361 *	14.34
09	SLCS667	162838	7.69	637708	10.47	351562 *	14.34
10	SBLK693	167057	7.69	682364	10.47	394928	14.33
11	SLCS693	152099	7.69	618607 *	10.47	349428 *	14.33
12	E0LX1	169846	7.69	683614	10.47	391754	14.33
13	E0LX2	152838	7.69	613896 *	10.47	343021 *	14.33
14	E0LX3	158721	7.69	630022	10.47	349125 *	14.33
15	E0LX4	158842	7.69	643058	10.47	363610 *	14.33
16	E0LX5	158041	7.69	637173	10.47	355121 *	14.33
17	SBLK719	189413	7.69	775845	10.47	445666	14.34
18	E0LX7	182543	7.69	730618	10.47	411371	14.33
19	E0LX7MS	161827	7.69	657019	10.47	385626 *	14.33
20	E0LX7MSD	176388	7.69	721002	10.47	400652	14.34
21	E0LX6	171956	7.69	698318	10.47	387920	14.33
22	E0779	181646	7.69	750169	10.47	437955	14.33
23	SLCS719	162231	7.69	676021	10.47	385751 *	14.33
24	SLCS721	173168	7.69	712479	10.47	400359	14.33

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

EPA Sample No.: SSTD020022 Date Analyzed: Mar 21 2024 12:00AM

Lab File ID: BM044502.D Time Analyzed: 21:07

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	270713	7.734	1.24463e+0	10.52	775776	14.37
	UPPER LIMIT	541426	8.234	2489260	11.016	1551552	14.868
	LOWER LIMIT	135356.5	7.234	622315	10.016	387888	13.868
	EPA SAMPLE NO.						
25	SBLK721	173507	7.69	722408	10.47	421232	14.33

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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

EPA Sample No.: SSTD020078 Date Analyzed: Mar 20 2024 12:00AM

Lab File ID: BM044681.D Time Analyzed: 14:17

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	177197	7.692	708452	10.48	414452	14.34
	UPPER LIMIT	354394	8.192	1416904	10.975	828904	14.839
	LOWER LIMIT	88598.5	7.192	354226	9.975	207226	13.839
	EPA SAMPLE NO.						
01	SBLK667	164847	7.69	635941	10.47	354322	14.34
02	E0764	123114	7.69	466360	10.47	250311	14.34
03	E0765	143522	7.69	551475	10.47	300049	14.34
04	E0766	146682	7.69	563840	10.47	307908	14.34
05	E0767	145500	7.69	573172	10.47	324185	14.33
06	E0773	151821	7.69	600877	10.47	339546	14.34
07	E0773MS	161008	7.69	642661	10.48	358000	14.34
08	E0773MSD	142588	7.69	559844	10.47	313361	14.34
09	SLCS667	162838	7.69	637708	10.47	351562	14.34

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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

EPA Sample No.: SSTD020080 Date Analyzed: Mar 21 2024 12:00AM

Lab File ID: BM044693.D Time Analyzed: 10:49

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	202178	7.692	837225	10.47	477732	14.33
	UPPER LIMIT	404356	8.192	1674450	10.969	955464	14.833
	LOWER LIMIT	101089	7.192	418612.5	9.969	238866	13.833
	EPA SAMPLE NO.						
01	SBLK693	167057	7.69	682364	10.47	394928	14.33
02	SLCS693	152099	7.69	618607	10.47	349428	14.33
03	E0LX1	169846	7.69	683614	10.47	391754	14.33
04	E0LX2	152838	7.69	613896	10.47	343021	14.33
05	E0LX3	158721	7.69	630022	10.47	349125	14.33
06	E0LX4	158842	7.69	643058	10.47	363610	14.33
07	E0LX5	158041	7.69	637173	10.47	355121	14.33

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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

EPA Sample No.: SSTD020081 Date Analyzed: Mar 21 2024 12:00AM

Lab File ID: BM044701.D Time Analyzed: 16:10

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	197318	7.692	801780	10.47	457952	14.34
	UPPER LIMIT	394636	8.192	1603560	10.969	915904	14.839
	LOWER LIMIT	98659	7.192	400890	9.969	228976	13.839
	EPA SAMPLE NO.						
01	SBLK719	189413	7.69	775845	10.47	445666	14.34
02	E0LX7	182543	7.69	730618	10.47	411371	14.33
03	E0LX7MS	161827	7.69	657019	10.47	385626	14.33
04	E0LX7MSD	176388	7.69	721002	10.47	400652	14.34
05	E0LX6	171956	7.69	698318	10.47	387920	14.33
06	E0779	181646	7.69	750169	10.47	437955	14.33
07	SLCS719	162231	7.69	676021	10.47	385751	14.33
08	SLCS721	173168	7.69	712479	10.47	400359	14.33
09	SBLK721	173507	7.69	722408	10.47	421232	14.33

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

EPA Sample No.: SSTD020022 Date Analyzed: Mar 20 2024 12:00AM

Lab File ID: BM044502.D Time Analyzed: 14:17

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	1.59626e+0(	17.121	1.4675e+0		21.309	1.6044e+00(		23.562
	UPPER LIMIT	3192520	17.621	2935000		21.809	3208800		24.062
	LOWER LIMIT	798130	16.621	733750		20.809	802200		23.062
	EPA SAMPLE NO.								
01	SBLK667	686740	* 17.09	570334	*	21.29	700713	*	23.54
02	E0764	478606	* 17.09	413940	*	21.29	506544	*	23.54
03	E0765	565654	* 17.09	482221	*	21.29	570547	*	23.54
04	E0766	589862	* 17.09	509943	*	21.29	609617	*	23.54
05	E0767	613184	* 17.09	515514	*	21.29	605904	*	23.54
06	E0773	649922	* 17.09	551713	*	21.29	642929	*	23.54
07	E0773MS	667663	* 17.09	571907	*	21.29	647369	*	23.54
08	E0773MSD	589832	* 17.09	528184	*	21.29	597510	*	23.54
09	SLCS667	640678	* 17.09	557957	*	21.29	627540	*	23.54
10	SBLK693	740091	* 17.09	593937	*	21.29	720144	*	23.53
11	SLCS693	644140	* 17.09	560684	*	21.29	637405	*	23.53
12	E0LX1	731013	* 17.09	581113	*	21.29	698283	*	23.53
13	E0LX2	662257	* 17.09	593281	*	21.29	740819	*	23.53
14	E0LX3	648998	* 17.09	538239	*	21.29	642109	*	23.53
15	E0LX4	669499	* 17.09	545615	*	21.29	653147	*	23.53
16	E0LX5	651867	* 17.09	562989	*	21.29	652167	*	23.53
17	SBLK719	823613	17.09	650048	*	21.29	770714	*	23.54
18	E0LX7	783741	* 17.09	693419	*	21.29	797919	*	23.53
19	E0LX7MS	765458	* 17.09	682097	*	21.29	783682	*	23.53
20	E0LX7MSD	763905	* 17.09	634643	*	21.29	737979	*	23.54
21	E0LX6	737259	* 17.09	659631	*	21.29	752935	*	23.53
22	E0779	823016	17.09	671248	*	21.29	803795		23.53

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

EPA Sample No.: SSTD020022 Date Analyzed: Mar 21 2024 12:00AM

Lab File ID: BM044502.D Time Analyzed: 19:54

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #		RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	1.59626e+0(	17.121	1.4675e+0		21.309	1.6044e+00(		23.562
	UPPER LIMIT	3192520	17.621	2935000		21.809	3208800		24.062
	LOWER LIMIT	798130	16.621	733750		20.809	802200		23.062
	EPA SAMPLE NO.								
23	SLCS719	706051 *	17.09	598620	*	21.29	684811	*	23.53
24	SLCS721	748335 *	17.09	641933	*	21.29	737903	*	23.53
25	SBLK721	773532 *	17.09	609914	*	21.29	736189	*	23.53

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

EPA Sample No.: SSTD020078 Date Analyzed: Mar 20 2024 12:00AM

Lab File ID: BM044681.D Time Analyzed: 14:17

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	782171	17.092	698225	21.292	824200	23.538
	UPPER LIMIT	1564342	17.592	1396450	21.792	1648400	24.038
	LOWER LIMIT	391085.5	16.592	349112.5	20.792	412100	23.038
	EPA SAMPLE NO.						
01	SBLK667	686740	17.09	570334	21.29	700713	23.54
02	E0764	478606	17.09	413940	21.29	506544	23.54
03	E0765	565654	17.09	482221	21.29	570547	23.54
04	E0766	589862	17.09	509943	21.29	609617	23.54
05	E0767	613184	17.09	515514	21.29	605904	23.54
06	E0773	649922	17.09	551713	21.29	642929	23.54
07	E0773MS	667663	17.09	571907	21.29	647369	23.54
08	E0773MSD	589832	17.09	528184	21.29	597510	23.54
09	SLCS667	640678	17.09	557957	21.29	627540	23.54

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

EPA Sample No.: SSTD020080 Date Analyzed: Mar 21 2024 12:00AM

Lab File ID: BM044693.D Time Analyzed: 10:49

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	889088	17.092	718456	21.292	800314	23.533
	UPPER LIMIT	1778176	17.592	1436912	21.792	1600628	24.033
	LOWER LIMIT	444544	16.592	359228	20.792	400157	23.033
	EPA SAMPLE NO.						
01	SBLK693	740091	17.09	593937	21.29	720144	23.53
02	SLCS693	644140	17.09	560684	21.29	637405	23.53
03	E0LX1	731013	17.09	581113	21.29	698283	23.53
04	E0LX2	662257	17.09	593281	21.29	740819	23.53
05	E0LX3	648998	17.09	538239	21.29	642109	23.53
06	E0LX4	669499	17.09	545615	21.29	653147	23.53
07	E0LX5	651867	17.09	562989	21.29	652167	23.53

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

EPA Sample No.: SSTD020081 Date Analyzed: Mar 21 2024 12:00AM

Lab File ID: BM044701.D Time Analyzed: 16:10

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	843516	17.092	715921	21.291	822040	23.538
	UPPER LIMIT	1687032	17.592	1431842	21.791	1644080	24.038
	LOWER LIMIT	421758	16.592	357960.5	20.791	411020	23.038
	EPA SAMPLE NO.						
01	SBLK719	823613	17.09	650048	21.29	770714	23.54
02	E0LX7	783741	17.09	693419	21.29	797919	23.53
03	E0LX7MS	765458	17.09	682097	21.29	783682	23.53
04	E0LX7MSD	763905	17.09	634643	21.29	737979	23.54
05	E0LX6	737259	17.09	659631	21.29	752935	23.53
06	E0779	823016	17.09	671248	21.29	803795	23.53
07	SLCS719	706051	17.09	598620	21.29	684811	23.53
08	SLCS721	748335	17.09	641933	21.29	737903	23.53
09	SBLK721	773532	17.09	609914	21.29	736189	23.53

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.

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159667BS	1,4-Dioxane	530	380	ug/Kg	72				0	0	
	Benzaldehyde	1300	910	ug/Kg	70				0	0	
	Pyridine	1300	840	ug/Kg	65				0	0	
	Phenol	1300	880	ug/Kg	68				0	0	
	Bis(2-chloroethyl)ether	1300	890	ug/Kg	68				0	0	
	2-Chlorophenol	1300	940	ug/Kg	72				0	0	
	2-Methylphenol	1300	860	ug/Kg	66				0	0	
	2,2-oxybis(1-Chloropropane)	1300	990	ug/Kg	76				0	0	
	Acetophenone	1300	860	ug/Kg	66				0	0	
	4-Methylphenol	1300	830	ug/Kg	64				0	0	
	N-Nitroso-di-n-propylamine	1300	870	ug/Kg	67				0	0	
	Hexachloroethane	1300	990	ug/Kg	76				0	0	
	Nitrobenzene	1300	1100	ug/Kg	85				0	0	
	Isophorone	1300	950	ug/Kg	73				0	0	
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0	
	2,4-Dimethylphenol	1300	920	ug/Kg	71				0	0	
	Bis(2-chloroethoxy)methane	1300	960	ug/Kg	74				0	0	
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0	
	Naphthalene	1300	1000	ug/Kg	77				0	0	
	4-Chloroaniline	1300	610	ug/Kg	47				0	0	
	Hexachlorobutadiene	1300	1100	ug/Kg	85				0	0	
	Caprolactam	1300	760	ug/Kg	58				0	0	
	4-Chloro-3-methylphenol	1300	900	ug/Kg	69				0	0	
	1-Methylnaphthalene	1300	950	ug/Kg	73				0	0	
	2-Methylnaphthalene	1300	940	ug/Kg	72				0	0	
	Hexachlorocyclopentadiene	1300	990	ug/Kg	76				0	0	
	2,4,6-Trichlorophenol	1300	940	ug/Kg	72				0	0	
	2,4,5-Trichlorophenol	1300	960	ug/Kg	74				0	0	
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0	
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Nitroaniline	1300	990	ug/Kg	76				0	0	
	Dimethylphthalate	1300	940	ug/Kg	72				0	0	
	2,6-Dinitrotoluene	1300	920	ug/Kg	71				0	0	
	Acenaphthylene	1300	1000	ug/Kg	77				0	0	
	3-Nitroaniline	1300	880	ug/Kg	68				0	0	
	Acenaphthene	1300	990	ug/Kg	76				0	0	
	2,4-Dinitrophenol	1300	720	ug/Kg	55				0	0	
	4-Nitrophenol	1300	920	ug/Kg	71				0	0	
	Dibenzofuran	1300	980	ug/Kg	75				0	0	
	2,4-Dinitrotoluene	1300	910	ug/Kg	70				0	0	
	Diethylphthalate	1300	910	ug/Kg	70				0	0	
	Fluorene	1300	980	ug/Kg	75				0	0	
	4-Chlorophenyl-phenylether	1300	1000	ug/Kg	77				0	0	
	4-Nitroaniline	1300	1000	ug/Kg	77				0	0	
	4,6-Dinitro-2-methylphenol	1300	970	ug/Kg	75				0	0	
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159667BS	1,2,4,5-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0	
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0	
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Atrazine	1300	430	ug/Kg	33				0	0	
	Pentachlorophenol	1300	890	ug/Kg	68				0	0	
	Phenanthrene	1300	1000	ug/Kg	77				0	0	
	Pentachlorobenzene	1300	1200	ug/Kg	92				0	0	
	Anthracene	1300	1100	ug/Kg	85				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0	
	Carbazole	1300	1000	ug/Kg	77				0	0	
	Di-n-butylphthalate	1300	960	ug/Kg	74				0	0	
	Fluoranthene	1300	1000	ug/Kg	77				0	0	
	Pyrene	1300	1000	ug/Kg	77				0	0	
	Butylbenzylphthalate	1300	890	ug/Kg	68				0	0	
	3,3'-Dichlorobenzidine	1300	1000	ug/Kg	77				0	0	
	Benzo(a)anthracene	1300	990	ug/Kg	76				0	0	
	Chrysene	1300	1000	ug/Kg	77				0	0	
	Bis(2-ethylhexyl)phthalate	1300	950	ug/Kg	73				0	0	
	Di-n-octylphthalate	1300	860	ug/Kg	66				0	0	
	Benzo(b)fluoranthene	1300	980	ug/Kg	75				0	0	
	Benzo(k)fluoranthene	1300	1000	ug/Kg	77				0	0	
	Benzo(a)pyrene	1300	1000	ug/Kg	77				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0	
	Dibenzo(a,h)anthracene	1300	1200	ug/Kg	92				0	0	
	Benzo(g,h,i)perylene	1300	1200	ug/Kg	92				0	0	
	2,3,4,6-Tetrachlorophenol	1300	860	ug/Kg	66				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159693BS	1,4-Dioxane	16	13	ug/L	81				0	0	
	Benzaldehyde	40	32	ug/L	80				0	0	
	Pyridine	40	29	ug/L	73				0	0	
	Phenol	40	32	ug/L	80				0	0	
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0	
	2-Chlorophenol	40	34	ug/L	85				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	35	ug/L	88				0	0	
	Acetophenone	40	32	ug/L	80				0	0	
	4-Methylphenol	40	30	ug/L	75				0	0	
	N-Nitroso-di-n-propylamine	40	32	ug/L	80				0	0	
	Hexachloroethane	40	35	ug/L	88				0	0	
	Nitrobenzene	40	37	ug/L	93				0	0	
	Isophorone	40	34	ug/L	85				0	0	
	2-Nitrophenol	40	36	ug/L	90				0	0	
	2,4-Dimethylphenol	40	35	ug/L	88				0	0	
	Bis(2-chloroethoxy)methane	40	34	ug/L	85				0	0	
	2,4-Dichlorophenol	40	36	ug/L	90				0	0	
	Naphthalene	40	36	ug/L	90				0	0	
	4-Chloroaniline	40	20	ug/L	50				0	0	
	Hexachlorobutadiene	40	39	ug/L	98				0	0	
	Caprolactam	40	28	ug/L	70				0	0	
	4-Chloro-3-methylphenol	40	33	ug/L	83				0	0	
	1-Methylnaphthalene	40	34	ug/L	85				0	0	
	2-Methylnaphthalene	40	34	ug/L	85				0	0	
	Hexachlorocyclopentadiene	40	37	ug/L	93				0	0	
	2,4,6-Trichlorophenol	40	34	ug/L	85				0	0	
	2,4,5-Trichlorophenol	40	35	ug/L	88				0	0	
	1,1'-Biphenyl	40	36	ug/L	90				0	0	
	2-Chloronaphthalene	40	36	ug/L	90				0	0	
	2-Nitroaniline	40	35	ug/L	88				0	0	
	Dimethylphthalate	40	33	ug/L	83				0	0	
	2,6-Dinitrotoluene	40	33	ug/L	83				0	0	
	Acenaphthylene	40	35	ug/L	88				0	0	
	3-Nitroaniline	40	31	ug/L	78				0	0	
	Acenaphthene	40	35	ug/L	88				0	0	
	2,4-Dinitrophenol	40	28	ug/L	70				0	0	
	4-Nitrophenol	40	33	ug/L	83				0	0	
	Dibenzofuran	40	35	ug/L	88				0	0	
	2,4-Dinitrotoluene	40	33	ug/L	83				0	0	
	Diethylphthalate	40	33	ug/L	83				0	0	
	Fluorene	40	35	ug/L	88				0	0	
	4-Chlorophenyl-phenylether	40	37	ug/L	93				0	0	
	4-Nitroaniline	40	36	ug/L	90				0	0	
	4,6-Dinitro-2-methylphenol	40	35	ug/L	88				0	0	
	N-Nitrosodiphenylamine	40	37	ug/L	93				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159693BS	1,2,4,5-Tetrachlorobenzene	40	38	ug/L	95				0	0	
	4-Bromophenyl-phenylether	40	39	ug/L	98				0	0	
	Hexachlorobenzene	40	39	ug/L	98				0	0	
	Atrazine	40	14	ug/L	35				0	0	
	Pentachlorophenol	40	32	ug/L	80				0	0	
	Phenanthrene	40	36	ug/L	90				0	0	
	Pentachlorobenzene	40	42	ug/L	105				0	0	
	Anthracene	40	37	ug/L	93				0	0	
	1,2,3,4-Tetrachlorobenzene	40	43	ug/L	108				0	0	
	Carbazole	40	35	ug/L	88				0	0	
	Di-n-butylphthalate	40	33	ug/L	83				0	0	
	Fluoranthene	40	36	ug/L	90				0	0	
	Pyrene	40	36	ug/L	90				0	0	
	Butylbenzylphthalate	40	31	ug/L	78				0	0	
	3,3'-Dichlorobenzidine	40	38	ug/L	95				0	0	
	Benzo(a)anthracene	40	36	ug/L	90				0	0	
	Chrysene	40	36	ug/L	90				0	0	
	Bis(2-ethylhexyl)phthalate	40	34	ug/L	85				0	0	
	Di-n-octylphthalate	40	31	ug/L	78				0	0	
	Benzo(b)fluoranthene	40	35	ug/L	88				0	0	
	Benzo(k)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(a)pyrene	40	36	ug/L	90				0	0	
	Indeno(1,2,3-cd)pyrene	40	41	ug/L	103				0	0	
	Dibenzo(a,h)anthracene	40	42	ug/L	105				0	0	
	Benzo(g,h,i)perylene	40	41	ug/L	103				0	0	
	2,3,4,6-Tetrachlorophenol	40	32	ug/L	80				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159719BS	1,4-Dioxane	16	12	ug/L	75				0	0	
	Benzaldehyde	40	29	ug/L	73				0	0	
	Pyridine	40	27	ug/L	68				0	0	
	Phenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethyl)ether	40	30	ug/L	75				0	0	
	2-Chlorophenol	40	32	ug/L	80				0	0	
	2-Methylphenol	40	30	ug/L	75				0	0	
	2,2-oxybis(1-Chloropropane)	40	33	ug/L	83				0	0	
	Acetophenone	40	30	ug/L	75				0	0	
	4-Methylphenol	40	30	ug/L	75				0	0	
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0	
	Hexachloroethane	40	34	ug/L	85				0	0	
	Nitrobenzene	40	35	ug/L	88				0	0	
	Isophorone	40	33	ug/L	83				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	33	ug/L	83				0	0	
	Bis(2-chloroethoxy)methane	40	32	ug/L	80				0	0	
	2,4-Dichlorophenol	40	35	ug/L	88				0	0	
	Naphthalene	40	34	ug/L	85				0	0	
	4-Chloroaniline	40	19	ug/L	48				0	0	
	Hexachlorobutadiene	40	37	ug/L	93				0	0	
	Caprolactam	40	27	ug/L	68				0	0	
	4-Chloro-3-methylphenol	40	32	ug/L	80				0	0	
	1-Methylnaphthalene	40	33	ug/L	83				0	0	
	2-Methylnaphthalene	40	33	ug/L	83				0	0	
	Hexachlorocyclopentadiene	40	35	ug/L	88				0	0	
	2,4,6-Trichlorophenol	40	33	ug/L	83				0	0	
	2,4,5-Trichlorophenol	40	33	ug/L	83				0	0	
	1,1'-Biphenyl	40	34	ug/L	85				0	0	
	2-Chloronaphthalene	40	34	ug/L	85				0	0	
	2-Nitroaniline	40	33	ug/L	83				0	0	
	Dimethylphthalate	40	32	ug/L	80				0	0	
	2,6-Dinitrotoluene	40	33	ug/L	83				0	0	
	Acenaphthylene	40	33	ug/L	83				0	0	
	3-Nitroaniline	40	30	ug/L	75				0	0	
	Acenaphthene	40	34	ug/L	85				0	0	
	2,4-Dinitrophenol	40	27	ug/L	68				0	0	
	4-Nitrophenol	40	31	ug/L	78				0	0	
	Dibenzofuran	40	33	ug/L	83				0	0	
	2,4-Dinitrotoluene	40	32	ug/L	80				0	0	
	Diethylphthalate	40	32	ug/L	80				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	34	ug/L	85				0	0	
	4-Nitroaniline	40	35	ug/L	88				0	0	
	4,6-Dinitro-2-methylphenol	40	34	ug/L	85				0	0	
	N-Nitrosodiphenylamine	40	37	ug/L	93				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159719BS	1,2,4,5-Tetrachlorobenzene	40	36	ug/L	90				0	0	
	4-Bromophenyl-phenylether	40	38	ug/L	95				0	0	
	Hexachlorobenzene	40	39	ug/L	98				0	0	
	Atrazine	40	13	ug/L	33				0	0	
	Pentachlorophenol	40	31	ug/L	78				0	0	
	Phenanthrene	40	36	ug/L	90				0	0	
	Pentachlorobenzene	40	41	ug/L	103				0	0	
	Anthracene	40	36	ug/L	90				0	0	
	1,2,3,4-Tetrachlorobenzene	40	41	ug/L	103				0	0	
	Carbazole	40	35	ug/L	88				0	0	
	Di-n-butylphthalate	40	34	ug/L	85				0	0	
	Fluoranthene	40	36	ug/L	90				0	0	
	Pyrene	40	35	ug/L	88				0	0	
	Butylbenzylphthalate	40	33	ug/L	83				0	0	
	3,3'-Dichlorobenzidine	40	35	ug/L	88				0	0	
	Benzo(a)anthracene	40	34	ug/L	85				0	0	
	Chrysene	40	35	ug/L	88				0	0	
	Bis(2-ethylhexyl)phthalate	40	35	ug/L	88				0	0	
	Di-n-octylphthalate	40	32	ug/L	80				0	0	
	Benzo(b)fluoranthene	40	35	ug/L	88				0	0	
	Benzo(k)fluoranthene	40	34	ug/L	85				0	0	
	Benzo(a)pyrene	40	35	ug/L	88				0	0	
	Indeno(1,2,3-cd)pyrene	40	38	ug/L	95				0	0	
	Dibenzo(a,h)anthracene	40	39	ug/L	98				0	0	
	Benzo(g,h,i)perylene	40	39	ug/L	98				0	0	
	2,3,4,6-Tetrachlorophenol	40	30	ug/L	75				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159721BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	26	ug/L	65				0	0	
	Pyridine	40	24	ug/L	60				0	0	
	Phenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethyl)ether	40	28	ug/L	70				0	0	
	2-Chlorophenol	40	30	ug/L	75				0	0	
	2-Methylphenol	40	27	ug/L	68				0	0	
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				0	0	
	Acetophenone	40	27	ug/L	68				0	0	
	4-Methylphenol	40	27	ug/L	68				0	0	
	N-Nitroso-di-n-propylamine	40	27	ug/L	68				0	0	
	Hexachloroethane	40	31	ug/L	78				0	0	
	Nitrobenzene	40	32	ug/L	80				0	0	
	Isophorone	40	29	ug/L	73				0	0	
	2-Nitrophenol	40	31	ug/L	78				0	0	
	2,4-Dimethylphenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethoxy)methane	40	29	ug/L	73				0	0	
	2,4-Dichlorophenol	40	32	ug/L	80				0	0	
	Naphthalene	40	31	ug/L	78				0	0	
	4-Chloroaniline	40	18	ug/L	45				0	0	
	Hexachlorobutadiene	40	34	ug/L	85				0	0	
	Caprolactam	40	25	ug/L	63				0	0	
	4-Chloro-3-methylphenol	40	29	ug/L	73				0	0	
	1-Methylnaphthalene	40	30	ug/L	75				0	0	
	2-Methylnaphthalene	40	30	ug/L	75				0	0	
	Hexachlorocyclopentadiene	40	32	ug/L	80				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	31	ug/L	78				0	0	
	1,1'-Biphenyl	40	32	ug/L	80				0	0	
	2-Chloronaphthalene	40	32	ug/L	80				0	0	
	2-Nitroaniline	40	31	ug/L	78				0	0	
	Dimethylphthalate	40	30	ug/L	75				0	0	
	2,6-Dinitrotoluene	40	30	ug/L	75				0	0	
	Acenaphthylene	40	31	ug/L	78				0	0	
	3-Nitroaniline	40	28	ug/L	70				0	0	
	Acenaphthene	40	31	ug/L	78				0	0	
	2,4-Dinitrophenol	40	24	ug/L	60				0	0	
	4-Nitrophenol	40	28	ug/L	70				0	0	
	Dibenzofuran	40	31	ug/L	78				0	0	
	2,4-Dinitrotoluene	40	29	ug/L	73				0	0	
	Diethylphthalate	40	29	ug/L	73				0	0	
	Fluorene	40	30	ug/L	75				0	0	
	4-Chlorophenyl-phenylether	40	31	ug/L	78				0	0	
	4-Nitroaniline	40	32	ug/L	80				0	0	
	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0	
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159721BS	1,2,4,5-Tetrachlorobenzene	40	34	ug/L	85				0	0	
	4-Bromophenyl-phenylether	40	35	ug/L	88				0	0	
	Hexachlorobenzene	40	34	ug/L	85				0	0	
	Atrazine	40	12	ug/L	30				0	0	
	Pentachlorophenol	40	28	ug/L	70				0	0	
	Phenanthrene	40	32	ug/L	80				0	0	
	Pentachlorobenzene	40	37	ug/L	93				0	0	
	Anthracene	40	32	ug/L	80				0	0	
	1,2,3,4-Tetrachlorobenzene	40	38	ug/L	95				0	0	
	Carbazole	40	31	ug/L	78				0	0	
	Di-n-butylphthalate	40	30	ug/L	75				0	0	
	Fluoranthene	40	32	ug/L	80				0	0	
	Pyrene	40	32	ug/L	80				0	0	
	Butylbenzylphthalate	40	30	ug/L	75				0	0	
	3,3'-Dichlorobenzidine	40	32	ug/L	80				0	0	
	Benzo(a)anthracene	40	31	ug/L	78				0	0	
	Chrysene	40	31	ug/L	78				0	0	
	Bis(2-ethylhexyl)phthalate	40	31	ug/L	78				0	0	
	Di-n-octylphthalate	40	28	ug/L	70				0	0	
	Benzo(b)fluoranthene	40	31	ug/L	78				0	0	
	Benzo(k)fluoranthene	40	30	ug/L	75				0	0	
	Benzo(a)pyrene	40	31	ug/L	78				0	0	
	Indeno(1,2,3-cd)pyrene	40	35	ug/L	88				0	0	
	Dibenzo(a,h)anthracene	40	35	ug/L	88				0	0	
	Benzo(g,h,i)perylene	40	35	ug/L	88				0	0	
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0	

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK667

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

Lab File ID: BM044682.D Lab Sample ID: PB159667BL

Instrument ID: BNA_M Date Extracted: 03/19/2024

Matrix: (soil/water) Solid Date Analyzed: 03/20/2024

Level: (low/med) LOW Time Analyzed: 14:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0764	P1760-01	BM044683.D	03/20/2024
E0765	P1760-02	BM044684.D	03/20/2024
E0766	P1760-03	BM044685.D	03/20/2024
E0767	P1760-04	BM044686.D	03/20/2024
E0773	P1760-05	BM044687.D	03/20/2024
E0773MS	P1760-06MS	BM044688.D	03/20/2024
E0773MSD	P1760-07MSD	BM044689.D	03/20/2024
PB159667BS	PB159667BS	BM044690.D	03/20/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK693

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

Lab File ID: BM044694.D Lab Sample ID: PB159693BL

Instrument ID: BNA_M Date Extracted: 03/20/2024

Matrix: (soil/water) Water Date Analyzed: 03/21/2024

Level: (low/med) LOW Time Analyzed: 10:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159693BS	PB159693BS	BM044695.D	03/21/2024
E0LX1	P1813-01	BM044696.D	03/21/2024
E0LX2	P1813-02	BM044697.D	03/21/2024
E0LX3	P1813-03	BM044698.D	03/21/2024
E0LX4	P1813-04	BM044699.D	03/21/2024
E0LX5	P1813-05	BM044700.D	03/21/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK719

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

Lab File ID: BM044702.D Lab Sample ID: PB159719BL

Instrument ID: BNA_M Date Extracted: 03/21/2024

Matrix: (soil/water) Water Date Analyzed: 03/21/2024

Level: (low/med) LOW Time Analyzed: 16:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0LX7	P1813-07	BM044703.D	03/21/2024
E0LX7MS	P1813-08MS	BM044704.D	03/21/2024
E0LX7MSD	P1813-09MSD	BM044705.D	03/21/2024
PB159719BS	PB159719BS	BM044708.D	03/21/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK721

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM032124 SAS No.: BM032124 SDG NO.: BM032124

Lab File ID: BM044710.D Lab Sample ID: PB159721BL

Instrument ID: BNA_M Date Extracted: 03/21/2024

Matrix: (soil/water) Water Date Analyzed: 03/21/2024

Level: (low/med) LOW Time Analyzed: 21:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159721BS	PB159721BS	BM044709.D	03/21/2024
E0LX6	P1813-06	BM044706.D	03/21/2024
E0779	P1823-01	BM044707.D	03/21/2024

COMMENTS:

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P1760-06MS		**Client Sample ID: E0773MS**						**DataFile:**	**BM044688.D**		
1,4-Dioxane	630		620	ug/Kg	98				15	120	
Benzaldehyde	1600		1500	ug/Kg	94				0	0	
Pyridine	1600		1400	ug/Kg	88				0	0	
Phenol	1600		1500	ug/Kg	94	*			26	90	
Bis(2-chloroethyl)ether	1600		1500	ug/Kg	94				0	0	
2-Chlorophenol	1600		1600	ug/Kg	100				25	102	
2-Methylphenol	1600		1400	ug/Kg	88				0	0	
2,2-oxybis(1-Chloropropane)	1600		1700	ug/Kg	106				0	0	
Acetophenone	1600		1500	ug/Kg	94				0	0	
4-Methylphenol	1600		1400	ug/Kg	88				0	0	
N-Nitroso-di-n-propylamine	1600		1500	ug/Kg	94				41	126	
Hexachloroethane	1600		1700	ug/Kg	106				0	0	
Nitrobenzene	1600		1800	ug/Kg	113				0	0	
Isophorone	1600		1600	ug/Kg	100				0	0	
2-Nitrophenol	1600		1700	ug/Kg	106				0	0	
2,4-Dimethylphenol	1600		1400	ug/Kg	88				0	0	
Bis(2-chloroethoxy)methane	1600		1600	ug/Kg	100				0	0	
2,4-Dichlorophenol	1600		1700	ug/Kg	106				0	0	
Naphthalene	1600		1700	ug/Kg	106				0	0	
4-Chloroaniline	1600		940	ug/Kg	59				0	0	
Hexachlorobutadiene	1600		1900	ug/Kg	119				0	0	
Caprolactam	1600		1400	ug/Kg	88				0	0	
4-Chloro-3-methylphenol	1600		1600	ug/Kg	100				26	103	
1-Methylnaphthalene	1600		1600	ug/Kg	100				0	0	
2-Methylnaphthalene	1600		1600	ug/Kg	100				0	0	
Hexachlorocyclopentadiene	1600		1700	ug/Kg	106				0	0	
2,4,6-Trichlorophenol	1600		1600	ug/Kg	100				0	0	
2,4,5-Trichlorophenol	1600		1700	ug/Kg	106				0	0	
1,1'-Biphenyl	1600		1700	ug/Kg	106				0	0	
2-Chloronaphthalene	1600		1700	ug/Kg	106				0	0	
2-Nitroaniline	1600		1700	ug/Kg	106				0	0	
Dimethylphthalate	1600		1600	ug/Kg	100				0	0	
2,6-Dinitrotoluene	1600		1600	ug/Kg	100				0	0	
Acenaphthylene	1600		1700	ug/Kg	106				0	0	
3-Nitroaniline	1600		1500	ug/Kg	94				0	0	
Acenaphthene	1600		1700	ug/Kg	106				31	137	
2,4-Dinitrophenol	1600		1400	ug/Kg	88				0	0	
4-Nitrophenol	1600		1600	ug/Kg	100				11	114	
Dibenzofuran	1600		1700	ug/Kg	106				0	0	
2,4-Dinitrotoluene	1600		1600	ug/Kg	100	*			28	89	
Diethylphthalate	1600		1600	ug/Kg	100				0	0	
Fluorene	1600		1700	ug/Kg	106				0	0	
4-Chlorophenyl-phenylether	1600		1800	ug/Kg	113				0	0	
4-Nitroaniline	1600		1800	ug/Kg	113				0	0	
4,6-Dinitro-2-methylphenol	1600		1600	ug/Kg	100				0	0	
N-Nitrosodiphenylamine	1600		1800	ug/Kg	113				0	0	
1,2,4,5-Tetrachlorobenzene	1600		1800	ug/Kg	113				0	0	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4-Bromophenyl-phenylether	1600		1900	ug/Kg	119				0	0	
Hexachlorobenzene	1600		1900	ug/Kg	119				0	0	
Atrazine	1600		740	ug/Kg	46				0	0	
Pentachlorophenol	1600		1600	ug/Kg	100				17	109	
Phenanthrene	1600		1800	ug/Kg	113				0	0	
Pentachlorobenzene	1600		2000	ug/Kg	125				0	0	
Anthracene	1600		1700	ug/Kg	106				0	0	
1,2,3,4-Tetrachlorobenzene	1600		2100	ug/Kg	131				0	0	
Carbazole	1600		1700	ug/Kg	106				0	0	
Di-n-butylphthalate	1600		1700	ug/Kg	106				0	0	
Fluoranthene	1600	67	1800	ug/Kg	108				0	0	
Pyrene	1600	55	1800	ug/Kg	109				35	142	
Butylbenzylphthalate	1600		1600	ug/Kg	100				0	0	
3,3'-Dichlorobenzidine	1600		1500	ug/Kg	94				0	0	
Benzo(a)anthracene	1600		1700	ug/Kg	106				0	0	
Chrysene	1600		1700	ug/Kg	106				0	0	
Bis(2-ethylhexyl)phthalate	1600		1700	ug/Kg	106				0	0	
Di-n-octylphthalate	1600		1500	ug/Kg	94				0	0	
Benzo(b)fluoranthene	1600		1700	ug/Kg	106				0	0	
Benzo(k)fluoranthene	1600		1700	ug/Kg	106				0	0	
Benzo(a)pyrene	1600		1700	ug/Kg	106				0	0	
Indeno(1,2,3-cd)pyrene	1600		1900	ug/Kg	119				0	0	
Dibenzo(a,h)anthracene	1600		1900	ug/Kg	119				0	0	
Benzo(g,h,i)perylene	1600		2000	ug/Kg	125				0	0	
2,3,4,6-Tetrachlorophenol	1600		1500	ug/Kg	94				0	0	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: P1760-07MSD		**Client Sample ID: E0773MSD**						**DataFile:**	**BM044689.D**		
1,4-Dioxane	630		650	ug/Kg	103		5		15	120	50
Benzaldehyde	1600		1600	ug/Kg	100		6	*	0	0	0
Pyridine	1600		1500	ug/Kg	94		7	*	0	0	0
Phenol	1600		1600	ug/Kg	100	*	6		26	90	35
Bis(2-chloroethyl)ether	1600		1600	ug/Kg	100		6	*	0	0	0
2-Chlorophenol	1600		1600	ug/Kg	100		0		25	102	50
2-Methylphenol	1600		1500	ug/Kg	94		7	*	0	0	0
2,2-oxybis(1-Chloropropane)	1600		1700	ug/Kg	106		0		0	0	0
Acetophenone	1600		1500	ug/Kg	94		0		0	0	0
4-Methylphenol	1600		1500	ug/Kg	94		7	*	0	0	0
N-Nitroso-di-n-propylamine	1600		1500	ug/Kg	94		0		41	126	38
Hexachloroethane	1600		1700	ug/Kg	106		0		0	0	0
Nitrobenzene	1600		1900	ug/Kg	119		5	*	0	0	0
Isophorone	1600		1700	ug/Kg	106		6	*	0	0	0
2-Nitrophenol	1600		1800	ug/Kg	113		6	*	0	0	0
2,4-Dimethylphenol	1600		1400	ug/Kg	88		0		0	0	0
Bis(2-chloroethoxy)methane	1600		1700	ug/Kg	106		6	*	0	0	0
2,4-Dichlorophenol	1600		1800	ug/Kg	113		6	*	0	0	0
Naphthalene	1600		1800	ug/Kg	113		6	*	0	0	0
4-Chloroaniline	1600		1000	ug/Kg	63		7	*	0	0	0
Hexachlorobutadiene	1600		2000	ug/Kg	125		5	*	0	0	0
Caprolactam	1600		1500	ug/Kg	94		7	*	0	0	0
4-Chloro-3-methylphenol	1600		1600	ug/Kg	100		0		26	103	33
1-Methylnaphthalene	1600		1700	ug/Kg	106		6	*	0	0	0
2-Methylnaphthalene	1600		1700	ug/Kg	106		6	*	0	0	0
Hexachlorocyclopentadiene	1600		1700	ug/Kg	106		0		0	0	0
2,4,6-Trichlorophenol	1600		1700	ug/Kg	106		6	*	0	0	0
2,4,5-Trichlorophenol	1600		1800	ug/Kg	113		6	*	0	0	0
1,1'-Biphenyl	1600		1800	ug/Kg	113		6	*	0	0	0
2-Chloronaphthalene	1600		1800	ug/Kg	113		6	*	0	0	0
2-Nitroaniline	1600		1800	ug/Kg	113		6	*	0	0	0
Dimethylphthalate	1600		1700	ug/Kg	106		6	*	0	0	0
2,6-Dinitrotoluene	1600		1700	ug/Kg	106		6	*	0	0	0
Acenaphthylene	1600		1800	ug/Kg	113		6	*	0	0	0
3-Nitroaniline	1600		1600	ug/Kg	100		6	*	0	0	0
Acenaphthene	1600		1800	ug/Kg	113		6		31	137	19
2,4-Dinitrophenol	1600		1500	ug/Kg	94		7	*	0	0	0
4-Nitrophenol	1600		1800	ug/Kg	113		12		11	114	50
Dibenzofuran	1600		1800	ug/Kg	113		6	*	0	0	0
2,4-Dinitrotoluene	1600		1700	ug/Kg	106	*	6		28	89	47
Diethylphthalate	1600		1700	ug/Kg	106		6	*	0	0	0
Fluorene	1600		1800	ug/Kg	113		6	*	0	0	0
4-Chlorophenyl-phenylether	1600		1800	ug/Kg	113		0		0	0	0
4-Nitroaniline	1600		1900	ug/Kg	119		5	*	0	0	0
4,6-Dinitro-2-methylphenol	1600		1700	ug/Kg	106		6	*	0	0	0
N-Nitrosodiphenylamine	1600		1900	ug/Kg	119		5	*	0	0	0
1,2,4,5-Tetrachlorobenzene	1600		1900	ug/Kg	119		5	*	0	0	0

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4-Bromophenyl-phenylether	1600		2000	ug/Kg	125		5	*	0	0	0
Hexachlorobenzene	1600		2000	ug/Kg	125		5	*	0	0	0
Atrazine	1600		780	ug/Kg	49		6	*	0	0	0
Pentachlorophenol	1600		1600	ug/Kg	100		0		17	109	47
Phenanthrene	1600		1900	ug/Kg	119		5	*	0	0	0
Pentachlorobenzene	1600		2100	ug/Kg	131		5	*	0	0	0
Anthracene	1600		1800	ug/Kg	113		6	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1600		2100	ug/Kg	131		0		0	0	0
Carbazole	1600		1800	ug/Kg	113		6	*	0	0	0
Di-n-butylphthalate	1600		1800	ug/Kg	113		6	*	0	0	0
Fluoranthene	1600		1900	ug/Kg	119		10	*	0	0	0
Pyrene	1600		1900	ug/Kg	119		9		35	142	36
Butylbenzylphthalate	1600		1700	ug/Kg	106		6	*	0	0	0
3,3'-Dichlorobenzidine	1600		1600	ug/Kg	100		6	*	0	0	0
Benzo(a)anthracene	1600		1800	ug/Kg	113		6	*	0	0	0
Chrysene	1600		1800	ug/Kg	113		6	*	0	0	0
Bis(2-ethylhexyl)phthalate	1600		1700	ug/Kg	106		0		0	0	0
Di-n-octylphthalate	1600		1600	ug/Kg	100		6	*	0	0	0
Benzo(b)fluoranthene	1600		1800	ug/Kg	113		6	*	0	0	0
Benzo(k)fluoranthene	1600		1800	ug/Kg	113		6	*	0	0	0
Benzo(a)pyrene	1600		1800	ug/Kg	113		6	*	0	0	0
Indeno(1,2,3-cd)pyrene	1600		2000	ug/Kg	125		5	*	0	0	0
Dibenzo(a,h)anthracene	1600		2100	ug/Kg	131		10	*	0	0	0
Benzo(g,h,i)perylene	1600		2000	ug/Kg	125		0		0	0	0
2,3,4,6-Tetrachlorophenol	1600		1600	ug/Kg	100		6	*	0	0	0

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P1813-08MS		**Client Sample ID:**	**E0LX7MS**					**DataFile:**	**BM044704.D**		
1,4-Dioxane	16.2		5.8	ug/L	36				15	120	
Benzaldehyde	40.4		35	ug/L	87				0	0	
Pyridine	40.4		15	ug/L	37				0	0	
Phenol	40.4		10	ug/L	25				12	110	
Bis(2-chloroethyl)ether	40.4		34	ug/L	84				0	0	
2-Chlorophenol	40.4		29	ug/L	72				27	123	
2-Methylphenol	40.4		25	ug/L	62				0	0	
2,2-oxybis(1-Chloropropane)	40.4		37	ug/L	92				0	0	
Acetophenone	40.4		34	ug/L	84				0	0	
4-Methylphenol	40.4		21	ug/L	52				0	0	
N-Nitroso-di-n-propylamine	40.4		35	ug/L	87				41	116	
Hexachloroethane	40.4		36	ug/L	89				0	0	
Nitrobenzene	40.4		41	ug/L	101				0	0	
Isophorone	40.4		39	ug/L	97				0	0	
2-Nitrophenol	40.4		37	ug/L	92				0	0	
2,4-Dimethylphenol	40.4		38	ug/L	94				0	0	
Bis(2-chloroethoxy)methane	40.4		38	ug/L	94				0	0	
2,4-Dichlorophenol	40.4		38	ug/L	94				0	0	
Naphthalene	40.4		39	ug/L	97				0	0	
4-Chloroaniline	40.4		25	ug/L	62				0	0	
Hexachlorobutadiene	40.4		41	ug/L	101				0	0	
Caprolactam	40.4		6.8	ug/L	17				0	0	
4-Chloro-3-methylphenol	40.4		35	ug/L	87				23	97	
1-Methylnaphthalene	40.4		39	ug/L	97				0	0	
2-Methylnaphthalene	40.4		39	ug/L	97				0	0	
Hexachlorocyclopentadiene	40.4		34	ug/L	84				0	0	
2,4,6-Trichlorophenol	40.4		39	ug/L	97				0	0	
2,4,5-Trichlorophenol	40.4		40	ug/L	99				0	0	
1,1'-Biphenyl	40.4		41	ug/L	101				0	0	
2-Chloronaphthalene	40.4		41	ug/L	101				0	0	
2-Nitroaniline	40.4		47	ug/L	116				0	0	
Dimethylphthalate	40.4		42	ug/L	104				0	0	
2,6-Dinitrotoluene	40.4		44	ug/L	109				0	0	
Acenaphthylene	40.4		41	ug/L	101				0	0	
3-Nitroaniline	40.4		39	ug/L	97				0	0	
Acenaphthene	40.4		42	ug/L	104				46	118	
2,4-Dinitrophenol	40.4		38	ug/L	94				0	0	
4-Nitrophenol	40.4		12	ug/L	30				10	80	
Dibenzofuran	40.4		42	ug/L	104				0	0	
2,4-Dinitrotoluene	40.4		43	ug/L	106	*			24	96	
Diethylphthalate	40.4		42	ug/L	104				0	0	
Fluorene	40.4		43	ug/L	106				0	0	
4-Chlorophenyl-phenylether	40.4		44	ug/L	109				0	0	
4-Nitroaniline	40.4		46	ug/L	114				0	0	
4,6-Dinitro-2-methylphenol	40.4		42	ug/L	104				0	0	
N-Nitrosodiphenylamine	40.4		44	ug/L	109				0	0	
1,2,4,5-Tetrachlorobenzene	40.4		41	ug/L	101				0	0	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4-Bromophenyl-phenylether	40.4		47	ug/L	116				0	0	
Hexachlorobenzene	40.4		47	ug/L	116				0	0	
Atrazine	40.4		19	ug/L	47				0	0	
Pentachlorophenol	40.4		44	ug/L	109	*			9	103	
Phenanthrene	40.4		45	ug/L	111				0	0	
Pentachlorobenzene	40.4		46	ug/L	114				0	0	
Anthracene	40.4		45	ug/L	111				0	0	
1,2,3,4-Tetrachlorobenzene	40.4		44	ug/L	109				0	0	
Carbazole	40.4		46	ug/L	114				0	0	
Di-n-butylphthalate	40.4		45	ug/L	111				0	0	
Fluoranthene	40.4		45	ug/L	111				0	0	
Pyrene	40.4		44	ug/L	109				26	127	
Butylbenzylphthalate	40.4		45	ug/L	111				0	0	
3,3'-Dichlorobenzidine	40.4		3.3	ug/L	8				0	0	
Benzo(a)anthracene	40.4		44	ug/L	109				0	0	
Chrysene	40.4		44	ug/L	109				0	0	
Bis(2-ethylhexyl)phthalate	40.4		46	ug/L	114				0	0	
Di-n-octylphthalate	40.4		42	ug/L	104				0	0	
Benzo(b)fluoranthene	40.4		43	ug/L	106				0	0	
Benzo(k)fluoranthene	40.4		43	ug/L	106				0	0	
Benzo(a)pyrene	40.4		44	ug/L	109				0	0	
Indeno(1,2,3-cd)pyrene	40.4		49	ug/L	121				0	0	
Dibenzo(a,h)anthracene	40.4		49	ug/L	121				0	0	
Benzo(g,h,i)perylene	40.4		49	ug/L	121				0	0	
2,3,4,6-Tetrachlorophenol	40.4		40	ug/L	99				0	0	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: P1813-09MSD		**Client Sample ID: E0LX7MSD**						**DataFile: BM044705.D**			
1,4-Dioxane	16		5.8	ug/L	36		0		15	120	50
Benzaldehyde	40		35	ug/L	88		1	*	0	0	0
Pyridine	40		15	ug/L	38		3	*	0	0	0
Phenol	40		10	ug/L	25		0		12	110	42
Bis(2-chloroethyl)ether	40		34	ug/L	85		1	*	0	0	0
2-Chlorophenol	40		29	ug/L	73		1		27	123	40
2-Methylphenol	40		24	ug/L	60		3	*	0	0	0
2,2-oxybis(1-Chloropropane)	40		38	ug/L	95		3	*	0	0	0
Acetophenone	40		34	ug/L	85		1	*	0	0	0
4-Methylphenol	40		21	ug/L	52		0		0	0	0
N-Nitroso-di-n-propylamine	40		34	ug/L	85		2		41	116	38
Hexachloroethane	40		36	ug/L	90		1	*	0	0	0
Nitrobenzene	40		40	ug/L	100		1	*	0	0	0
Isophorone	40		38	ug/L	95		2	*	0	0	0
2-Nitrophenol	40		36	ug/L	90		2	*	0	0	0
2,4-Dimethylphenol	40		36	ug/L	90		4	*	0	0	0
Bis(2-chloroethoxy)methane	40		37	ug/L	93		1	*	0	0	0
2,4-Dichlorophenol	40		37	ug/L	93		1	*	0	0	0
Naphthalene	40		38	ug/L	95		2	*	0	0	0
4-Chloroaniline	40		24	ug/L	60		3	*	0	0	0
Hexachlorobutadiene	40		41	ug/L	103		2	*	0	0	0
Caprolactam	40		6.5	ug/L	16		6	*	0	0	0
4-Chloro-3-methylphenol	40		35	ug/L	88		1		23	97	42
1-Methylnaphthalene	40		38	ug/L	95		2	*	0	0	0
2-Methylnaphthalene	40		37	ug/L	93		4	*	0	0	0
Hexachlorocyclopentadiene	40		36	ug/L	90		7	*	0	0	0
2,4,6-Trichlorophenol	40		40	ug/L	100		3	*	0	0	0
2,4,5-Trichlorophenol	40		41	ug/L	103		4	*	0	0	0
1,1'-Biphenyl	40		41	ug/L	103		2	*	0	0	0
2-Chloronaphthalene	40		41	ug/L	103		2	*	0	0	0
2-Nitroaniline	40		46	ug/L	115		1	*	0	0	0
Dimethylphthalate	40		41	ug/L	103		1	*	0	0	0
2,6-Dinitrotoluene	40		44	ug/L	110		1	*	0	0	0
Acenaphthylene	40		40	ug/L	100		1	*	0	0	0
3-Nitroaniline	40		39	ug/L	98		1	*	0	0	0
Acenaphthene	40		40	ug/L	100		4		46	118	31
2,4-Dinitrophenol	40		39	ug/L	98		4	*	0	0	0
4-Nitrophenol	40		11	ug/L	28		7		10	80	50
Dibenzofuran	40		41	ug/L	103		1	*	0	0	0
2,4-Dinitrotoluene	40		42	ug/L	105	*	1		24	96	38
Diethylphthalate	40		42	ug/L	105		1	*	0	0	0
Fluorene	40		41	ug/L	103		3	*	0	0	0
4-Chlorophenyl-phenylether	40		42	ug/L	105		4	*	0	0	0
4-Nitroaniline	40		44	ug/L	110		4	*	0	0	0
4,6-Dinitro-2-methylphenol	40		43	ug/L	108		4	*	0	0	0
N-Nitrosodiphenylamine	40		45	ug/L	113		4	*	0	0	0
1,2,4,5-Tetrachlorobenzene	40		42	ug/L	105		4	*	0	0	0

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4-Bromophenyl-phenylether	40		48	ug/L	120		3	*	0	0	0
Hexachlorobenzene	40		48	ug/L	120		3	*	0	0	0
Atrazine	40		19	ug/L	48		2	*	0	0	0
Pentachlorophenol	40		45	ug/L	113	*	4		9	103	50
Phenanthrene	40		45	ug/L	113		2	*	0	0	0
Pentachlorobenzene	40		48	ug/L	120		5	*	0	0	0
Anthracene	40		44	ug/L	110		1	*	0	0	0
1,2,3,4-Tetrachlorobenzene	40		47	ug/L	117		7	*	0	0	0
Carbazole	40		45	ug/L	113		1	*	0	0	0
Di-n-butylphthalate	40		46	ug/L	115		4	*	0	0	0
Fluoranthene	40		47	ug/L	117		5	*	0	0	0
Pyrene	40		46	ug/L	115		5		26	127	31
Butylbenzylphthalate	40		48	ug/L	120		8	*	0	0	0
3,3'-Dichlorobenzidine	40		3.9	ug/L	10		22	*	0	0	0
Benzo(a)anthracene	40		46	ug/L	115		5	*	0	0	0
Chrysene	40		45	ug/L	113		4	*	0	0	0
Bis(2-ethylhexyl)phthalate	40		49	ug/L	123		8	*	0	0	0
Di-n-octylphthalate	40		44	ug/L	110		6	*	0	0	0
Benzo(b)fluoranthene	40		44	ug/L	110		4	*	0	0	0
Benzo(k)fluoranthene	40		45	ug/L	113		6	*	0	0	0
Benzo(a)pyrene	40		44	ug/L	110		1	*	0	0	0
Indeno(1,2,3-cd)pyrene	40		49	ug/L	123		2	*	0	0	0
Dibenzo(a,h)anthracene	40		50	ug/L	125		3	*	0	0	0
Benzo(g,h,i)perylene	40		51	ug/L	128		6	*	0	0	0
2,3,4,6-Tetrachlorophenol	40		40	ug/L	100		1	*	0	0	0

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1760-01	E0764	BM044683.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Pyridine-d5	40	7.52	19	*	20	120
			Phenol-d5	40	17.06	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.98	47		10	150
			2-Chlorophenol-d4	40	18.46	46		15	120
			4-Methylphenol-d8	40	15.18	38		10	140
			Nitrobenzene-d5	40	20.21	51		10	135
			2-Nitrophenol-d4	40	18.81	47		10	120
			2,4-Dichlorophenol-d3	40	19.08	48		10	140
			4-Chloroaniline-d4	40	12.34	31		1	145
			Dimethylphthalate-d6	40	19.69	49		10	145
			Acenaphthylene-d8	40	19.96	50		15	120
			4-Nitrophenol-d4	40	11.78	29		10	150
			Fluorene-d10	40	21.10	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.05	25		10	130
			Anthracene-d10	40	21.11	53		10	150
			Pyrene-d10	40	22.85	57		10	130
			Benzo(a)pyrene-d12	40	22.50	56		10	140
P1760-02	E0765	BM044684.D	1,4-Dioxane-d8	8	3.33	42		15	120
			Pyridine-d5	40	8.92	22		20	120
			Phenol-d5	40	16.45	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.12	45		10	150
			2-Chlorophenol-d4	40	17.93	45		15	120
			4-Methylphenol-d8	40	15.22	38		10	140
			Nitrobenzene-d5	40	19.52	49		10	135
			2-Nitrophenol-d4	40	18.54	46		10	120
			2,4-Dichlorophenol-d3	40	18.11	45		10	140
			4-Chloroaniline-d4	40	12.24	31		1	145
			Dimethylphthalate-d6	40	18.68	47		10	145
			Acenaphthylene-d8	40	19.08	48		15	120
			4-Nitrophenol-d4	40	10.99	27		10	150
			Fluorene-d10	40	19.54	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.32	23		10	130
			Anthracene-d10	40	20.07	50		10	150
			Pyrene-d10	40	21.50	54		10	130
			Benzo(a)pyrene-d12	40	21.09	53		10	140
P1760-03	E0766	BM044685.D	1,4-Dioxane-d8	8	5.27	66		15	120
			Pyridine-d5	40	24.58	61		20	120
			Phenol-d5	40	25.45	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.58	69		10	150
			2-Chlorophenol-d4	40	27.37	68		15	120
			4-Methylphenol-d8	40	24.62	62		10	140
			Nitrobenzene-d5	40	30.47	76		10	135
			2-Nitrophenol-d4	40	30.23	76		10	120
			2,4-Dichlorophenol-d3	40	29.95	75		10	140
			4-Chloroaniline-d4	40	26.94	67		1	145
			Dimethylphthalate-d6	40	31.54	79		10	145
			Acenaphthylene-d8	40	32.21	81		15	120
			4-Nitrophenol-d4	40	22.87	57		10	150
			Fluorene-d10	40	32.84	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.22	56		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1760-03	E0766	BM044685.D	Anthracene-d10	40	34.43	86		10	150
			Pyrene-d10	40	34.64	87		10	130
			Benzo(a)pyrene-d12	40	34.64	87		10	140
P1760-04	E0767	BM044686.D	1,4-Dioxane-d8	8	4.76	60		15	120
			Pyridine-d5	40	21.27	53		20	120
			Phenol-d5	40	23.70	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.99	65		10	150
			2-Chlorophenol-d4	40	25.37	63		15	120
			4-Methylphenol-d8	40	23.62	59		10	140
			Nitrobenzene-d5	40	28.59	71		10	135
			2-Nitrophenol-d4	40	28.12	70		10	120
			2,4-Dichlorophenol-d3	40	27.87	70		10	140
			4-Chloroaniline-d4	40	25.26	63		1	145
			Dimethylphthalate-d6	40	29.08	73		10	145
			Acenaphthylene-d8	40	29.47	74		15	120
			4-Nitrophenol-d4	40	20.83	52		10	150
			Fluorene-d10	40	29.99	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.10	53		10	130
			Anthracene-d10	40	31.79	79		10	150
			Pyrene-d10	40	32.93	82		10	130
			Benzo(a)pyrene-d12	40	32.36	81		10	140
P1760-05	E0773	BM044687.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Pyridine-d5	40	24.76	62		20	120
			Phenol-d5	40	26.53	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.60	72		10	150
			2-Chlorophenol-d4	40	28.18	70		15	120
			4-Methylphenol-d8	40	26.04	65		10	140
			Nitrobenzene-d5	40	31.82	80		10	135
			2-Nitrophenol-d4	40	31.53	79		10	120
			2,4-Dichlorophenol-d3	40	30.66	77		10	140
			4-Chloroaniline-d4	40	27.75	69		1	145
			Dimethylphthalate-d6	40	33.09	83		10	145
			Acenaphthylene-d8	40	33.15	83		15	120
			4-Nitrophenol-d4	40	25.59	64		10	150
			Fluorene-d10	40	34.13	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.23	66		10	130
			Anthracene-d10	40	34.82	87		10	150
			Pyrene-d10	40	36.75	92		10	130
			Benzo(a)pyrene-d12	40	36.85	92		10	140
P1760-06MS	E0773MS	BM044688.D	1,4-Dioxane-d8	8	5.04	63		15	120
			Pyridine-d5	40	24.48	61		20	120
			Phenol-d5	40	26.49	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.96	70		10	150
			2-Chlorophenol-d4	40	28.08	70		15	120
			4-Methylphenol-d8	40	24.99	62		10	140
			Nitrobenzene-d5	40	30.81	77		10	135
			2-Nitrophenol-d4	40	30.79	77		10	120
			2,4-Dichlorophenol-d3	40	32.15	80		10	140
			4-Chloroaniline-d4	40	23.29	58		1	145
			Dimethylphthalate-d6	40	29.07	73		10	145
			Acenaphthylene-d8	40	30.48	76		15	120

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1760-06MS	E0773MS	BM044688.D	4-Nitrophenol-d4	40	26.43	66		10	150
			Fluorene-d10	40	29.95	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.19	73		10	130
			Anthracene-d10	40	31.26	78		10	150
			Pyrene-d10	40	31.95	80		10	130
			Benzo(a)pyrene-d12	40	31.78	79		10	140
P1760-07MSD	E0773MSD	BM044689.D	1,4-Dioxane-d8	8	5.52	69		15	120
			Pyridine-d5	40	25.91	65		20	120
			Phenol-d5	40	27.55	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.88	72		10	150
			2-Chlorophenol-d4	40	29.49	74		15	120
			4-Methylphenol-d8	40	26.14	65		10	140
			Nitrobenzene-d5	40	32.58	81		10	135
			2-Nitrophenol-d4	40	32.28	81		10	120
			2,4-Dichlorophenol-d3	40	34.02	85		10	140
			4-Chloroaniline-d4	40	24.59	61		1	145
			Dimethylphthalate-d6	40	30.40	76		10	145
			Acenaphthylene-d8	40	31.90	80		15	120
			4-Nitrophenol-d4	40	28.48	71		10	150
			Fluorene-d10	40	31.62	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.21	78		10	130
			Anthracene-d10	40	32.84	82		10	150
			Pyrene-d10	40	32.69	82		10	130
			Benzo(a)pyrene-d12	40	33.56	84		10	140
PB159667BL	PB159667BL	BM044682.D	Pyridine-d5	40	24.74	62		20	120
			1,4-Dioxane-d8	8	5.38	67		15	120
			Phenol-d5	40	23.81	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.54	64		10	150
			2-Chlorophenol-d4	40	25.61	64		15	120
			4-Methylphenol-d8	40	22.46	56		10	140
			Nitrobenzene-d5	40	27.65	69		10	135
			2-Nitrophenol-d4	40	27.27	68		10	120
			2,4-Dichlorophenol-d3	40	25.83	65		10	140
			4-Chloroaniline-d4	40	24.79	62		1	145
			Dimethylphthalate-d6	40	26.79	67		10	145
			Acenaphthylene-d8	40	27.27	68		15	120
			4-Nitrophenol-d4	40	19.61	49		10	150
			Fluorene-d10	40	27.40	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.89	52		10	130
			Anthracene-d10	40	28.88	72		10	150
			Pyrene-d10	40	29.73	74		10	130
			Benzo(a)pyrene-d12	40	28.86	72		10	140
PB159667BS	PB159667BS	BM044690.D	1,4-Dioxane-d8	8	5.71	71		15	120
			Pyridine-d5	40	27.38	68		20	120
			Phenol-d5	40	26.71	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.06	70		10	150
			2-Chlorophenol-d4	40	28.54	71		15	120
			4-Methylphenol-d8	40	25.19	63		10	140
			Nitrobenzene-d5	40	31.14	78		10	135
			2-Nitrophenol-d4	40	31.45	79		10	120
			2,4-Dichlorophenol-d3	40	31.55	79		10	140

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB159667BS	PB159667BS	BM044690.D	4-Chloroaniline-d4	40	25.43	64		1	145
			Dimethylphthalate-d6	40	28.42	71		10	145
			Acenaphthylene-d8	40	29.83	75		15	120
			4-Nitrophenol-d4	40	26.15	65		10	150
			Fluorene-d10	40	28.81	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.50	74		10	130
			Anthracene-d10	40	31.32	78		10	150
			Pyrene-d10	40	30.76	77		10	130
			Benzo(a)pyrene-d12	40	31.75	79		10	140

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1813-01	E0LX1	BM044696.D	1,4-Dioxane-d8	8	4.73	59		15	120
			Pyridine-d5	40	6.42	16	*	20	120
			Phenol-d5	40	5.77	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.18	68		25	120
			2-Chlorophenol-d4	40	21.26	53		20	130
			4-Methylphenol-d8	40	12.69	32		25	125
			Nitrobenzene-d5	40	29.65	74		20	125
			2-Nitrophenol-d4	40	27.70	69		20	130
			2,4-Dichlorophenol-d3	40	25.60	64		20	120
			4-Chloroaniline-d4	40	21.33	53		1	146
			Dimethylphthalate-d6	40	29.41	74		25	130
			Acenaphthylene-d8	40	28.99	72		10	130
			4-Nitrophenol-d4	40	3.80	10		10	150
			Fluorene-d10	40	30.36	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.43	64		10	130
			Anthracene-d10	40	33.76	84		25	130
			Pyrene-d10	40	35.08	88		15	130
			Benzo(a)pyrene-d12	40	33.80	84		20	130
P1813-02	E0LX2	BM044697.D	1,4-Dioxane-d8	8	4.50	56		15	120
			Pyridine-d5	40	7.69	19	*	20	120
			Phenol-d5	40	5.87	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.39	76		25	120
			2-Chlorophenol-d4	40	23.01	58		20	130
			4-Methylphenol-d8	40	13.53	34		25	125
			Nitrobenzene-d5	40	32.55	81		20	125
			2-Nitrophenol-d4	40	30.16	75		20	130
			2,4-Dichlorophenol-d3	40	28.64	72		20	120
			4-Chloroaniline-d4	40	23.76	59		1	146
			Dimethylphthalate-d6	40	35.27	88		25	130
			Acenaphthylene-d8	40	34.10	85		10	130
			4-Nitrophenol-d4	40	4.58	11		10	150
			Fluorene-d10	40	36.13	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.29	76		10	130
			Anthracene-d10	40	39.44	99		25	130
			Pyrene-d10	40	38.97	97		15	130
			Benzo(a)pyrene-d12	40	39.74	99		20	130
P1813-03	E0LX3	BM044698.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Pyridine-d5	40	10.64	27		20	120
			Phenol-d5	40	7.25	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.26	73		25	120
			2-Chlorophenol-d4	40	23.62	59		20	130
			4-Methylphenol-d8	40	16.71	42		25	125
			Nitrobenzene-d5	40	31.87	80		20	125
			2-Nitrophenol-d4	40	29.73	74		20	130
			2,4-Dichlorophenol-d3	40	29.88	75		20	120
			4-Chloroaniline-d4	40	20.79	52		1	146
			Dimethylphthalate-d6	40	34.60	86		25	130
			Acenaphthylene-d8	40	34.20	86		10	130
			4-Nitrophenol-d4	40	5.43	14		10	150
			Fluorene-d10	40	35.22	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.40	76		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1813-03	E0LX3	BM044698.D	Anthracene-d10	40	39.09	98		25	130
			Pyrene-d10	40	39.90	100		15	130
			Benzo(a)pyrene-d12	40	38.76	97		20	130
P1813-04	E0LX4	BM044699.D	1,4-Dioxane-d8	8	5.01	63		15	120
			Pyridine-d5	40	11.09	28		20	120
			Phenol-d5	40	7.08	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.73	79		25	120
			2-Chlorophenol-d4	40	24.86	62		20	130
			4-Methylphenol-d8	40	16.08	40		25	125
			Nitrobenzene-d5	40	34.76	87		20	125
			2-Nitrophenol-d4	40	32.48	81		20	130
			2,4-Dichlorophenol-d3	40	32.34	81		20	120
			4-Chloroaniline-d4	40	24.89	62		1	146
			Dimethylphthalate-d6	40	38.00	95		25	130
			Acenaphthylene-d8	40	37.08	93		10	130
			4-Nitrophenol-d4	40	5.34	13		10	150
			Fluorene-d10	40	38.30	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.57	81		10	130
			Anthracene-d10	40	42.30	106		25	130
			Pyrene-d10	40	43.41	109		15	130
			Benzo(a)pyrene-d12	40	42.35	106		20	130
P1813-05	E0LX5	BM044700.D	1,4-Dioxane-d8	8	5.45	68		15	120
			Pyridine-d5	40	15.36	38		20	120
			Phenol-d5	40	8.74	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.23	86		25	120
			2-Chlorophenol-d4	40	27.64	69		20	130
			4-Methylphenol-d8	40	17.94	45		25	125
			Nitrobenzene-d5	40	36.62	92		20	125
			2-Nitrophenol-d4	40	34.31	86		20	130
			2,4-Dichlorophenol-d3	40	32.59	81		20	120
			4-Chloroaniline-d4	40	20.32	51		1	146
			Dimethylphthalate-d6	40	35.32	88		25	130
			Acenaphthylene-d8	40	36.20	90		10	130
			4-Nitrophenol-d4	40	6.12	15		10	150
			Fluorene-d10	40	36.66	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.97	77		10	130
			Anthracene-d10	40	39.55	99		25	130
			Pyrene-d10	40	38.80	97		15	130
			Benzo(a)pyrene-d12	40	39.33	98		20	130
PB159693BL	PB159693BL	BM044694.D	1,4-Dioxane-d8	8	6.29	79		15	120
			Pyridine-d5	40	28.05	70		20	120
			Phenol-d5	40	27.57	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.73	77		25	120
			2-Chlorophenol-d4	40	29.77	74		20	130
			4-Methylphenol-d8	40	26.83	67		25	125
			Nitrobenzene-d5	40	31.72	79		20	125
			2-Nitrophenol-d4	40	31.56	79		20	130
			2,4-Dichlorophenol-d3	40	30.77	77		20	120
			4-Chloroaniline-d4	40	28.80	72		1	146
			Dimethylphthalate-d6	40	30.53	76		25	130
			Acenaphthylene-d8	40	31.09	78		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB159693BL	PB159693BL	BM044694.D	4-Nitrophenol-d4	40	21.25	53		10	150
			Fluorene-d10	40	30.79	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.46	61		10	130
			Anthracene-d10	40	32.65	82		25	130
			Pyrene-d10	40	33.84	85		15	130
			Benzo(a)pyrene-d12	40	32.71	82		20	130
PB159693BS	PB159693BS	BM044695.D	1,4-Dioxane-d8	8	6.32	79		15	120
			Pyridine-d5	40	30.71	77		20	120
			Phenol-d5	40	31.32	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.75	82		25	120
			2-Chlorophenol-d4	40	33.45	84		20	130
			4-Methylphenol-d8	40	30.22	76		25	125
			Nitrobenzene-d5	40	35.60	89		20	125
			2-Nitrophenol-d4	40	35.90	90		20	130
			2,4-Dichlorophenol-d3	40	36.85	92		20	120
			4-Chloroaniline-d4	40	28.54	71		1	146
			Dimethylphthalate-d6	40	32.97	82		25	130
			Acenaphthylene-d8	40	34.64	87		10	130
			4-Nitrophenol-d4	40	29.53	74		10	150
			Fluorene-d10	40	33.51	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.80	87		10	130
			Anthracene-d10	40	36.05	90		25	130
			Pyrene-d10	40	34.85	87		15	130
			Benzo(a)pyrene-d12	40	36.88	92		20	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1813-07	E0LX7	BM044703.D	1,4-Dioxane-d8	8	4.20	52		15	120
			Pyridine-d5	40	9.17	23		20	120
			Phenol-d5	40	6.07	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.49	69		25	120
			2-Chlorophenol-d4	40	22.34	56		20	130
			4-Methylphenol-d8	40	13.82	35		25	125
			Nitrobenzene-d5	40	29.97	75		20	125
			2-Nitrophenol-d4	40	29.05	73		20	130
			2,4-Dichlorophenol-d3	40	28.44	71		20	120
			4-Chloroaniline-d4	40	14.56	36		1	146
			Dimethylphthalate-d6	40	31.82	80		25	130
			Acenaphthylene-d8	40	31.88	80		10	130
			4-Nitrophenol-d4	40	5.21	13		10	150
			Fluorene-d10	40	32.24	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.33	73		10	130
			Anthracene-d10	40	34.79	87		25	130
			Pyrene-d10	40	34.04	85		15	130
			Benzo(a)pyrene-d12	40	34.68	87		20	130
P1813-08MS	E0LX7MS	BM044704.D	1,4-Dioxane-d8	8	4.95	62		15	120
			Pyridine-d5	40	12.49	31		20	120
			Phenol-d5	40	9.02	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.69	82		25	120
			2-Chlorophenol-d4	40	26.88	67		20	130
			4-Methylphenol-d8	40	19.85	50		25	125
			Nitrobenzene-d5	40	37.61	94		20	125
			2-Nitrophenol-d4	40	36.50	91		20	130
			2,4-Dichlorophenol-d3	40	36.64	92		20	120
			4-Chloroaniline-d4	40	26.58	66		1	146
			Dimethylphthalate-d6	40	39.52	99		25	130
			Acenaphthylene-d8	40	38.73	97		10	130
			4-Nitrophenol-d4	40	9.86	25		10	150
			Fluorene-d10	40	39.62	99		25	125
			4,6-Dinitro-2-methylphenol-d2	40	41.12	103		10	130
			Anthracene-d10	40	42.12	105		25	130
			Pyrene-d10	40	42.23	106		15	130
			Benzo(a)pyrene-d12	40	42.14	105		20	130
P1813-09MSD	E0LX7MSD	BM044705.D	1,4-Dioxane-d8	8	4.40	55		15	120
			Pyridine-d5	40	11.82	30		20	120
			Phenol-d5	40	8.99	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.15	83		25	120
			2-Chlorophenol-d4	40	27.12	68		20	130
			4-Methylphenol-d8	40	19.71	49		25	125
			Nitrobenzene-d5	40	37.71	94		20	125
			2-Nitrophenol-d4	40	36.35	91		20	130
			2,4-Dichlorophenol-d3	40	35.80	89		20	120
			4-Chloroaniline-d4	40	25.43	64		1	146
			Dimethylphthalate-d6	40	39.84	100		25	130
			Acenaphthylene-d8	40	38.68	97		10	130
			4-Nitrophenol-d4	40	9.65	24		10	150
			Fluorene-d10	40	38.90	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	42.37	106		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1813-09MSD	E0LX7MSD	BM044705.D	Anthracene-d10	40	42.61	107		25	130
			Pyrene-d10	40	44.76	112		15	130
			Benzo(a)pyrene-d12	40	43.54	109		20	130
PB159719BL	PB159719BL	BM044702.D	1,4-Dioxane-d8	8	5.08	63		15	120
			Pyridine-d5	40	25.17	63		20	120
			Phenol-d5	40	24.83	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.90	67		25	120
			2-Chlorophenol-d4	40	26.57	66		20	130
			4-Methylphenol-d8	40	23.75	59		25	125
			Nitrobenzene-d5	40	29.01	73		20	125
			2-Nitrophenol-d4	40	28.54	71		20	130
			2,4-Dichlorophenol-d3	40	27.29	68		20	120
			4-Chloroaniline-d4	40	25.24	63		1	146
			Dimethylphthalate-d6	40	27.34	68		25	130
			Acenaphthylene-d8	40	27.54	69		10	130
			4-Nitrophenol-d4	40	19.34	48		10	150
			Fluorene-d10	40	27.51	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.29	56		10	130
			Anthracene-d10	40	29.67	74		25	130
			Pyrene-d10	40	30.54	76		15	130
			Benzo(a)pyrene-d12	40	29.53	74		20	130
PB159719BS	PB159719BS	BM044708.D	1,4-Dioxane-d8	8	6.15	77		15	120
			Pyridine-d5	40	28.76	72		20	120
			Phenol-d5	40	30.64	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.20	78		25	120
			2-Chlorophenol-d4	40	33.12	83		20	130
			4-Methylphenol-d8	40	30.42	76		25	125
			Nitrobenzene-d5	40	34.82	87		20	125
			2-Nitrophenol-d4	40	35.68	89		20	130
			2,4-Dichlorophenol-d3	40	36.10	90		20	120
			4-Chloroaniline-d4	40	27.11	68		1	146
			Dimethylphthalate-d6	40	33.08	83		25	130
			Acenaphthylene-d8	40	34.25	86		10	130
			4-Nitrophenol-d4	40	29.54	74		10	150
			Fluorene-d10	40	33.26	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.07	88		10	130
			Anthracene-d10	40	36.16	90		25	130
			Pyrene-d10	40	35.90	90		15	130
			Benzo(a)pyrene-d12	40	36.58	91		20	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1813-06	E0LX6	BM044706.D	Pyridine-d5	40	11.47	29		20	120
			1,4-Dioxane-d8	8	4.32	54		15	120
			Phenol-d5	40	7.31	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.82	77		25	120
			2-Chlorophenol-d4	40	26.41	66		20	130
			4-Methylphenol-d8	40	16.55	41		25	125
			Nitrobenzene-d5	40	36.84	92		20	125
			2-Nitrophenol-d4	40	35.83	90		20	130
			2,4-Dichlorophenol-d3	40	33.40	84		20	120
			4-Chloroaniline-d4	40	17.40	43		1	146
			Dimethylphthalate-d6	40	37.23	93		25	130
			Acenaphthylene-d8	40	38.12	95		10	130
			4-Nitrophenol-d4	40	6.20	15		10	150
			Fluorene-d10	40	37.84	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.47	84		10	130
			Anthracene-d10	40	39.90	100		25	130
			Pyrene-d10	40	38.78	97		15	130
			Benzo(a)pyrene-d12	40	39.81	100		20	130
P1823-01	E0779	BM044707.D	1,4-Dioxane-d8	8	4.16	52		15	120
			Pyridine-d5	40	7.56	19	*	20	120
			Phenol-d5	40	5.74	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.82	80		25	120
			2-Chlorophenol-d4	40	24.53	61		20	130
			4-Methylphenol-d8	40	13.56	34		25	125
			Nitrobenzene-d5	40	36.36	91		20	125
			2-Nitrophenol-d4	40	34.83	87		20	130
			2,4-Dichlorophenol-d3	40	30.63	77		20	120
			4-Chloroaniline-d4	40	27.87	70		1	146
			Dimethylphthalate-d6	40	35.78	89		25	130
			Acenaphthylene-d8	40	35.67	89		10	130
			4-Nitrophenol-d4	40	4.23	11		10	150
			Fluorene-d10	40	36.71	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.70	82		10	130
			Anthracene-d10	40	41.72	104		25	130
			Pyrene-d10	40	42.80	107		15	130
			Benzo(a)pyrene-d12	40	42.07	105		20	130
PB159721BL	PB159721BL	BM044710.D	1,4-Dioxane-d8	8	5.03	63		15	120
			Pyridine-d5	40	25.39	63		20	120
			Phenol-d5	40	25.86	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.31	68		25	120
			2-Chlorophenol-d4	40	28.17	70		20	130
			4-Methylphenol-d8	40	25.18	63		25	125
			Nitrobenzene-d5	40	30.02	75		20	125
			2-Nitrophenol-d4	40	30.06	75		20	130
			2,4-Dichlorophenol-d3	40	28.39	71		20	120
			4-Chloroaniline-d4	40	26.89	67		1	146
			Dimethylphthalate-d6	40	28.56	71		25	130
			Acenaphthylene-d8	40	29.01	73		10	130
			4-Nitrophenol-d4	40	19.76	49		10	150
			Fluorene-d10	40	28.85	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.19	55		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM032124

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB159721BL	PB159721BL	BM044710.D	Anthracene-d10	40	31.35	78		25	130
			Pyrene-d10	40	32.29	81		15	130
			Benzo(a)pyrene-d12	40	31.49	79		20	130
PB159721BS	PB159721BS	BM044709.D	1,4-Dioxane-d8	8	5.50	69		15	120
			Pyridine-d5	40	26.15	65		20	120
			Phenol-d5	40	27.58	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.29	71		25	120
			2-Chlorophenol-d4	40	29.89	75		20	130
			4-Methylphenol-d8	40	27.02	68		25	125
			Nitrobenzene-d5	40	32.50	81		20	125
			2-Nitrophenol-d4	40	32.39	81		20	130
			2,4-Dichlorophenol-d3	40	32.97	82		20	120
			4-Chloroaniline-d4	40	24.93	62		1	146
			Dimethylphthalate-d6	40	30.27	76		25	130
			Acenaphthylene-d8	40	31.59	79		10	130
			4-Nitrophenol-d4	40	26.64	67		10	150
			Fluorene-d10	40	30.69	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.37	78		10	130
			Anthracene-d10	40	32.43	81		25	130
			Pyrene-d10	40	32.14	80		15	130
			Benzo(a)pyrene-d12	40	32.69	82		20	130

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM032124

Lab Code: CHEM SAS No.: BM032124 SDG NO.: BM032124

Lab File ID: BM044680.D DFTPP Injection Date: 03/20/2024

Instrument ID: BNA_M DFTPP Injection Time: 13:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.9
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	41.6
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	49.2
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	80
443	15.0 - 24.0% of mass 442	15.5 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020078	SSTDCCC020	BM044681.D	03/20/2024	13:41
SBLK667	PB159667BL	BM044682.D	03/20/2024	14:17
E0764	P1760-01	BM044683.D	03/20/2024	14:53
E0765	P1760-02	BM044684.D	03/20/2024	15:30
E0766	P1760-03	BM044685.D	03/20/2024	16:06
E0767	P1760-04	BM044686.D	03/20/2024	16:43
E0773	P1760-05	BM044687.D	03/20/2024	17:19
E0773MS	P1760-06MS	BM044688.D	03/20/2024	17:56
E0773MSD	P1760-07MSD	BM044689.D	03/20/2024	18:32
SLCS667	PB159667BS	BM044690.D	03/20/2024	19:09
SSTD020079	SSTDCCC020EC	BM044691.D	03/20/2024	20:22

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM032124

Lab Code: CHEM SAS No.: BM032124 SDG NO.: BM032124

Lab File ID: BM044692.D DFTPP Injection Date: 03/21/2024

Instrument ID: BNA_M DFTPP Injection Time: 09:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.7
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	44.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	52
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	24
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	73.4
443	15.0 - 24.0% of mass 442	14.1 (19.3) 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
SSTD020080	SSTDCCC020	BM044693.D	03/21/2024	10:13
SBLK693	PB159693BL	BM044694.D	03/21/2024	10:49
SLCS693	PB159693BS	BM044695.D	03/21/2024	11:25
E0LX1	P1813-01	BM044696.D	03/21/2024	12:01
E0LX2	P1813-02	BM044697.D	03/21/2024	12:37
E0LX3	P1813-03	BM044698.D	03/21/2024	13:14
E0LX4	P1813-04	BM044699.D	03/21/2024	13:50
E0LX5	P1813-05	BM044700.D	03/21/2024	14:27
SSTD020081	SSTDCCC020	BM044701.D	03/21/2024	15:19
SBLK719	PB159719BL	BM044702.D	03/21/2024	16:10
E0LX7	P1813-07	BM044703.D	03/21/2024	16:52
E0LX7MS	P1813-08MS	BM044704.D	03/21/2024	17:28
E0LX7MSD	P1813-09MSD	BM044705.D	03/21/2024	18:05
E0LX6	P1813-06	BM044706.D	03/21/2024	18:41
E0779	P1823-01	BM044707.D	03/21/2024	19:18
SLCS719	PB159719BS	BM044708.D	03/21/2024	19:54
SLCS721	PB159721BS	BM044709.D	03/21/2024	20:31
SBLK721	PB159721BL	BM044710.D	03/21/2024	21:07
SSTD020082	SSTDCCC020EC	BM044711.D	03/21/2024	22:20