CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG No.: BM031624

Instrument ID: BNA_M Calibration Date/Time: 3/15/2024 1: 09:42

Lab File ID: BM044624.D Init. Calib. Date(s):

EPA Sample No.: SSTD020073 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	0.619	0.010	1.3526	40.0
Benzaldehyde	0.896	1.042	0.010	16.2929	40.0
Pyridine	1.800	1.593	0.010	-11.4826	40.0
Phenol	2.099	1.897	0.080	-9.6206	20.0
Bis(2-Chloroethyl)ether	1.723	1.583	0.100	-8.1092	20.0
2-Chlorophenol	1.559	1.491	0.200	-4.3106	20.0
2-Methylphenol	1.593	1.407	0.010	-11.6542	20.0
2,2-oxybis(1-Chloropropane)	2.276	2.252	0.010	-1.0226	40.0
Acetophenone	2.505	2.254	0.060	-9.9965	20.0
4-Methylphenol	1.734	1.511	0.010	-12.8266	20.0
N-Nitroso-di-n-propylamine	1.294	1.169	0.050	-9.6223	30.0
Hexachloroethane	0.638	0.630	0.100	-1.3397	20.0
Nitrobenzene	0.399	0.422	0.050	5.6689	25.0
Isophorone	0.815	0.795	0.050	-2.4913	25.0
2-Nitrophenol	0.198	0.199	0.050	0.3862	25.0
2,4-Dimethylphenol	0.360	0.366	0.050	1.5279	25.0
Bis(2-Chloroethoxy)methane	0.512	0.511	0.050	-0.1922	20.0
2,4-Dichlorophenol	0.308	0.321	0.060	3.9089	20.0
Naphthalene	1.133	1.170	0.200	3.2585	20.0
4-Chloroaniline	0.495	0.479	0.010	-3.2441	40.0
Hexachlorobutadiene	0.173	0.191	0.040	10.4326	30.0
Caprolactam	0.120	0.098	0.010	-18.6827	40.0
4-Chloro-3-methylphenol	0.358	0.347	0.040	-3.0555	25.0
1-Methylnaphthalene	0.743	0.744	0.100	0.1691	20.0
2-Methylnaphthalene	0.753	0.757	0.100	0.5446	20.0
Hexachlorocyclopentadiene	0.378	0.383	0.010	1.3165	40.0
2,4,6-Trichlorophenol	0.399	0.390	0.090	-2.2007	25.0
2,4,5-Trichlorophenol	0.427	0.419	0.100	-2.056	25.0
1,1-Biphenyl	1.588	1.611	0.200	1.4466	20.0
2-Chloronaphthalene	1.246	1.251	0.300	0.388	20.0
2-Nitroaniline	0.391	0.374	0.050	-4.3152	40.0
Dimethylphthalate	1.596	1.561	0.300	-2.2225	20.0
2,6-Dinitrotoluene	0.319	0.302	0.080	-5.4158	30.0
Acenaphthylene	2.091	2.098	0.400	0.3041	20.0
3-Nitroaniline	0.344	0.314	0.010	-8.9332	40.0
Acenaphthene	1.375	1.381	0.200	0.4307	20.0
2,4-Dinitrophenol	0.204	0.161	0.010	-21.0433	40.0
4-Nitrophenol	0.228	0.220	0.010	-3.5255	40.0
Dibenzofuran	1.829	1.867	0.300	2.1108	20.0
2,4-Dinitrotoluene	0.460	0.442	0.070	-4.0512	30.0
Diethylphthalate	1.657	1.620	0.300	-2.2458	20.0

CHEMTECH

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG No.: BM031624

Instrument ID: BNA_M Calibration Date/Time: 3/15/2024 1: 09:42

Lab File ID: BM044624.D Init. Calib. Date(s):

EPA Sample No.: SSTD020073 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.496	1.538	0.200	2.8295	20.0
4-Chlorophenyl-phenylether	0.694	0.737	0.100	6.1093	20.0
4-Nitroaniline	0.329	0.325	0.010	-1.2291	40.0
4,6-Dinitro-2-methylphenol	0.139	0.138	0.010	-0.6252	40.0
N-Nitrosodiphenylamine	0.602	0.627	0.050	4.0535	20.0
1,2,4,5-Tetrachlorobenzene	0.569	0.599	0.100	5.2489	20.0
4-Bromophenyl-phenylether	0.200	0.217	0.070	8.4361	20.0
Hexachlorobenzene	0.228	0.252	0.050	10.5266	25.0
Atrazine	0.197	0.212	0.010	7.8648	25.0
Pentachlorophenol	0.150	0.153	0.010	1.9743	40.0
Phenanthrene	1.135	1.183	0.200	4.3119	20.0
Pentachlorobenzene	0.258	0.286	0.050	10.734	20.0
Anthracene	1.147	1.211	0.200	5.5446	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.287	0.050	7.4679	20.0
Carbazole	1.078	1.119	0.050	3.7661	40.0
Di-n-butylphthalate	1.450	1.443	0.500	-0.4736	25.0
Fluoranthene	1.461	1.446	0.400	-1.024	25.0
Pyrene	1.521	1.520	0.400	-0.0635	25.0
Butylbenzylphthalate	0.748	0.674	0.100	-9.8375	40.0
3,3-Dichlorobenzidine	0.433	0.481	0.010	11.2491	40.0
Benzo(a)anthracene	1.502	1.515	0.300	0.8751	30.0
Chrysene	1.391	1.393	0.200	0.2062	30.0
Bis(2-ethylhexyl)phthalate	1.090	1.090	0.200	-0.0612	40.0
Di-n-octyl phthalate	1.790	1.591	0.010	-11.0944	40.0
Benzo(b)fluoranthene	1.338	1.315	0.200	-1.7724	25.0
Benzo(k)fluoranthene	1.311	1.274	0.200	-2.8296	25.0
Benzo(a)pyrene	1.252	1.237	0.200	-1.1492	20.0
Indeno(1,2,3-cd)pyrene	1.404	1.557	0.200	10.8671	25.0
Dibenzo(a,h)anthracene	1.171	1.322	0.200	12.9174	30.0
Benzo(g,h,i)perylene	1.121	1.244	0.200	11.0565	30.0
2,3,4,6-Tetrachlorophenol	0.354	0.354	0.040	0.0062	20.0
1,4-Dioxane-d8	0.590	0.588	0.010	-0.2615	25.0
Pyridine-d5	1.736	1.542	0.010	-11.1506	40.0
Phenol-d5	2.056	1.850	0.010	-10.042	25.0
Bis-(2-Chloroethyl)ether-d8	1.270	1.204	0.050	-5.2404	25.0
2-Chlorophenol-d4	1.511	1.438	0.200	-4.8194	20.0
4-Methylphenol-d8	1.615	1.399	0.010	-13.3693	20.0
Nitrobenzene-d5	0.168	0.174	0.050	3.1679	20.0
2-Nitrophenol-d4	0.182	0.182	0.050	0.0052	30.0
2,4-Dichlorophenol-d3	0.309	0.322	0.060	4.0766	20.0
4-Chloroaniline-d4	0.513	0.495	0.010	-3.551	40.0

CHEMTECH

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG No.: BM031624

Instrument ID: BNA_M Calibration Date/Time: 3/15/2024 1: 09:42

Lab File ID: BM044624.D Init. Calib. Date(s):

EPA Sample No.: SSTD020073 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.569	1.550	0.300	-1.1835	20.0
Acenaphthylene-d8	1.794	1.757	0.400	-2.0869	20.0
4-Nitrophenol-d4	0.325	0.294	0.010	-9.503	40.0
Fluorene-d10	1.318	1.304	0.100	-1.1244	20.0
4,6-Dinitro-2-methylphenol-d2	0.130	0.125	0.010	-4.0401	40.0
Anthracene-d10	0.956	0.994	0.300	3.9849	20.0
Pyrene-d10	1.227	1.201	0.300	-2.0675	25.0
Benzo(a)pyrene-d12	1.051	1.062	0.010	1.0517	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.: BM031624 SAS No.: BM031624 SDG No.: BM031624

Instrument ID: BNA_M Calibration Date/Time: 3/15/2024 1: 16:27

Lab File ID: BM044635.D Init. Calib. Date(s):

EPA Sample No.: SSTD020074 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	0.604	0.010	-1.1402	40.0
Benzaldehyde	0.896	1.049	0.010	17.15	40.0
Pyridine	1.800	1.607	0.010	-10.7062	40.0
Phenol	2.099	1.886	0.080	-10.1052	20.0
Bis(2-Chloroethyl)ether	1.723	1.593	0.100	-7.5678	20.0
2-Chlorophenol	1.559	1.503	0.200	-3.5919	20.0
2-Methylphenol	1.593	1.409	0.010	-11.5403	20.0
2,2-oxybis(1-Chloropropane)	2.276	2.277	0.010	0.0386	40.0
Acetophenone	2.505	2.288	0.060	-8.6339	20.0
4-Methylphenol	1.734	1.526	0.010	-11.9893	20.0
N-Nitroso-di-n-propylamine	1.294	1.187	0.050	-8.2926	30.0
Hexachloroethane	0.638	0.640	0.100	0.2038	20.0
Nitrobenzene	0.399	0.428	0.050	7.0666	25.0
Isophorone	0.815	0.807	0.050	-1.0185	25.0
2-Nitrophenol	0.198	0.202	0.050	1.8398	25.0
2,4-Dimethylphenol	0.360	0.369	0.050	2.4827	25.0
Bis(2-Chloroethoxy)methane	0.512	0.514	0.050	0.2773	20.0
2,4-Dichlorophenol	0.308	0.322	0.060	4.397	20.0
Naphthalene	1.133	1.171	0.200	3.4105	20.0
4-Chloroaniline	0.495	0.483	0.010	-2.3396	40.0
Hexachlorobutadiene	0.173	0.194	0.040	12.165	30.0
Caprolactam	0.120	0.101	0.010	-16.1979	40.0
4-Chloro-3-methylphenol	0.358	0.349	0.040	-2.3761	25.0
1-Methylnaphthalene	0.743	0.748	0.100	0.7202	20.0
2-Methylnaphthalene	0.753	0.754	0.100	0.1363	20.0
Hexachlorocyclopentadiene	0.378	0.390	0.010	3.2178	40.0
2,4,6-Trichlorophenol	0.399	0.397	0.090	-0.4564	25.0
2,4,5-Trichlorophenol	0.427	0.429	0.100	0.3929	25.0
1,1-Biphenyl	1.588	1.619	0.200	1.9612	20.0
2-Chloronaphthalene	1.246	1.263	0.300	1.3524	20.0
2-Nitroaniline	0.391	0.389	0.050	-0.5485	40.0
Dimethylphthalate	1.596	1.569	0.300	-1.6942	20.0
2,6-Dinitrotoluene	0.319	0.305	0.080	-4.4644	30.0
Acenaphthylene	2.091	2.126	0.400	1.6686	20.0
3-Nitroaniline	0.344	0.323	0.010	-6.1162	40.0
Acenaphthene	1.375	1.393	0.200	1.3344	20.0
2,4-Dinitrophenol	0.204	0.154	0.010	-24.5617	40.0
4-Nitrophenol	0.228	0.221	0.010	-2.8782	40.0
Dibenzofuran	1.829	1.873	0.300	2.4113	20.0
2,4-Dinitrotoluene	0.460	0.439	0.070	-4.5568	30.0
Diethylphthalate	1.657	1.627	0.300	-1.793	20.0

CHEMTECH

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG No.: BM031624

Instrument ID: BNA_M Calibration Date/Time: 3/15/2024 1: 16:27

Lab File ID: BM044635.D Init. Calib. Date(s):

EPA Sample No.: SSTD020074 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.496	1.525	0.200	1.9612	20.0
4-Chlorophenyl-phenylether	0.694	0.731	0.100	5.3427	20.0
4-Nitroaniline	0.329	0.332	0.010	0.8372	40.0
4,6-Dinitro-2-methylphenol	0.139	0.134	0.010	-3.4613	40.0
N-Nitrosodiphenylamine	0.602	0.641	0.050	6.4129	20.0
1,2,4,5-Tetrachlorobenzene	0.569	0.603	0.100	5.9528	20.0
4-Bromophenyl-phenylether	0.200	0.219	0.070	9.5059	20.0
Hexachlorobenzene	0.228	0.254	0.050	11.4016	25.0
Atrazine	0.197	0.212	0.010	7.8285	25.0
Pentachlorophenol	0.150	0.150	0.010	0.0265	40.0
Phenanthrene	1.135	1.179	0.200	3.9397	20.0
Pentachlorobenzene	0.258	0.295	0.050	14.1767	20.0
Anthracene	1.147	1.222	0.200	6.5204	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.297	0.050	11.0082	20.0
Carbazole	1.078	1.112	0.050	3.0999	40.0
Di-n-butylphthalate	1.450	1.452	0.500	0.1446	25.0
Fluoranthene	1.461	1.432	0.400	-1.9597	25.0
Pyrene	1.521	1.507	0.400	-0.9234	25.0
Butylbenzylphthalate	0.748	0.673	0.100	-9.9444	40.0
3,3-Dichlorobenzidine	0.433	0.457	0.010	5.7202	40.0
Benzo(a)anthracene	1.502	1.483	0.300	-1.2529	30.0
Chrysene	1.391	1.370	0.200	-1.4603	30.0
Bis(2-ethylhexyl)phthalate	1.090	1.077	0.200	-1.2452	40.0
Di-n-octyl phthalate	1.790	1.637	0.010	-8.5635	40.0
Benzo(b)fluoranthene	1.338	1.327	0.200	-0.8557	25.0
Benzo(k)fluoranthene	1.311	1.286	0.200	-1.9186	25.0
Benzo(a)pyrene	1.252	1.242	0.200	-0.8087	20.0
Indeno(1,2,3-cd)pyrene	1.404	1.515	0.200	7.8682	25.0
Dibenzo(a,h)anthracene	1.171	1.286	0.200	9.8027	30.0
Benzo(g,h,i)perylene	1.121	1.212	0.200	8.1805	30.0
2,3,4,6-Tetrachlorophenol	0.354	0.354	0.040	-0.0025	20.0
1,4-Dioxane-d8	0.590	0.557	0.010	-5.6101	25.0
Pyridine-d5	1.736	1.513	0.010	-12.8365	40.0
Phenol-d5	2.056	1.846	0.010	-10.2018	25.0
Bis-(2-Chloroethyl)ether-d8	1.270	1.206	0.050	-5.0779	25.0
2-Chlorophenol-d4	1.511	1.460	0.200	-3.3766	20.0
4-Methylphenol-d8	1.615	1.406	0.010	-12.9634	20.0
Nitrobenzene-d5	0.168	0.173	0.050	2.6727	20.0
2-Nitrophenol-d4	0.182	0.183	0.050	1.0256	30.0
2,4-Dichlorophenol-d3	0.309	0.322	0.060	4.1608	20.0
4-Chloroaniline-d4	0.513	0.493	0.010	-3.9399	40.0

CHEMTECH

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG No.: BM031624

Instrument ID: BNA_M Calibration Date/Time: 3/15/2024 1: 16:27

Lab File ID: BM044635.D Init. Calib. Date(s):

EPA Sample No.: SSTD020074 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.569	1.555	0.300	-0.9001	20.0
Acenaphthylene-d8	1.794	1.764	0.400	-1.7047	20.0
4-Nitrophenol-d4	0.325	0.296	0.010	-9.0257	40.0
Fluorene-d10	1.318	1.302	0.100	-1.2734	20.0
4,6-Dinitro-2-methylphenol-d2	0.130	0.123	0.010	-5.1151	40.0
Anthracene-d10	0.956	1.004	0.300	4.9781	20.0
Pyrene-d10	1.227	1.197	0.300	-2.411	25.0
Benzo(a)pyrene-d12	1.051	1.057	0.010	0.5182	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.: BM031624 SAS No.: BM031624 SDG No.: BM031624

Instrument ID: BNA_M Calibration Date/Time: 3/16/2024 1: 03:18

Lab File ID: BM044652.D Init. Calib. Date(s):

EPA Sample No.: SSTD020075 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	0.586	0.010	-3.9999	50.0
Benzaldehyde	0.896	1.038	0.010	15.8821	50.0
Pyridine	1.800	1.621	0.010	-9.9347	50.0
Phenol	2.099	1.917	0.080	-8.6569	50.0
Bis(2-Chloroethyl)ether	1.723	1.587	0.100	-7.9114	50.0
2-Chlorophenol	1.559	1.496	0.200	-3.9837	50.0
2-Methylphenol	1.593	1.394	0.010	-12.4443	50.0
2,2-oxybis(1-Chloropropane)	2.276	2.296	0.010	0.8825	50.0
Acetophenone	2.505	2.300	0.060	-8.1828	50.0
4-Methylphenol	1.734	1.526	0.010	-11.9981	50.0
N-Nitroso-di-n-propylamine	1.294	1.200	0.050	-7.2266	50.0
Hexachloroethane	0.638	0.630	0.100	-1.3938	50.0
Nitrobenzene	0.399	0.430	0.050	7.6805	50.0
Isophorone	0.815	0.820	0.050	0.6824	50.0
2-Nitrophenol	0.198	0.201	0.050	1.6501	50.0
2,4-Dimethylphenol	0.360	0.368	0.050	2.1104	50.0
Bis(2-Chloroethoxy)methane	0.512	0.516	0.050	0.7289	50.0
2,4-Dichlorophenol	0.308	0.325	0.060	5.1952	50.0
Naphthalene	1.133	1.171	0.200	3.3535	50.0
4-Chloroaniline	0.495	0.489	0.010	-1.2581	50.0
Hexachlorobutadiene	0.173	0.192	0.040	11.2699	50.0
Caprolactam	0.120	0.099	0.010	-17.751	50.0
4-Chloro-3-methylphenol	0.358	0.351	0.040	-2.0012	50.0
1-Methylnaphthalene	0.743	0.754	0.100	1.4041	50.0
2-Methylnaphthalene	0.753	0.761	0.100	0.9898	50.0
Hexachlorocyclopentadiene	0.378	0.393	0.010	4.0672	50.0
2,4,6-Trichlorophenol	0.399	0.400	0.090	0.3123	50.0
2,4,5-Trichlorophenol	0.427	0.431	0.100	0.9146	50.0
1,1-Biphenyl	1.588	1.632	0.200	2.7321	50.0
2-Chloronaphthalene	1.246	1.264	0.300	1.4501	50.0
2-Nitroaniline	0.391	0.393	0.050	0.5253	50.0
Dimethylphthalate	1.596	1.580	0.300	-1.0481	50.0
2,6-Dinitrotoluene	0.319	0.306	0.080	-3.9609	50.0
Acenaphthylene	2.091	2.135	0.400	2.0941	50.0
3-Nitroaniline	0.344	0.328	0.010	-4.8715	50.0
Acenaphthene	1.375	1.396	0.200	1.5349	50.0
2,4-Dinitrophenol	0.204	0.162	0.010	-20.7966	50.0
4-Nitrophenol	0.228	0.223	0.010	-2.364	50.0
Dibenzofuran	1.829	1.884	0.300	3.0209	50.0
2,4-Dinitrotoluene	0.460	0.449	0.070	-2.545	50.0
Diethylphthalate	1.657	1.623	0.300	-2.0152	50.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG No.: BM031624

Instrument ID: BNA_M Calibration Date/Time: 3/16/2024 1: 03:18

Lab File ID: BM044652.D Init. Calib. Date(s):

EPA Sample No.: SSTD020075 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.496	1.555	0.200	3.9552	50.0
4-Chlorophenyl-phenylether	0.694	0.746	0.100	7.4282	50.0
4-Nitroaniline	0.329	0.337	0.010	2.473	50.0
4,6-Dinitro-2-methylphenol	0.139	0.136	0.010	-2.0583	50.0
N-Nitrosodiphenylamine	0.602	0.635	0.050	5.4394	50.0
1,2,4,5-Tetrachlorobenzene	0.569	0.605	0.100	6.2723	50.0
4-Bromophenyl-phenylether	0.200	0.219	0.070	9.3552	50.0
Hexachlorobenzene	0.228	0.251	0.050	10.2321	50.0
Atrazine	0.197	0.210	0.010	6.6168	50.0
Pentachlorophenol	0.150	0.151	0.010	0.5603	50.0
Phenanthrene	1.135	1.179	0.200	3.8988	50.0
Pentachlorobenzene	0.258	0.290	0.050	12.407	50.0
Anthracene	1.147	1.200	0.200	4.5725	50.0
1,2,3,4-Tetrachlorobenzene	0.267	0.291	0.050	8.8215	50.0
Carbazole	1.078	1.111	0.050	3.0777	50.0
Di-n-butylphthalate	1.450	1.435	0.500	-1.0794	50.0
Fluoranthene	1.461	1.437	0.400	-1.6416	50.0
Pyrene	1.521	1.522	0.400	0.0729	50.0
Butylbenzylphthalate	0.748	0.663	0.100	-11.4092	50.0
3,3-Dichlorobenzidine	0.433	0.460	0.010	6.3542	50.0
Benzo(a)anthracene	1.502	1.487	0.300	-1.0243	50.0
Chrysene	1.391	1.375	0.200	-1.1036	50.0
Bis(2-ethylhexyl)phthalate	1.090	1.064	0.200	-2.4262	50.0
Di-n-octyl phthalate	1.790	1.572	0.010	-12.1766	50.0
Benzo(b)fluoranthene	1.338	1.307	0.200	-2.3185	50.0
Benzo(k)fluoranthene	1.311	1.300	0.200	-0.789	50.0
Benzo(a)pyrene	1.252	1.241	0.200	-0.8889	50.0
Indeno(1,2,3-cd)pyrene	1.404	1.551	0.200	10.4795	50.0
Dibenzo(a,h)anthracene	1.171	1.310	0.200	11.8889	50.0
Benzo(g,h,i)perylene	1.121	1.238	0.200	10.4849	50.0
2,3,4,6-Tetrachlorophenol	0.354	0.355	0.040	0.232	50.0
1,4-Dioxane-d8	0.590	0.531	0.010	-9.9005	50.0
Pyridine-d5	1.736	1.489	0.010	-14.201	50.0
Phenol-d5	2.056	1.861	0.010	-9.5123	50.0
Bis-(2-Chloroethyl)ether-d8	1.270	1.224	0.050	-3.6265	50.0
2-Chlorophenol-d4	1.511	1.442	0.200	-4.5456	50.0
4-Methylphenol-d8	1.615	1.424	0.010	-11.8317	50.0
Nitrobenzene-d5	0.168	0.173	0.050	2.4861	50.0
2-Nitrophenol-d4	0.182	0.184	0.050	1.552	50.0
2,4-Dichlorophenol-d3	0.309	0.323	0.060	4.6019	50.0
4-Chloroaniline-d4	0.513	0.499	0.010	-2.7026	50.0

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG No.: BM031624

Instrument ID: BNA_M Calibration Date/Time: 3/16/2024 1: 03:18

Lab File ID: BM044652.D Init. Calib. Date(s):

EPA Sample No.: SSTD020075 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.569	1.557	0.300	-0.7596	50.0
Acenaphthylene-d8	1.794	1.792	0.400	-0.1211	50.0
4-Nitrophenol-d4	0.325	0.302	0.010	-7.2138	50.0
Fluorene-d10	1.318	1.323	0.100	0.3211	50.0
4,6-Dinitro-2-methylphenol-d2	0.130	0.125	0.010	-3.9193	50.0
Anthracene-d10	0.956	0.994	0.300	3.9797	50.0
Pyrene-d10	1.227	1.201	0.300	-2.0677	50.0
Benzo(a)pyrene-d12	1.051	1.052	0.010	0.078	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK597	SDG No.:	BM031624
Lab Sample ID:	PB159597BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044625.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

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:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK597			SDG No.:	BM031624
Lab Sample ID:	PB159597BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044625.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

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:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK597	SDG No.:	BM031624
Lab Sample ID:	PB159597BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044625.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

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	6.04		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	27.88		20-120		70	SPK: -40
4165-62-2	Phenol-d5	27.56		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.42		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.52		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	26.1		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	32.19		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.94		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.45		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.13		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.86		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	30.67		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.68		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	31.82		25-125		80	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.99		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	33.05		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	32.53		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.77		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174616	7.698				
1146-65-2	Naphthalene-d8	692601	10.48				
15067-26-2	Acenaphthene-d10	406984	14.345				
1517-22-2	Phenanthrene-d10	846744	17.098				

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK597			SDG No.:	BM031624
Lab Sample ID:	PB159597BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044625.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	765286	21.297				
1520-96-3	Perylene-d12	912194	23.544				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	3/1/2024 12:00:00 AM
Project:		Date Received:	3/1/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BM031624
Lab Sample ID:	P1717-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 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
BM044626.D	1	3/13/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159573

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39	U	39	19.8	200	ug/Kg
100-52-7	Benzaldehyde	230	U	230	250	990	ug/Kg
110-86-1	Pyridine	130	U	130	500	990	ug/Kg
108-95-2	Phenol	110	U	110	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	250	990	ug/Kg
95-57-8	2-Chlorophenol	84	U	84	130	510	ug/Kg
95-48-7	2-Methylphenol	90	U	90	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	250	990	ug/Kg
98-86-2	Acetophenone	110	U	110	250	990	ug/Kg
106-44-5	4-Methylphenol	96	U	96	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	130	510	ug/Kg
67-72-1	Hexachloroethane	69	U	69	130	510	ug/Kg
98-95-3	Nitrobenzene	110	U	110	130	510	ug/Kg
78-59-1	Isophorone	100	U	100	130	510	ug/Kg
88-75-5	2-Nitrophenol	96	U	96	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	84	U	84	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	130	510	ug/Kg
91-20-3	Naphthalene	100	U	100	130	510	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	130	510	ug/Kg
105-60-2	Caprolactam	360	U	360	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	130	510	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	130	510	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	130	510	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/1/2024 12:00:00 AM
Project:				Date Received:	3/1/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK			SDG No.:	BM031624
Lab Sample ID:	P1717-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	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
BM044626.D	1	3/13/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159573

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	130	U	130	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	130	510	ug/Kg
208-96-8	Acenaphthylene	130	U	130	130	510	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	250	990	ug/Kg
83-32-9	Acenaphthene	120	U	120	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	360	250	990	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	250	990	ug/Kg
132-64-9	Dibenzofuran	140	U	140	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	81	U	81	130	510	ug/Kg
84-66-2	Diethylphthalate	180	U	180	130	510	ug/Kg
86-73-7	Fluorene	140	U	140	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	130	510	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	130	U	130	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	130	510	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	510	ug/Kg
1912-24-9	Atrazine	120	U	120	250	990	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	250	990	ug/Kg
85-01-8	Phenanthrene	130	U	130	130	510	ug/Kg
608-93-5	Pentachlorobenzene	150	U	150	130	510	ug/Kg
120-12-7	Anthracene	130	U	130	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	99	U	99	130	510	ug/Kg
86-74-8	Carbazole	140	U	140	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	130	510	ug/Kg
206-44-0	Fluoranthene	130	U	130	250	510	ug/Kg
129-00-0	Pyrene	130	U	130	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	130	510	ug/Kg
218-01-9	Chrysene	140	U	140	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	130	510	ug/Kg

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Report of Analysis

Client:		Date Collected:	3/1/2024 12:00:00 AM
Project:		Date Received:	3/1/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BM031624
Lab Sample ID:	P1717-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 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
BM044626.D	1	3/13/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159573

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	100	U	100	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199658	7.698				
1146-65-2	Naphthalene-d8	775681	10.48				
15067-26-2	Acenaphthene-d10	467482	14.345				
1517-22-2	Phenanthrene-d10	980035	17.098				

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Report of Analysis

Client:				Date Collected:	3/1/2024 12:00:00 AM
Project:				Date Received:	3/1/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK			SDG No.:	BM031624
Lab Sample ID:	P1717-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	10	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
BM044626.D	1	3/13/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159573

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	972235	21.292				
1520-96-3	Perylene-d12	1185079	23.544				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	140	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0745			SDG No.:	BM031624
Lab Sample ID:	P1759-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044627.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

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:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0745			SDG No.:	BM031624
Lab Sample ID:	P1759-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044627.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

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:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0745			SDG No.:	BM031624
Lab Sample ID:	P1759-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044627.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

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	4.678		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	7.815		20-120		20	SPK: -40
4165-62-2	Phenol-d5	4.795		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.658		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.108		20-130		53	SPK: -40
190780-66-6	4-Methylphenol-d8	11.495		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	32.458		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.896		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.588		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.498		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.127		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	32.254		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.954	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	34.239		25-125		86	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.087		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	36.496		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	34.656		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.982		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172276	7.698				
1146-65-2	Naphthalene-d8	702460	10.48				
15067-26-2	Acenaphthene-d10	433860	14.345				
1517-22-2	Phenanthrene-d10	900655	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0745			SDG No.:	BM031624
Lab Sample ID:	P1759-11			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044627.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	869356	21.297				
1520-96-3	Perylene-d12	1093644	23.544				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0746			SDG No.:	BM031624
Lab Sample ID:	P1759-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044628.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

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

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0746			SDG No.:	BM031624
Lab Sample ID:	P1759-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044628.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

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

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0746			SDG No.:	BM031624
Lab Sample ID:	P1759-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044628.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.009		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	9.074		20-120		23	SPK: -40
4165-62-2	Phenol-d5	5.072		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.217		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.742		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	12.788		25-125		32	SPK: -40
4165-60-0	Nitrobenzene-d5	36.94		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.521		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.652		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.895		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.515		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	37.221		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.152	*	10-150		5	SPK: -40
81103-79-9	Fluorene-d10	39.112		25-125		98	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.888		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	41.951		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	41.895		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.127		20-130		105	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162590	7.699				
1146-65-2	Naphthalene-d8	655229	10.481				
15067-26-2	Acenaphthene-d10	383585	14.345				
1517-22-2	Phenanthrene-d10	778208	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0746			SDG No.:	BM031624
Lab Sample ID:	P1759-12			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044628.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	696549	21.298				
1520-96-3	Perylene-d12	845810	23.545				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0731			SDG No.:	BM031624
Lab Sample ID:	P1759-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	26.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044629.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	9	91	ug/Kg
100-52-7	Benzaldehyde	100	U	100	110	450	ug/Kg
110-86-1	Pyridine	59	U	59	220	450	ug/Kg
108-95-2	Phenol	61	J	48	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	110	450	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	57.9	230	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37	U	37	110	450	ug/Kg
98-86-2	Acetophenone	140	J	52	110	450	ug/Kg
106-44-5	4-Methylphenol	44	U	44	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	39	U	39	57.9	230	ug/Kg
67-72-1	Hexachloroethane	31	U	31	57.9	230	ug/Kg
98-95-3	Nitrobenzene	49	U	49	57.9	230	ug/Kg
78-59-1	Isophorone	46	U	46	57.9	230	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	57.9	230	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	57.9	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	57.9	230	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	57.9	230	ug/Kg
91-20-3	Naphthalene	46	U	46	57.9	230	ug/Kg
106-47-8	4-Chloroaniline	59	U	59	57.9	450	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	57.9	230	ug/Kg
105-60-2	Caprolactam	160	U	160	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	38	U	38	57.9	230	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	57.9	230	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	57.9	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	57.9	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	57.9	230	ug/Kg
92-52-4	1,1-Biphenyl	65	U	65	57.9	230	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	61	57.9	230	ug/Kg
88-74-4	2-Nitroaniline	30	U	30	57.9	230	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0731			SDG No.:	BM031624
Lab Sample ID:	P1759-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	26.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044629.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	57	U	57	57.9	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	57.9	230	ug/Kg
208-96-8	Acenaphthylene	59	U	59	57.9	230	ug/Kg
99-09-2	3-Nitroaniline	27	U	27	110	450	ug/Kg
83-32-9	Acenaphthene	84	J	56	57.9	230	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	110	450	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	450	ug/Kg
132-64-9	Dibenzofuran	89	J	63	57.9	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	57.9	230	ug/Kg
84-66-2	Diethylphthalate	82	U	82	57.9	230	ug/Kg
86-73-7	Fluorene	130	J	61	57.9	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64	U	64	57.9	230	ug/Kg
100-01-6	4-Nitroaniline	57	U	57	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	22	U	22	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	57.9	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	69	U	69	57.9	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61	U	61	57.9	230	ug/Kg
118-74-1	Hexachlorobenzene	68	U	68	57.9	230	ug/Kg
1912-24-9	Atrazine	53	U	53	110	450	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	450	ug/Kg
85-01-8	Phenanthrene	960		60	57.9	230	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	57.9	230	ug/Kg
120-12-7	Anthracene	280		59	57.9	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	45	U	45	57.9	230	ug/Kg
86-74-8	Carbazole	79	J	61	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	57.9	230	ug/Kg
206-44-0	Fluoranthene	790		60	110	230	ug/Kg
129-00-0	Pyrene	620		60	57.9	230	ug/Kg
85-68-7	Butylbenzylphthalate	44	U	44	57.9	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	390		53	57.9	230	ug/Kg
218-01-9	Chrysene	320		61	57.9	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	U	60	57.9	230	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0731			SDG No.:	BM031624
Lab Sample ID:	P1759-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	26.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044629.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	46	U	46	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	320		57	57.9	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	61	57.9	230	ug/Kg
50-32-8	Benzo(a)pyrene	260		57	57.9	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	50	57.9	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	U	50	57.9	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	48	57.9	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	57.9	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.52		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	5.33	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	12.4		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.96		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.25		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	11.76		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	14.35		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.73		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.84		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.54		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.22		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	14.44		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.89		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	15.86		20-140		40	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.52		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	16.35		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	15.82		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.47		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148675	7.698				
1146-65-2	Naphthalene-d8	594419	10.481				
15067-26-2	Acenaphthene-d10	347651	14.345				
1517-22-2	Phenanthrene-d10	720984	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0731			SDG No.:	BM031624
Lab Sample ID:	P1759-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	26.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044629.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	699532	21.297				
1520-96-3	Perylene-d12	802126	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
007320-53-8	Dibenzofuran, 4-methyl-	93	J			15.839	
002531-84-2	Phenanthrene, 2-methyl-	190	J			17.974	
000832-69-9	Phenanthrene, 1-methyl-	430	J			18.021	
000610-48-0	Anthracene, 1-methyl-	120	J			18.104	
000203-64-5	4H-Cyclopenta[def]phenanthrene	270	J			18.168	
000613-12-7	Anthracene, 2-methyl-	110	J			18.209	
000612-94-2	Naphthalene, 2-phenyl-	93	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	110	J			18.898	
001576-69-8	Phenanthrene, 2,7-dimethyl-	95	J			18.968	
005737-13-3	Cyclopenta(def)phenanthrenone	130	J			19.039	
	(DEL) Alkane: Cyclic21.027	120	J			21.027	
007683-64-9	Supraene	330	J			22.503	
E966796	Total Alkanes	120				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737			SDG No.:	BM031624
Lab Sample ID:	P1759-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044630.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	81	ug/Kg
100-52-7	Benzaldehyde	91	U	91	99.9	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.5	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.9	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.9	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.5	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.5	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.5	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.5	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.5	210	ug/Kg
105-60-2	Caprolactam	150	U	150	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.5	210	ug/Kg
92-52-4	1,1-Biphenyl	58	U	58	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.5	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737			SDG No.:	BM031624
Lab Sample ID:	P1759-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044630.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	51	U	51	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.5	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.9	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	99.9	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.5	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.5	210	ug/Kg
86-73-7	Fluorene	54	U	54	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.5	210	ug/Kg
1912-24-9	Atrazine	47	U	47	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.9	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.5	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.5	210	ug/Kg
86-74-8	Carbazole	54	U	54	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.5	210	ug/Kg
206-44-0	Fluoranthene	53	U	53	99.9	210	ug/Kg
129-00-0	Pyrene	53	U	53	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.5	210	ug/Kg
218-01-9	Chrysene	54	U	54	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.5	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737			SDG No.:	BM031624
Lab Sample ID:	P1759-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044630.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	41	U	41	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.093		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	14.02		20-120		35	SPK: -40
4165-62-2	Phenol-d5	15.614		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.779		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.416		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	14.144		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	17.937		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.654		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.268		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.38		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.878		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.629		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.604		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	21.191		20-140		53	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.935		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	21.707		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	21.301		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.792		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169419	7.698				
1146-65-2	Naphthalene-d8	689386	10.481				
15067-26-2	Acenaphthene-d10	406882	14.345				
1517-22-2	Phenanthrene-d10	850392	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737			SDG No.:	BM031624
Lab Sample ID:	P1759-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044630.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	800920	21.298				
1520-96-3	Perylene-d12	970816	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			18.009	
	(DEL) Alkane: Cyclic21.021	130	J			21.021	
E966796	Total Alkanes	130				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0740			SDG No.:	BM031624
Lab Sample ID:	P1759-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044631.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.5	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.5	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.5	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.3	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.5	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.5	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.5	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.5	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.3	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.3	210	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.3	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.3	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.3	210	ug/Kg
105-60-2	Caprolactam	140	U	140	99.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.5	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.3	210	ug/Kg
92-52-4	1,1-Biphenyl	58	U	58	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.3	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0740			SDG No.:	BM031624
Lab Sample ID:	P1759-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044631.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	51	U	51	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.3	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.5	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.5	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.5	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.3	210	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.3	210	ug/Kg
86-73-7	Fluorene	54	U	54	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.5	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.5	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.3	210	ug/Kg
1912-24-9	Atrazine	47	U	47	99.5	400	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	99.5	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.3	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.3	210	ug/Kg
86-74-8	Carbazole	54	U	54	99.5	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.3	210	ug/Kg
206-44-0	Fluoranthene	53	U	53	99.5	210	ug/Kg
129-00-0	Pyrene	53	U	53	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.5	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.3	210	ug/Kg
218-01-9	Chrysene	54	U	54	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.3	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0740			SDG No.:	BM031624
Lab Sample ID:	P1759-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044631.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	41	U	41	99.5	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.379		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	11.388		20-120		28	SPK: -40
4165-62-2	Phenol-d5	17.242		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.132		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.376		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.113		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	20.565		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.523		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.143		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.897		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.444		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	21.896		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.156		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	23.382		20-140		58	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.841		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	24.408		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	23.938		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.5		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160906	7.698				
1146-65-2	Naphthalene-d8	653102	10.48				
15067-26-2	Acenaphthene-d10	389628	14.345				
1517-22-2	Phenanthrene-d10	797391	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0740			SDG No.:	BM031624
Lab Sample ID:	P1759-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044631.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	724626	21.291				
1520-96-3	Perylene-d12	849371	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	280	J			4.463	
000057-10-3	n-Hexadecanoic acid	130	J			18.003	
1000406-04-8	Pentadecafluorooctanoic acid, octa	140	J			21.027	
E966796	Total Alkanes	58	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0740MS			SDG No.:	BM031624
Lab Sample ID:	P1759-15MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044632.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	540		16	8	81	ug/Kg
100-52-7	Benzaldehyde	1500		91	99.7	400	ug/Kg
110-86-1	Pyridine	1200		52	200	400	ug/Kg
108-95-2	Phenol	1400		42	99.7	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		41	99.7	400	ug/Kg
95-57-8	2-Chlorophenol	1400		34	51.4	210	ug/Kg
95-48-7	2-Methylphenol	1400		36	99.7	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		33	99.7	400	ug/Kg
98-86-2	Acetophenone	1400		46	99.7	400	ug/Kg
106-44-5	4-Methylphenol	1300		39	99.7	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		35	51.4	210	ug/Kg
67-72-1	Hexachloroethane	1500		28	51.4	210	ug/Kg
98-95-3	Nitrobenzene	1600		43	51.4	210	ug/Kg
78-59-1	Isophorone	1500		41	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	1500		39	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		34	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		46	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		47	51.4	210	ug/Kg
91-20-3	Naphthalene	1500		41	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	1000		52	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	1600		41	51.4	210	ug/Kg
105-60-2	Caprolactam	1400		140	99.7	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		34	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	1500		50	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	1500		45	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		95	99.7	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		52	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		51	51.4	210	ug/Kg
92-52-4	1,1-Biphenyl	1500		58	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	1500		54	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	1600		27	51.4	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0740MS			SDG No.:	BM031624
Lab Sample ID:	P1759-15MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044632.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1500		51	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		25	51.4	210	ug/Kg
208-96-8	Acenaphthylene	1500		52	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	1500		24	99.7	400	ug/Kg
83-32-9	Acenaphthene	1500		50	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		140	99.7	400	ug/Kg
100-02-7	4-Nitrophenol	1500		50	99.7	400	ug/Kg
132-64-9	Dibenzofuran	1500		56	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		33	51.4	210	ug/Kg
84-66-2	Diethylphthalate	1500		72	51.4	210	ug/Kg
86-73-7	Fluorene	1500		54	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		57	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	1800		51	99.7	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		19	99.7	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		51	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		62	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		54	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	1700		60	51.4	210	ug/Kg
1912-24-9	Atrazine	840		47	99.7	400	ug/Kg
87-86-5	Pentachlorophenol	1500		110	99.7	400	ug/Kg
85-01-8	Phenanthrene	1600		53	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	1700		62	51.4	210	ug/Kg
120-12-7	Anthracene	1600		52	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700		40	51.4	210	ug/Kg
86-74-8	Carbazole	1600		54	99.7	400	ug/Kg
84-74-2	Di-n-butylphthalate	1600		51	51.4	210	ug/Kg
206-44-0	Fluoranthene	1600		53	99.7	210	ug/Kg
129-00-0	Pyrene	1600		53	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	1500		39	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		28	99.7	400	ug/Kg
56-55-3	Benzo(a)anthracene	1500		47	51.4	210	ug/Kg
218-01-9	Chrysene	1500		54	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		53	51.4	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0740MS			SDG No.:	BM031624
Lab Sample ID:	P1759-15MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044632.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1600		41	99.7	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		51	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		54	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	1600		51	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		45	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		45	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		42	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		45	51.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.714		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	13.573		20-120		34	SPK: -40
4165-62-2	Phenol-d5	20.562		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.305		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.291		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.863		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	23.247		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.538		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.679		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.381		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.655		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.397		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.753		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	23.623		20-140		59	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.017		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	24.631		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	24.279		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.742		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182074	7.698				
1146-65-2	Naphthalene-d8	755867	10.48				
15067-26-2	Acenaphthene-d10	456147	14.345				
1517-22-2	Phenanthrene-d10	903472	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0740MS			SDG No.:	BM031624
Lab Sample ID:	P1759-15MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044632.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	807181	21.297				
1520-96-3	Perylene-d12	895407	23.544				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	58	U			99	ug/Kg

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Report of Analysis

Client:			Date Collected:	3/12/2024 12:00:00 AM	
Project:			Date Received:	3/12/2024 12:00:00 AM	
Client Sample ID:	E0740MSD		SDG No.:	BM031624	
Lab Sample ID:	P1759-16MSD		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	17.4	
Sample Wt/Vol:	30.04 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
BM044633.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	560		16	8	81	ug/Kg
100-52-7	Benzaldehyde	1500		91	99.7	400	ug/Kg
110-86-1	Pyridine	1300		52	200	400	ug/Kg
108-95-2	Phenol	1400		42	99.7	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		41	99.7	400	ug/Kg
95-57-8	2-Chlorophenol	1500		34	51.4	210	ug/Kg
95-48-7	2-Methylphenol	1400		36	99.7	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		33	99.7	400	ug/Kg
98-86-2	Acetophenone	1400		46	99.7	400	ug/Kg
106-44-5	4-Methylphenol	1400		39	99.7	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		35	51.4	210	ug/Kg
67-72-1	Hexachloroethane	1500		28	51.4	210	ug/Kg
98-95-3	Nitrobenzene	1700		44	51.4	210	ug/Kg
78-59-1	Isophorone	1600		41	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	1600		39	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		34	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600		46	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		47	51.4	210	ug/Kg
91-20-3	Naphthalene	1600		41	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	1100		52	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	1700		41	51.4	210	ug/Kg
105-60-2	Caprolactam	1500		150	99.7	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		34	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	1600		50	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	1600		45	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		96	99.7	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		52	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		51	51.4	210	ug/Kg
92-52-4	1,1-Biphenyl	1600		58	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	1600		54	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	1700		27	51.4	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0740MSD			SDG No.:	BM031624
Lab Sample ID:	P1759-16MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30.04	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
BM044633.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1600		51	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		25	51.4	210	ug/Kg
208-96-8	Acenaphthylene	1600		52	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	1600		24	99.7	400	ug/Kg
83-32-9	Acenaphthene	1600		50	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		150	99.7	400	ug/Kg
100-02-7	4-Nitrophenol	1600		50	99.7	400	ug/Kg
132-64-9	Dibenzofuran	1600		56	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		33	51.4	210	ug/Kg
84-66-2	Diethylphthalate	1600		73	51.4	210	ug/Kg
86-73-7	Fluorene	1600		54	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		57	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	1900		51	99.7	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		19	99.7	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1700		51	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		62	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		54	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	1800		60	51.4	210	ug/Kg
1912-24-9	Atrazine	880		47	99.7	400	ug/Kg
87-86-5	Pentachlorophenol	1500		110	99.7	400	ug/Kg
85-01-8	Phenanthrene	1700		53	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	1800		62	51.4	210	ug/Kg
120-12-7	Anthracene	1600		52	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700		40	51.4	210	ug/Kg
86-74-8	Carbazole	1600		54	99.7	400	ug/Kg
84-74-2	Di-n-butylphthalate	1700		51	51.4	210	ug/Kg
206-44-0	Fluoranthene	1600		53	99.7	210	ug/Kg
129-00-0	Pyrene	1700		53	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	1600		39	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		28	99.7	400	ug/Kg
56-55-3	Benzo(a)anthracene	1600		47	51.4	210	ug/Kg
218-01-9	Chrysene	1600		54	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		53	51.4	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0740MSD			SDG No.:	BM031624
Lab Sample ID:	P1759-16MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30.04	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
BM044633.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1600		41	99.7	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		51	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		54	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	1600		51	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		45	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		45	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		42	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		45	51.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.114		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	14.088		20-120		35	SPK: -40
4165-62-2	Phenol-d5	21.191		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.238		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.949		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.834		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	24.26		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.936		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.424		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.406		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.906		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.556		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.062		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	24.837		20-140		62	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.015		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	25.424		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	25.408		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.607		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173671	7.698				
1146-65-2	Naphthalene-d8	717293	10.481				
15067-26-2	Acenaphthene-d10	430234	14.345				
1517-22-2	Phenanthrene-d10	865219	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0740MSD			SDG No.:	BM031624
Lab Sample ID:	P1759-16MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30.04	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
BM044633.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	771079	21.298				
1520-96-3	Perylene-d12	872584	23.544				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	58	U			99	ug/Kg

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Report of Analysis

Client:		Date Collected:	3/14/2024 12:00:00 AM
Project:		Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SLCS597	SDG No.:	BM031624
Lab Sample ID:	PB159597BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044634.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

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
100-52-7	Benzaldehyde	34		2.5	5	10	ug/L
110-86-1	Pyridine	30		1.4	10	10	ug/L
108-95-2	Phenol	33		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	33		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	35		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	32		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36		1.4	5	10	ug/L
98-86-2	Acetophenone	33		1.5	5	10	ug/L
106-44-5	4-Methylphenol	32		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	33		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	36		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	38		1.4	2.5	5	ug/L
78-59-1	Isophorone	36		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	37		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	36		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	36		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	38		1.5	2.5	5	ug/L
91-20-3	Naphthalene	37		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	40		1.2	2.5	5	ug/L
105-60-2	Caprolactam	32		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	36		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	36		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	36		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	35		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	36		1.5	2.5	5	ug/L
92-52-4	1,1-Biphenyl	36		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	36		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	38		1.2	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SLCS597			SDG No.:	BM031624
Lab Sample ID:	PB159597BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044634.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	35		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	36		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		0.84	5	10	ug/L
83-32-9	Acenaphthene	36		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	31		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	37		1.5	5	10	ug/L
132-64-9	Dibenzofuran	36		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	36		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	36		1.5	2.5	5	ug/L
86-73-7	Fluorene	36		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	40		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	38		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	40		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	40		1.6	2.5	5	ug/L
1912-24-9	Atrazine	19		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	35		3.6	5	10	ug/L
85-01-8	Phenanthrene	38		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	41		1.5	2.5	5	ug/L
120-12-7	Anthracene	38		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	41		1.2	2.5	5	ug/L
86-74-8	Carbazole	38		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	37		1.7	5	5	ug/L
129-00-0	Pyrene	37		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	36		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	39		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	38		1.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SLCS597			SDG No.:	BM031624
Lab Sample ID:	PB159597BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044634.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	36		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	36		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	37		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	37		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	41		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	40		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.465		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	30.987		20-120		77	SPK: -40
4165-62-2	Phenol-d5	31.905		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.293		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.149		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	30.919		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	36.637		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.082		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.734		20-120		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.482		1-146		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.939		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	35.33		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.304		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	35.277		25-125		88	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.546		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	36.992		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	36.147		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.294		20-130		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171621	7.698				
1146-65-2	Naphthalene-d8	704480	10.481				
15067-26-2	Acenaphthene-d10	419773	14.345				
1517-22-2	Phenanthrene-d10	821382	17.098				

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SLCS597			SDG No.:	BM031624
Lab Sample ID:	PB159597BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044634.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	736180	21.298				
1520-96-3	Perylene-d12	828475	23.544				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK597			SDG No.:	BM031624
Lab Sample ID:	PB159597BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044636.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
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:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK597			SDG No.:	BM031624
Lab Sample ID:	PB159597BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044636.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

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:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK597			SDG No.:	BM031624
Lab Sample ID:	PB159597BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044636.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

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	6.036		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	28.979		20-120		72	SPK: -40
4165-62-2	Phenol-d5	27.811		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.306		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.576		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	26.935		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	32.202		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.535		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.721		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.482		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.629		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	30.968		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.419		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	31.9		25-125		80	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.615		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	33.469		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	32.969		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.719		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	199884	7.698				
1146-65-2	Naphthalene-d8	807267	10.481				
15067-26-2	Acenaphthene-d10	484912	14.345				
1517-22-2	Phenanthrene-d10	982633	17.098				

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK597			SDG No.:	BM031624
Lab Sample ID:	PB159597BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044636.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	895034	21.292				
1520-96-3	Perylene-d12	1050570	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK595			SDG No.:	BM031624
Lab Sample ID:	PB159595BL			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
BM044637.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

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
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	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:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK595			SDG No.:	BM031624
Lab Sample ID:	PB159595BL			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
BM044637.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

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:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK595			SDG No.:	BM031624
Lab Sample ID:	PB159595BL			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
BM044637.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

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	6.103		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	29.07		20-120		73	SPK: -40
4165-62-2	Phenol-d5	27.853		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.007		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.957		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	27.09		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	32.445		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.627		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.719		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.335		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.307		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.519		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.165		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	32.658		20-140		82	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.007		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	33.348		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	34.117		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.316		10-140		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157263	7.698				
1146-65-2	Naphthalene-d8	635746	10.475				
15067-26-2	Acenaphthene-d10	371511	14.345				
1517-22-2	Phenanthrene-d10	761689	17.098				

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SBLK595			SDG No.:	BM031624
Lab Sample ID:	PB159595BL			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
BM044637.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	665220	21.297				
1520-96-3	Perylene-d12	779404	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0732			SDG No.:	BM031624
Lab Sample ID:	P1759-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.2
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
BM044638.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	93	U	93	100	410	ug/Kg
110-86-1	Pyridine	53	U	53	200	410	ug/Kg
108-95-2	Phenol	43	U	43	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.4	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.4	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52.4	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52.4	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.4	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	52.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.4	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52.4	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.4	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	52.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	52.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.4	210	ug/Kg
92-52-4	1,1-Biphenyl	59	U	59	52.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	52.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.4	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0732			SDG No.:	BM031624
Lab Sample ID:	P1759-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.2
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
BM044638.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	52	U	52	52.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.4	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.4	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	52.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	52.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.4	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.4	210	ug/Kg
86-73-7	Fluorene	56	U	56	52.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.4	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	52.4	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.4	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	54	U	54	52.4	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.4	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.4	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.4	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	100	210	ug/Kg
129-00-0	Pyrene	54	U	54	52.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	52.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.4	210	ug/Kg
218-01-9	Chrysene	56	U	56	52.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.4	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0732			SDG No.:	BM031624
Lab Sample ID:	P1759-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.2
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
BM044638.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	52.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	52.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	52.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	52.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	52.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.691		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	13.6		20-120		34	SPK: -40
4165-62-2	Phenol-d5	15.514		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.146		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.024		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.932		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	18.531		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.555		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.603		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.023		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.092		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.052		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.026		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	22.651		20-140		57	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.025		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	23.514		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	23.239		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.791		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207259	7.698				
1146-65-2	Naphthalene-d8	842464	10.481				
15067-26-2	Acenaphthene-d10	503896	14.339				
1517-22-2	Phenanthrene-d10	1030756	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0732			SDG No.:	BM031624
Lab Sample ID:	P1759-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.2
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
BM044638.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	957499	21.292				
1520-96-3	Perylene-d12	1130173	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	200	J			18.01	
	(DEL) Alkane: Straight-Chain21.027	150	J			21.027	
007683-64-9	Supraene	170	J			22.503	
E966796	Total Alkanes	150				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0736			SDG No.:	BM031624
Lab Sample ID:	P1759-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044639.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.5	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.5	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.5	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.3	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.5	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.5	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.5	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.5	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.3	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.3	210	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.3	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.3	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.3	210	ug/Kg
105-60-2	Caprolactam	140	U	140	99.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.5	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.3	210	ug/Kg
92-52-4	1,1-Biphenyl	58	U	58	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.3	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0736			SDG No.:	BM031624
Lab Sample ID:	P1759-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044639.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	51	U	51	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.3	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.5	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.5	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.5	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.3	210	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.3	210	ug/Kg
86-73-7	Fluorene	54	U	54	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.5	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.5	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.3	210	ug/Kg
1912-24-9	Atrazine	47	U	47	99.5	400	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	99.5	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.3	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.3	210	ug/Kg
86-74-8	Carbazole	54	U	54	99.5	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.3	210	ug/Kg
206-44-0	Fluoranthene	53	U	53	99.5	210	ug/Kg
129-00-0	Pyrene	53	U	53	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.5	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.3	210	ug/Kg
218-01-9	Chrysene	54	U	54	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.3	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0736			SDG No.:	BM031624
Lab Sample ID:	P1759-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044639.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	41	U	41	99.5	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.936		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	13.347		20-120		33	SPK: -40
4165-62-2	Phenol-d5	15.059		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.094		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.196		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	14.585		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	18.227		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.706		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.381		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.846		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.529		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.417		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.47		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	21.065		20-140		53	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.406		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	21.447		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	21.397		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.93		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156715	7.698				
1146-65-2	Naphthalene-d8	626368	10.48				
15067-26-2	Acenaphthene-d10	361286	14.345				
1517-22-2	Phenanthrene-d10	743813	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0736			SDG No.:	BM031624
Lab Sample ID:	P1759-06			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
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
BM044639.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	695029	21.292				
1520-96-3	Perylene-d12	811258	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	110	J			13.239	
000057-10-3	n-Hexadecanoic acid	170	J			18.003	
1000406-04-8	Pentadecafluorooctanoic acid, octa	140	J			21.027	
E966796	Total Alkanes	58	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0733			SDG No.:	BM031624
Lab Sample ID:	P1759-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.6
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
BM044640.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.4	75	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93	370	ug/Kg
110-86-1	Pyridine	48	U	48	190	370	ug/Kg
108-95-2	Phenol	39	U	39	93	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	93	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	47.9	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	93	370	ug/Kg
98-86-2	Acetophenone	43	U	43	93	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	47.9	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	47.9	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	47.9	190	ug/Kg
78-59-1	Isophorone	38	U	38	47.9	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	47.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	47.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	47.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	47.9	190	ug/Kg
91-20-3	Naphthalene	38	U	38	47.9	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	47.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	47.9	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	47.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	47.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	89	U	89	93	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	47.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	47.9	190	ug/Kg
92-52-4	1,1-Biphenyl	54	U	54	47.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	47.9	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.9	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0733			SDG No.:	BM031624
Lab Sample ID:	P1759-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.6
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
BM044640.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	47	U	47	47.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	47.9	190	ug/Kg
208-96-8	Acenaphthylene	48	U	48	47.9	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	47.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	93	370	ug/Kg
132-64-9	Dibenzofuran	52	U	52	47.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	47.9	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	47.9	190	ug/Kg
86-73-7	Fluorene	51	U	51	47.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.9	190	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	93	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	47.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	47.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	47.9	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.9	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	93	370	ug/Kg
85-01-8	Phenanthrene	50	U	50	47.9	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.9	190	ug/Kg
120-12-7	Anthracene	48	U	48	47.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	47.9	190	ug/Kg
86-74-8	Carbazole	51	U	51	93	370	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	47.9	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	93	190	ug/Kg
129-00-0	Pyrene	50	U	50	47.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	47.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.9	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	47.9	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0733			SDG No.:	BM031624
Lab Sample ID:	P1759-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.6
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
BM044640.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	38	U	38	93	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	47.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	47.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	47.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	47.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	47.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	47.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	47.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.494		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	14.748		20-120		37	SPK: -40
4165-62-2	Phenol-d5	18.541		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.41		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.534		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.397		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	22.134		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.236		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.107		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.298		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.537		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.045		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.209		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	25.754		20-140		64	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.893		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	26.692		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	26.299		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.264		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169626	7.698				
1146-65-2	Naphthalene-d8	683504	10.48				
15067-26-2	Acenaphthene-d10	401810	14.339				
1517-22-2	Phenanthrene-d10	823676	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0733			SDG No.:	BM031624
Lab Sample ID:	P1759-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.6
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
BM044640.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	765686	21.291				
1520-96-3	Perylene-d12	913432	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	150	J			13.239	
000057-10-3	n-Hexadecanoic acid	220	J			18.009	
1000406-04-8	Pentadecafluorooctanoic acid, octa	180	J			21.021	
007683-64-9	Supraene	270	J			22.503	
E966796	Total Alkanes	54	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0738			SDG No.:	BM031624
Lab Sample ID:	P1759-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.4
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
BM044641.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.5	86	ug/Kg
110-86-1	Pyridine	55	U	55	210	420	ug/Kg
100-52-7	Benzaldehyde	96	U	96	110	420	ug/Kg
108-95-2	Phenol	45	U	45	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.6	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	110	420	ug/Kg
98-86-2	Acetophenone	49	U	49	110	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	54.6	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	54.6	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.6	220	ug/Kg
78-59-1	Isophorone	44	U	44	54.6	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.6	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	54.6	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	54.6	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.6	220	ug/Kg
91-20-3	Naphthalene	44	U	44	54.6	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	54.6	220	ug/Kg
105-60-2	Caprolactam	150	U	150	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.6	220	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	54.6	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	54.6	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.6	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	54.6	220	ug/Kg
92-52-4	1,1-Biphenyl	62	U	62	54.6	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	54.6	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.6	220	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0738			SDG No.:	BM031624
Lab Sample ID:	P1759-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.4
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
BM044641.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	54	U	54	54.6	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.6	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.6	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	420	ug/Kg
83-32-9	Acenaphthene	53	U	53	54.6	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	110	420	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	110	420	ug/Kg
132-64-9	Dibenzofuran	59	U	59	54.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	54.6	220	ug/Kg
84-66-2	Diethylphthalate	77	U	77	54.6	220	ug/Kg
86-73-7	Fluorene	58	U	58	54.6	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	54.6	220	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	54.6	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	54.6	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	54.6	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.6	220	ug/Kg
1912-24-9	Atrazine	50	U	50	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	57	U	57	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54.6	220	ug/Kg
120-12-7	Anthracene	55	U	55	54.6	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	54.6	220	ug/Kg
86-74-8	Carbazole	58	U	58	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	54.6	220	ug/Kg
206-44-0	Fluoranthene	57	U	57	110	220	ug/Kg
129-00-0	Pyrene	57	U	57	54.6	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.6	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	50	54.6	220	ug/Kg
218-01-9	Chrysene	58	U	58	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	U	57	54.6	220	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0738			SDG No.:	BM031624
Lab Sample ID:	P1759-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.4
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
BM044641.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	44	U	44	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	54.6	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.6	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	54.6	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.618		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	13.253		20-120		33	SPK: -40
4165-62-2	Phenol-d5	14.933		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.443		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.556		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	15.067		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	17.491		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.178		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.774		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.558		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.322		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.204		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.059		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	20.69		20-140		52	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.724		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	21.356		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	21.421		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.504		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	181563	7.698				
1146-65-2	Naphthalene-d8	750607	10.475				
15067-26-2	Acenaphthene-d10	449509	14.339				
1517-22-2	Phenanthrene-d10	918277	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0738			SDG No.:	BM031624
Lab Sample ID:	P1759-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.4
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
BM044641.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	837139	21.292				
1520-96-3	Perylene-d12	976110	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	160	J			13.239	
000057-10-3	n-Hexadecanoic acid	190	J			18.009	
1000406-04-8	Pentadecafluorooctanoic acid, octa	180	J			21.027	
E966796	Total Alkanes	62	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0734			SDG No.:	BM031624
Lab Sample ID:	P1759-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044642.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.6	77	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.4	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	40	U	40	95.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	95.4	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.1	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.4	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.4	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.1	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.1	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.1	200	ug/Kg
78-59-1	Isophorone	39	U	39	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.1	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	49.1	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	91	U	91	95.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.1	200	ug/Kg
92-52-4	1,1-Biphenyl	55	U	55	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0734			SDG No.:	BM031624
Lab Sample ID:	P1759-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044642.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	49	U	49	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.1	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.4	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.4	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	95.4	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.1	200	ug/Kg
84-66-2	Diethylphthalate	69	U	69	49.1	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	95.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	95.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.1	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.4	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.4	380	ug/Kg
85-01-8	Phenanthrene	51	U	51	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.1	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.1	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.1	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	95.4	200	ug/Kg
129-00-0	Pyrene	51	U	51	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.1	200	ug/Kg
218-01-9	Chrysene	52	U	52	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.1	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0734			SDG No.:	BM031624
Lab Sample ID:	P1759-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044642.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	39	U	39	95.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.436		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	15.745		20-120		39	SPK: -40
4165-62-2	Phenol-d5	18.877		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.318		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.603		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	19.001		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	22.044		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.591		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.96		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.425		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.071		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.601		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.237		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	24.792		20-140		62	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.936		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	25.853		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	25.806		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.877		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175993	7.698				
1146-65-2	Naphthalene-d8	718619	10.475				
15067-26-2	Acenaphthene-d10	425069	14.339				
1517-22-2	Phenanthrene-d10	858205	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0734			SDG No.:	BM031624
Lab Sample ID:	P1759-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044642.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	785339	21.292				
1520-96-3	Perylene-d12	916338	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	290	J			4.463	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	330	J			13.239	
000057-10-3	n-Hexadecanoic acid	390	J			18.009	
000112-80-1	Oleic Acid	200	J			19.174	
000057-11-4	Octadecanoic acid	110	J			19.298	
000106-14-9	12-Hydroxystearic acid	89	J			20.38	
1000406-04-8	Pentadecafluorooctanoic acid, octa	210	J			21.027	
007683-64-9	Supraene	590	J			22.503	
E966796	Total Alkanes	55	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0739			SDG No.:	BM031624
Lab Sample ID:	P1759-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.7
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
BM044643.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
100-52-7	Benzaldehyde	93	U	93	100	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.9	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.9	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	52.9	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	52.9	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	52.9	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.9	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98	U	98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.9	210	ug/Kg
92-52-4	1,1-Biphenyl	60	U	60	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.9	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0739			SDG No.:	BM031624
Lab Sample ID:	P1759-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.7
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
BM044643.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	52	U	52	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.9	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	52.9	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	52.9	210	ug/Kg
86-73-7	Fluorene	56	U	56	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.9	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	55	U	55	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.9	210	ug/Kg
120-12-7	Anthracene	54	U	54	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.9	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.9	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg
129-00-0	Pyrene	55	U	55	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	52.9	210	ug/Kg
218-01-9	Chrysene	56	U	56	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	52.9	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0739			SDG No.:	BM031624
Lab Sample ID:	P1759-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.7
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
BM044643.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	52.9	210	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	16.086		20-120		40	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.531		15-120		44	SPK: -8
4165-62-2	Phenol-d5	18.883		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.28		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.642		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.792		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	21.736		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.45		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.394		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.816		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.285		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.412		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.199		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	24.993		20-140		62	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.313		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	25.855		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	24.784		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.282		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169682	7.698				
1146-65-2	Naphthalene-d8	689166	10.475				
15067-26-2	Acenaphthene-d10	414851	14.339				
1517-22-2	Phenanthrene-d10	850370	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0739			SDG No.:	BM031624
Lab Sample ID:	P1759-09			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.7
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
BM044643.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	825257	21.292				
1520-96-3	Perylene-d12	971870	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	170	J			4.463	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	200	J			13.239	
000057-10-3	n-Hexadecanoic acid	210	J			18.009	
1000406-04-8	Pentadecafluorooctanoic acid, octa	220	J			21.027	
E966796	Total Alkanes	60	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0735			SDG No.:	BM031624
Lab Sample ID:	P1759-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BM044644.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	7.9	80	ug/Kg
100-52-7	Benzaldehyde	89	U	89	98.4	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	98.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	98.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.7	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.4	390	ug/Kg
98-86-2	Acetophenone	45	U	45	98.4	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	50.7	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.7	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.7	200	ug/Kg
78-59-1	Isophorone	41	U	41	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	50.7	200	ug/Kg
91-20-3	Naphthalene	41	U	41	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.7	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	98.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.7	200	ug/Kg
92-52-4	1,1-Biphenyl	57	U	57	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0735			SDG No.:	BM031624
Lab Sample ID:	P1759-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BM044644.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	50	U	50	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.7	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.4	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.4	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.4	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.7	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	50.7	200	ug/Kg
86-73-7	Fluorene	54	U	54	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.7	200	ug/Kg
1912-24-9	Atrazine	47	U	47	98.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.4	390	ug/Kg
85-01-8	Phenanthrene	53	U	53	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.7	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.7	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.7	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	98.4	200	ug/Kg
129-00-0	Pyrene	53	U	53	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	98.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	50.7	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	50.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0735			SDG No.:	BM031624
Lab Sample ID:	P1759-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BM044644.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	41	U	41	98.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.139		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	15.913		20-120		40	SPK: -40
4165-62-2	Phenol-d5	17.451		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.326		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.378		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.346		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	20.166		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.995		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.722		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.788		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.113		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.287		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.716		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	22.683		20-140		57	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.207		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	23.328		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	23.101		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.49		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166024	7.698				
1146-65-2	Naphthalene-d8	686979	10.475				
15067-26-2	Acenaphthene-d10	412052	14.339				
1517-22-2	Phenanthrene-d10	853240	17.098				

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Report of Analysis

Client:				Date Collected:	3/12/2024 12:00:00 AM
Project:				Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0735			SDG No.:	BM031624
Lab Sample ID:	P1759-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.2
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
BM044644.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	782081	21.292				
1520-96-3	Perylene-d12	919095	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	230	J			4.463	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	100	J			13.239	
000057-10-3	n-Hexadecanoic acid	200	J			18.004	
1000406-04-8	Pentadecafluorooctanoic acid, octa	160	J			21.027	
E966796	Total Alkanes	57	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SLCS595			SDG No.:	BM031624
Lab Sample ID:	PB159595BS			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
BM044645.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	980		75	82.5	330	ug/Kg
110-86-1	Pyridine	860		43	170	330	ug/Kg
108-95-2	Phenol	910		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	920		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	960		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	890		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		27	82.5	330	ug/Kg
98-86-2	Acetophenone	910		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	880		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	930		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	1000		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	940		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		39	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	720		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		34	42.5	170	ug/Kg
105-60-2	Caprolactam	870		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	990		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	950		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	980		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	1000		22	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SLCS595			SDG No.:	BM031624
Lab Sample ID:	PB159595BS			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
BM044645.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	990		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	990		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	970		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	840		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	980		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	990		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	990		60	42.5	170	ug/Kg
86-73-7	Fluorene	1000		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		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	1000		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	490		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	1000		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		44	82.5	170	ug/Kg
129-00-0	Pyrene	1100		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		39	42.5	170	ug/Kg
218-01-9	Chrysene	1000		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		44	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SLCS595			SDG No.:	BM031624
Lab Sample ID:	PB159595BS			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
BM044645.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1000		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		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	1100		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	880		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.276		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	24.9		20-120		62	SPK: -40
4165-62-2	Phenol-d5	25.722		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.263		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.507		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	25.098		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	29.055		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.348		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.169		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.862		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.338		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.475		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.865		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	28.407		20-140		71	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.558		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	29.671		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	30.237		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.673		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196905	7.699				
1146-65-2	Naphthalene-d8	816317	10.475				
15067-26-2	Acenaphthene-d10	488414	14.339				
1517-22-2	Phenanthrene-d10	949369	17.098				

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	SLCS595			SDG No.:	BM031624
Lab Sample ID:	PB159595BS			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
BM044645.D	1	3/14/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159595

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	823369	21.298				
1520-96-3	Perylene-d12	916241	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	3/15/2024 12:00:00 AM
Project:				Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	SLCS622			SDG No.:	BM031624
Lab Sample ID:	PB159622BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044646.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	26		2.5	5	10	ug/L
110-86-1	Pyridine	23		1.4	10	10	ug/L
108-95-2	Phenol	25		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	27		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	25		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.4	5	10	ug/L
98-86-2	Acetophenone	25		1.5	5	10	ug/L
106-44-5	4-Methylphenol	24		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	26		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5	ug/L
78-59-1	Isophorone	27		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	27		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		1.5	2.5	5	ug/L
91-20-3	Naphthalene	28		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	18		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		1.2	2.5	5	ug/L
105-60-2	Caprolactam	24		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	27		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	27		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	28		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	28		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	26		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	27		1.5	2.5	5	ug/L
92-52-4	1,1-Biphenyl	27		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	28		1.2	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/15/2024 12:00:00 AM
Project:				Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	SLCS622			SDG No.:	BM031624
Lab Sample ID:	PB159622BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044646.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	27		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	27		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	26		0.84	5	10	ug/L
83-32-9	Acenaphthene	27		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	23		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	27		1.5	5	10	ug/L
132-64-9	Dibenzofuran	27		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	27		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	27		1.5	2.5	5	ug/L
86-73-7	Fluorene	28		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	28		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	31		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	28		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	31		1.6	2.5	5	ug/L
1912-24-9	Atrazine	15		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	27		3.6	5	10	ug/L
85-01-8	Phenanthrene	29		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.5	2.5	5	ug/L
120-12-7	Anthracene	29		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		1.2	2.5	5	ug/L
86-74-8	Carbazole	28		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	29		1.7	5	5	ug/L
129-00-0	Pyrene	29		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	27		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		1.4	2.5	5	ug/L
218-01-9	Chrysene	28		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29		1.8	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	3/15/2024 12:00:00 AM
Project:				Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	SLCS622			SDG No.:	BM031624
Lab Sample ID:	PB159622BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044646.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	27		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	28		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	31		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	31		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	26		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.977		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	24.956		20-120		62	SPK: -40
4165-62-2	Phenol-d5	25.59		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.142		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.385		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.72		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.944		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.215		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.791		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.32		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.823		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.192		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.785		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	27.964		25-125		70	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.011		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	29.627		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	29.389		15-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.022		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211933	7.699				
1146-65-2	Naphthalene-d8	880276	10.475				
15067-26-2	Acenaphthene-d10	525452	14.339				
1517-22-2	Phenanthrene-d10	1026653	17.098				

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Report of Analysis

Client:				Date Collected:	3/15/2024 12:00:00 AM
Project:				Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	SLCS622			SDG No.:	BM031624
Lab Sample ID:	PB159622BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044646.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	890506	21.292				
1520-96-3	Perylene-d12	1002725	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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

Report of Analysis

Client:		Date Collected:	3/15/2024 12:00:00 AM
Project:		Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	SBLK622	SDG No.:	BM031624
Lab Sample ID:	PB159622BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044647.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159622

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:	3/15/2024 12:00:00 AM
Project:				Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	SBLK622			SDG No.:	BM031624
Lab Sample ID:	PB159622BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044647.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159622

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

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

Report of Analysis

Client:				Date Collected:	3/15/2024 12:00:00 AM
Project:				Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	SBLK622			SDG No.:	BM031624
Lab Sample ID:	PB159622BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044647.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159622

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	6.576		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	30.483		20-120		76	SPK: -40
4165-62-2	Phenol-d5	30.154		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.463		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.6		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	29.149		25-125		73	SPK: -40
4165-60-0	Nitrobenzene-d5	35.373		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.095		20-130		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.637		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.16		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.962		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	34.343		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.879		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	35.043		25-125		88	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.422		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	37.786		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	37.559		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.398		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160115	7.698				
1146-65-2	Naphthalene-d8	641537	10.475				
15067-26-2	Acenaphthene-d10	378855	14.339				
1517-22-2	Phenanthrene-d10	751112	17.098				

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Report of Analysis

Client:				Date Collected:	3/15/2024 12:00:00 AM
Project:				Date Received:	3/15/2024 12:00:00 AM
Client Sample ID:	SBLK622			SDG No.:	BM031624
Lab Sample ID:	PB159622BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044647.D	1	3/15/2024 12:00:00 AM	3/15/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	653522	21.291				
1520-96-3	Perylene-d12	765631	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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

Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ0			SDG No.:	BM031624
Lab Sample ID:	P1779-01			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
BM044648.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.8	J	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:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ0			SDG No.:	BM031624
Lab Sample ID:	P1779-01			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
BM044648.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

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

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

Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ0			SDG No.:	BM031624
Lab Sample ID:	P1779-01			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
BM044648.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

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	6.724		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	12.095		20-120		30	SPK: -40
4165-62-2	Phenol-d5	7.013		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	42.71		25-120		107	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.361		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	16.786		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	46.005		20-125		115	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.146		20-130		105	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.219		20-120		96	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.899		1-146		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.877		25-130		115	SPK: -40
93951-97-4	Acenaphthylene-d8	45.84		10-130		115	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.123		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	47.897		25-125		120	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.884		10-130		97	SPK: -40
1719-06-8	Anthracene-d10	50.164		25-130		125	SPK: -40
1718-52-1	Pyrene-d10	49.465		15-130		124	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	51.443		20-130		129	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138379	7.698				
1146-65-2	Naphthalene-d8	564417	10.475				
15067-26-2	Acenaphthene-d10	332310	14.339				
1517-22-2	Phenanthrene-d10	681482	17.098				

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ0			SDG No.:	BM031624
Lab Sample ID:	P1779-01			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
BM044648.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	617833	21.292				
1520-96-3	Perylene-d12	720819	23.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ2			SDG No.:	BM031624
Lab Sample ID:	P1779-02			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
BM044649.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	J	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:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ2			SDG No.:	BM031624
Lab Sample ID:	P1779-02			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
BM044649.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

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:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ2			SDG No.:	BM031624
Lab Sample ID:	P1779-02			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
BM044649.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

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	4.795		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	8.01		20-120		20	SPK: -40
4165-62-2	Phenol-d5	5.389		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.739		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.104		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	12.717		25-125		32	SPK: -40
4165-60-0	Nitrobenzene-d5	36.386		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.05		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.177		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.04		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.981		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.615		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.34		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	39.445		25-125		99	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.012		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	43.084		25-130		108	SPK: -40
1718-52-1	Pyrene-d10	41.604		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.463		20-130		109	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157844	7.698				
1146-65-2	Naphthalene-d8	643630	10.475				
15067-26-2	Acenaphthene-d10	381918	14.339				
1517-22-2	Phenanthrene-d10	784173	17.098				

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ2			SDG No.:	BM031624
Lab Sample ID:	P1779-02			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
BM044649.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	744661	21.291				
1520-96-3	Perylene-d12	839212	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-94-1	Cyclohexanone	3.8	J			5.781	
000057-10-3	n-Hexadecanoic acid	2.2	J			18.003	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ6			SDG No.:	BM031624
Lab Sample ID:	P1779-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044650.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

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

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ6			SDG No.:	BM031624
Lab Sample ID:	P1779-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044650.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

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

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

Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ6			SDG No.:	BM031624
Lab Sample ID:	P1779-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044650.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.425		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	9.397		20-120		23	SPK: -40
4165-62-2	Phenol-d5	6.653		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.173		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.166		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	15.938		25-125		40	SPK: -40
4165-60-0	Nitrobenzene-d5	41.132		20-125		103	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.463		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.22		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.43		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.272		25-130		103	SPK: -40
93951-97-4	Acenaphthylene-d8	41.019		10-130		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.453		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	43.899		25-125		110	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.192		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	47.782		25-130		119	SPK: -40
1718-52-1	Pyrene-d10	45.493		15-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.77		20-130		119	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160865	7.698				
1146-65-2	Naphthalene-d8	653851	10.475				
15067-26-2	Acenaphthene-d10	390121	14.339				
1517-22-2	Phenanthrene-d10	788434	17.098				

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ6			SDG No.:	BM031624
Lab Sample ID:	P1779-03			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044650.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	747165	21.291				
1520-96-3	Perylene-d12	836194	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-94-1	Cyclohexanone	3	J			5.781	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ8			SDG No.:	BM031624
Lab Sample ID:	P1779-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044651.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

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

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ8			SDG No.:	BM031624
Lab Sample ID:	P1779-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044651.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

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

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ8			SDG No.:	BM031624
Lab Sample ID:	P1779-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044651.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.947		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	7.062	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	6.594		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.837		25-120		97	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.397		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	15.552		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	42.177		20-125		105	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.175		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.341		20-120		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.559		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.84		25-130		102	SPK: -40
93951-97-4	Acenaphthylene-d8	41.249		10-130		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.503		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	42.721		25-125		107	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.259		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	48.666		25-130		122	SPK: -40
1718-52-1	Pyrene-d10	48.006		15-130		120	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	48.914		20-130		122	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160295	7.698				
1146-65-2	Naphthalene-d8	644504	10.474				
15067-26-2	Acenaphthene-d10	377997	14.339				
1517-22-2	Phenanthrene-d10	755653	17.098				

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Report of Analysis

Client:				Date Collected:	3/14/2024 12:00:00 AM
Project:				Date Received:	3/14/2024 12:00:00 AM
Client Sample ID:	C0AJ8			SDG No.:	BM031624
Lab Sample ID:	P1779-04			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044651.D	1	3/15/2024 12:00:00 AM	3/16/2024 12:00:00 AM	PB159622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	670883	21.291				
1520-96-3	Perylene-d12	788359	23.538				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM031624

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**SVOC-GPC-BLANK**								
P1717-05	SVOC-GPC-BLANK	Solid	Total Alkanes	*	0.000		140	510	ug/Kg
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**E0731**								
P1759-01	E0731	Solid	(DEL) Alkane: Cyclic21.027	*	120.000	J			
P1759-01	E0731	Solid	4H-Cyclopenta[def]phenanthrene	*	270.000	J			
P1759-01	E0731	Solid	Anthracene, 1-methyl-	*	120.000	J			
P1759-01	E0731	Solid	Anthracene, 2-methyl-	*	110.000	J			
P1759-01	E0731	Solid	Cyclopenta(def)phenanthrenone	*	130.000	J			
P1759-01	E0731	Solid	Dibenzofuran, 4-methyl-	*	93.000	J			
P1759-01	E0731	Solid	Naphthalene, 2-phenyl-	*	93.000	J			
P1759-01	E0731	Solid	Phenanthrene, 1-methyl-	*	430.000	J			
P1759-01	E0731	Solid	Phenanthrene, 2,5-dimethyl-	*	110.000	J			
P1759-01	E0731	Solid	Phenanthrene, 2,7-dimethyl-	*	95.000	J			
P1759-01	E0731	Solid	Phenanthrene, 2-methyl-	*	190.000	J			
P1759-01	E0731	Solid	Supraene	*	330.000	J			
P1759-01	E0731	Solid	Total Alkanes	*	120.000		65	230	ug/Kg
			Total Tics :		**2,211.00**				
P1759-01	E0731	Solid	Acenaphthene		84.000	J	56	230	ug/Kg
P1759-01	E0731	Solid	Acetophenone		140.000	J	52	450	ug/Kg
P1759-01	E0731	Solid	Anthracene		280.000		59	230	ug/Kg
P1759-01	E0731	Solid	Benzo(a)anthracene		390.000		53	230	ug/Kg
P1759-01	E0731	Solid	Benzo(a)pyrene		260.000		57	230	ug/Kg
P1759-01	E0731	Solid	Benzo(b)fluoranthene		320.000		57	230	ug/Kg
P1759-01	E0731	Solid	Benzo(g,h,i)perylene		110.000	J	48	230	ug/Kg
P1759-01	E0731	Solid	Benzo(k)fluoranthene		130.000	J	61	230	ug/Kg
P1759-01	E0731	Solid	Carbazole		79.000	J	61	450	ug/Kg
P1759-01	E0731	Solid	Chrysene		320.000		61	230	ug/Kg
P1759-01	E0731	Solid	Dibenzofuran		89.000	J	63	230	ug/Kg
P1759-01	E0731	Solid	Fluoranthene		790.000		60	230	ug/Kg
P1759-01	E0731	Solid	Fluorene		130.000	J	61	230	ug/Kg
P1759-01	E0731	Solid	Indeno(1,2,3-cd)pyrene		110.000	J	50	230	ug/Kg
P1759-01	E0731	Solid	Phenanthrene		960.000		60	230	ug/Kg
P1759-01	E0731	Solid	Phenol		61.000	J	48	450	ug/Kg
P1759-01	E0731	Solid	Pyrene		620.000		60	230	ug/Kg
			Total Svoc :		**4,873.00**				
			Total Concentration:		**7,084.00**				
Client ID :	**E0732**								

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM031624

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P1759-02	E0732	Solid	(DEL) Alkane: Straight-Chain21.(	*	150.000	J			
P1759-02	E0732	Solid	n-Hexadecanoic acid	*	200.000	J			
P1759-02	E0732	Solid	Supraene	*	170.000	J			
P1759-02	E0732	Solid	Total Alkanes	*	150.000		59	210	ug/Kg
			Total Tics :		**670.00**				
			Total Concentration:		**670.00**				
Client ID :	**E0733**								
P1759-03	E0733	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	150.000	J			
P1759-03	E0733	Solid	n-Hexadecanoic acid	*	220.000	J			
P1759-03	E0733	Solid	Pentadecafluorooctanoic acid, oct	*	180.000	J			
P1759-03	E0733	Solid	Supraene	*	270.000	J			
P1759-03	E0733	Solid	Total Alkanes	*	0.000		54	190	ug/Kg
			Total Tics :		**820.00**				
			Total Concentration:		**820.00**				
Client ID :	**E0734**								
P1759-04	E0734	Solid	12-Hydroxystearic acid	*	89.000	J			
P1759-04	E0734	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	330.000	J			
P1759-04	E0734	Solid	n-Hexadecanoic acid	*	390.000	J			
P1759-04	E0734	Solid	Octadecanoic acid	*	110.000	J			
P1759-04	E0734	Solid	Oleic Acid	*	200.000	J			
P1759-04	E0734	Solid	Pentadecafluorooctanoic acid, oct	*	210.000	J			
P1759-04	E0734	Solid	Supraene	*	590.000	J			
P1759-04	E0734	Solid	Tetrachloroethylene	*	290.000	J			
P1759-04	E0734	Solid	Total Alkanes	*	0.000		55	200	ug/Kg
			Total Tics :		**2,209.00**				
			Total Concentration:		**2,209.00**				
Client ID :	**E0735**								
P1759-05	E0735	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	100.000	J			
P1759-05	E0735	Solid	n-Hexadecanoic acid	*	200.000	J			
P1759-05	E0735	Solid	Pentadecafluorooctanoic acid, oct	*	160.000	J			
P1759-05	E0735	Solid	Tetrachloroethylene	*	230.000	J			
P1759-05	E0735	Solid	Total Alkanes	*	0.000		57	200	ug/Kg
			Total Tics :		**690.00**				
			Total Concentration:		**690.00**				
Client ID :	**E0736**								
P1759-06	E0736	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	110.000	J			
P1759-06	E0736	Solid	n-Hexadecanoic acid	*	170.000	J			
P1759-06	E0736	Solid	Pentadecafluorooctanoic acid, oct	*	140.000	J			
P1759-06	E0736	Solid	Total Alkanes	*	0.000		58	210	ug/Kg
			Total Tics :		**420.00**				

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM031624

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:			**420.00**			
Client ID :	**E0737**								
P1759-07	E0737	Solid	(DEL) Alkane: Cyclic21.021	*	130.000	J			
P1759-07	E0737	Solid	n-Hexadecanoic acid	*	130.000	J			
P1759-07	E0737	Solid	Total Alkanes	*	130.000		58	210	ug/Kg
			Total Tics :			**390.00**			
			Total Concentration:			**390.00**			
Client ID :	**E0738**								
P1759-08	E0738	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	160.000	J			
P1759-08	E0738	Solid	n-Hexadecanoic acid	*	190.000	J			
P1759-08	E0738	Solid	Pentadecafluorooctanoic acid, octa	*	180.000	J			
P1759-08	E0738	Solid	Total Alkanes	*	0.000		62	220	ug/Kg
			Total Tics :			**530.00**			
			Total Concentration:			**530.00**			
Client ID :	**E0739**								
P1759-09	E0739	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	200.000	J			
P1759-09	E0739	Solid	n-Hexadecanoic acid	*	210.000	J			
P1759-09	E0739	Solid	Pentadecafluorooctanoic acid, octa	*	220.000	J			
P1759-09	E0739	Solid	Tetrachloroethylene	*	170.000	J			
P1759-09	E0739	Solid	Total Alkanes	*	0.000		60	210	ug/Kg
			Total Tics :			**800.00**			
			Total Concentration:			**800.00**			
Client ID :	**E0740**								
P1759-10	E0740	Solid	n-Hexadecanoic acid	*	130.000	J			
P1759-10	E0740	Solid	Pentadecafluorooctanoic acid, octa	*	140.000	J			
P1759-10	E0740	Solid	Tetrachloroethylene	*	280.000	J			
P1759-10	E0740	Solid	Total Alkanes	*	0.000		58	210	ug/Kg
			Total Tics :			**550.00**			
			Total Concentration:			**550.00**			
Client ID :	**E0745**								
P1759-11	E0745	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :			**0.00**			
			Total Concentration:			**0.00**			
Client ID :	**E0746**								
P1759-12	E0746	Water	Total Alkanes	*	0.000		1.7	5.1	ug/L
			Total Tics :			**0.00**			
			Total Concentration:			**0.00**			
Client ID :	**C0AJ0**								
P1779-01	C0AJ0	Water	Total Alkanes	*	0.000		1.7	5	ug/L

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: BM031624

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :				**0.00**		
P1779-01	C0AJ0	Water	1,4-Dioxane		1.800	J	0.49	2	ug/L
			Total Svoc :				**1.80**		
			Total Concentration:				**1.80**		
Client ID :	**C0AJ2**								
P1779-02	C0AJ2	Water	Cyclohexanone	*	3.800	J			
P1779-02	C0AJ2	Water	n-Hexadecanoic acid	*	2.200	J			
P1779-02	C0AJ2	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**6.00**		
P1779-02	C0AJ2	Water	1,4-Dioxane		1.000	J	0.49	2	ug/L
			Total Svoc :				**1.00**		
			Total Concentration:				**7.00**		
Client ID :	**C0AJ6**								
P1779-03	C0AJ6	Water	Cyclohexanone	*	3.000	J			
P1779-03	C0AJ6	Water	Total Alkanes	*	0.000		1.7	5.1	ug/L
			Total Tics :				**3.00**		
P1779-03	C0AJ6	Water	1,4-Dioxane		1.000	J	0.49	2	ug/L
			Total Svoc :				**1.00**		
			Total Concentration:				**4.00**		
Client ID :	**C0AJ8**								
P1779-04	C0AJ8	Water	Total Alkanes	*	0.000		1.7	5.1	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.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

EPA Sample No.: SSTD020022 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BM044502.D Time Analyzed: 10:18

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	SBLK597	174616	7.70	692601	10.48	406984	14.35
02	SVOC-GPC-BLANK	199658	7.70	775681	10.48	467482	14.35
03	E0745	172276	7.70	702460	10.48	433860	14.35
04	E0746	162590	7.70	655229	10.48	383585 *	14.35
05	E0731	148675	7.70	594419 *	10.48	347651 *	14.35
06	E0737	169419	7.70	689386	10.48	406882	14.35
07	E0740	160906	7.70	653102	10.48	389628	14.35
08	E0740MS	182074	7.70	755867	10.48	456147	14.35
09	E0740MSD	173671	7.70	717293	10.48	430234	14.35
10	SLCS597	171621	7.70	704480	10.48	419773	14.35
11	SBLK597	199884	7.70	807267	10.48	484912	14.35
12	SBLK595	157263	7.70	635746	10.48	371511 *	14.35
13	E0732	207259	7.70	842464	10.48	503896	14.34
14	E0736	156715	7.70	626368	10.48	361286 *	14.35
15	E0733	169626	7.70	683504	10.48	401810	14.34
16	E0738	181563	7.70	750607	10.48	449509	14.34
17	E0734	175993	7.70	718619	10.48	425069	14.34
18	E0739	169682	7.70	689166	10.48	414851	14.34
19	E0735	166024	7.70	686979	10.48	412052	14.34
20	SLCS595	196905	7.70	816317	10.48	488414	14.34
21	SLCS622	211933	7.70	880276	10.48	525452	14.34
22	SBLK622	160115	7.70	641537	10.48	378855 *	14.34
23	C0AJ0	138379	7.70	564417 *	10.48	332310 *	14.34
24	C0AJ2	157844	7.70	643630	10.48	381918 *	14.34

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

EPA Sample No.: SSTD020022 Date Analyzed: Mar 16 2024 12:00AM

Lab File ID: BM044502.D Time Analyzed: 01:30

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	C0AJ6	160865	7.70	653851	10.48	390121	14.34
26	C0AJ8	160295	7.70	644504	10.47	377997 *	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.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

EPA Sample No.: SSTD020073 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BM044624.D Time Analyzed: 10:18

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	177404	7.698	721003	10.48	431575	14.35
	UPPER LIMIT	354808	8.198	1442006	10.981	863150	14.845
	LOWER LIMIT	88702	7.198	360501.5	9.981	215787.5	13.845
	EPA SAMPLE NO.						
01	SBLK597	174616	7.70	692601	10.48	406984	14.35
02	SVOC-GPC-BLANK	199658	7.70	775681	10.48	467482	14.35
03	E0745	172276	7.70	702460	10.48	433860	14.35
04	E0746	162590	7.70	655229	10.48	383585	14.35
05	E0731	148675	7.70	594419	10.48	347651	14.35
06	E0737	169419	7.70	689386	10.48	406882	14.35
07	E0740	160906	7.70	653102	10.48	389628	14.35
08	E0740MS	182074	7.70	755867	10.48	456147	14.35
09	E0740MSD	173671	7.70	717293	10.48	430234	14.35
10	SLCS597	171621	7.70	704480	10.48	419773	14.35

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.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

EPA Sample No.: SSTD020074 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BM044635.D Time Analyzed: 17:04

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	195510	7.698	801270	10.48	475944	14.35
	UPPER LIMIT	391020	8.198	1602540	10.98	951888	14.845
	LOWER LIMIT	97755	7.198	400635	9.98	237972	13.845
	EPA SAMPLE NO.						
01	SBLK597	199884	7.70	807267	10.48	484912	14.35
02	SBLK595	157263	7.70	635746	10.48	371511	14.35
03	E0732	207259	7.70	842464	10.48	503896	14.34
04	E0736	156715	7.70	626368	10.48	361286	14.35
05	E0733	169626	7.70	683504	10.48	401810	14.34
06	E0738	181563	7.70	750607	10.48	449509	14.34
07	E0734	175993	7.70	718619	10.48	425069	14.34
08	E0739	169682	7.70	689166	10.48	414851	14.34
09	E0735	166024	7.70	686979	10.48	412052	14.34
10	SLCS595	196905	7.70	816317	10.48	488414	14.34
11	SLCS622	211933	7.70	880276	10.48	525452	14.34
12	SBLK622	160115	7.70	641537	10.48	378855	14.34
13	C0AJ0	138379	7.70	564417	10.48	332310	14.34
14	C0AJ2	157844	7.70	643630	10.48	381918	14.34
15	C0AJ6	160865	7.70	653851	10.48	390121	14.34
16	C0AJ8	160295	7.70	644504	10.47	377997	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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

EPA Sample No.: SSTD020022 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BM044502.D Time Analyzed: 10:18

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	SBLK597	846744	17.10	765286	21.30	912194	23.54
02	SVOC-GPC-BLANK	980035	17.10	972235	21.29	1.18508e+	23.54
03	E0745	900655	17.10	869356	21.30	1.09364e+	23.54
04	E0746	778208 *	17.10	696549 *	21.30	845810	23.55
05	E0731	720984 *	17.10	699532 *	21.30	802126 *	23.54
06	E0737	850392	17.10	800920	21.30	970816	23.54
07	E0740	797391 *	17.10	724626 *	21.29	849371	23.54
08	E0740MS	903472	17.10	807181	21.30	895407	23.54
09	E0740MSD	865219	17.10	771079	21.30	872584	23.54
10	SLCS597	821382	17.10	736180	21.30	828475	23.54
11	SBLK597	982633	17.10	895034	21.29	1.05057e+	23.54
12	SBLK595	761689 *	17.10	665220 *	21.30	779404 *	23.54
13	E0732	1.03076	17.10	957499	21.29	1.13017e+	23.54
14	E0736	743813 *	17.10	695029 *	21.29	811258	23.54
15	E0733	823676	17.10	765686	21.29	913432	23.54
16	E0738	918277	17.10	837139	21.29	976110	23.54
17	E0734	858205	17.10	785339	21.29	916338	23.54
18	E0739	850370	17.10	825257	21.29	971870	23.54
19	E0735	853240	17.10	782081	21.29	919095	23.54
20	SLCS595	949369	17.10	823369	21.30	916241	23.54
21	SLCS622	1.02665	17.10	890506	21.29	1.00273e+	23.54
22	SBLK622	751112 *	17.10	653522 *	21.29	765631 *	23.54

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

EPA Sample No.: SSTD020022 Date Analyzed: Mar 16 2024 12:00AM

Lab File ID: BM044502.D Time Analyzed: 00:18

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	C0AJ0	681482 *	17.10	617833 *	21.29	720819 *	23.54
24	C0AJ2	784173 *	17.10	744661	21.29	839212	23.54
25	C0AJ6	788434 *	17.10	747165	21.29	836194	23.54
26	C0AJ8	755653 *	17.10	670883 *	21.29	788359 *	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.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

EPA Sample No.: SSTD020073 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BM044624.D Time Analyzed: 10:18

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	869570	17.098	809467	21.298	944526	23.544
	UPPER LIMIT	1739140	17.598	1618934	21.798	1889052	24.044
	LOWER LIMIT	434785	16.598	404733.5	20.798	472263	23.044
	EPA SAMPLE NO.						
01	SBLK597	846744	17.10	765286	21.30	912194	23.54
02	SVOC-GPC-BLANK	980035	17.10	972235	21.29	1.18508e+	23.54
03	E0745	900655	17.10	869356	21.30	1.09364e+	23.54
04	E0746	778208	17.10	696549	21.30	845810	23.55
05	E0731	720984	17.10	699532	21.30	802126	23.54
06	E0737	850392	17.10	800920	21.30	970816	23.54
07	E0740	797391	17.10	724626	21.29	849371	23.54
08	E0740MS	903472	17.10	807181	21.30	895407	23.54
09	E0740MSD	865219	17.10	771079	21.30	872584	23.54
10	SLCS597	821382	17.10	736180	21.30	828475	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.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

EPA Sample No.: SSTD020074 Date Analyzed: Mar 15 2024 12:00AM

Lab File ID: BM044635.D Time Analyzed: 17:04

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	940185	17.098	866025	21.297	971237	23.538
	UPPER LIMIT	1880370	17.598	1732050	21.797	1942474	24.038
	LOWER LIMIT	470092.5	16.598	433012.5	20.797	485618.5	23.038
	EPA SAMPLE NO.						
01	SBLK597	982633	17.10	895034	21.29	1.05057e+	23.54
02	SBLK595	761689	17.10	665220	21.30	779404	23.54
03	E0732	1.03076	17.10	957499	21.29	1.13017e+	23.54
04	E0736	743813	17.10	695029	21.29	811258	23.54
05	E0733	823676	17.10	765686	21.29	913432	23.54
06	E0738	918277	17.10	837139	21.29	976110	23.54
07	E0734	858205	17.10	785339	21.29	916338	23.54
08	E0739	850370	17.10	825257	21.29	971870	23.54
09	E0735	853240	17.10	782081	21.29	919095	23.54
10	SLCS595	949369	17.10	823369	21.30	916241	23.54
11	SLCS622	1.02665	17.10	890506	21.29	1.00273e+	23.54
12	SBLK622	751112	17.10	653522	21.29	765631	23.54
13	C0AJ0	681482	17.10	617833	21.29	720819	23.54
14	C0AJ2	784173	17.10	744661	21.29	839212	23.54
15	C0AJ6	788434	17.10	747165	21.29	836194	23.54
16	C0AJ8	755653	17.10	670883	21.29	788359	23.54

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

EPA Sample No.: SSTD020074 Date Analyzed: Mar 16 2024 12:00AM

Lab File ID: BM044635.D Time Analyzed: 02:06

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	940185	17.098	866025	21.297	971237	23.538
UPPER LIMIT	1880370	17.598	1732050	21.797	1942474	24.038
LOWER LIMIT	470092.5	16.598	433012.5	20.797	485618.5	23.038
EPA SAMPLE NO.						

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

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

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

CHEMTECH

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

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159595BS	1,4-Dioxane	530	350	ug/Kg	66				0	0	
	Benzaldehyde	1300	980	ug/Kg	75				0	0	
	Pyridine	1300	860	ug/Kg	66				0	0	
	Phenol	1300	910	ug/Kg	70				0	0	
	Bis(2-chloroethyl)ether	1300	920	ug/Kg	71				0	0	
	2-Chlorophenol	1300	960	ug/Kg	74				0	0	
	2-Methylphenol	1300	890	ug/Kg	68				0	0	
	2,2-oxybis(1-Chloropropane)	1300	1000	ug/Kg	77				0	0	
	Acetophenone	1300	910	ug/Kg	70				0	0	
	4-Methylphenol	1300	880	ug/Kg	68				0	0	
	N-Nitroso-di-n-propylamine	1300	930	ug/Kg	72				0	0	
	Hexachloroethane	1300	990	ug/Kg	76				0	0	
	Nitrobenzene	1300	1100	ug/Kg	85				0	0	
	Isophorone	1300	1000	ug/Kg	77				0	0	
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0	
	2,4-Dimethylphenol	1300	940	ug/Kg	72				0	0	
	Bis(2-chloroethoxy)methane	1300	1000	ug/Kg	77				0	0	
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0	
	Naphthalene	1300	1000	ug/Kg	77				0	0	
	4-Chloroaniline	1300	720	ug/Kg	55				0	0	
	Hexachlorobutadiene	1300	1100	ug/Kg	85				0	0	
	Caprolactam	1300	870	ug/Kg	67				0	0	
	4-Chloro-3-methylphenol	1300	980	ug/Kg	75				0	0	
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Methylnaphthalene	1300	990	ug/Kg	76				0	0	
	Hexachlorocyclopentadiene	1300	950	ug/Kg	73				0	0	
	2,4,6-Trichlorophenol	1300	940	ug/Kg	72				0	0	
	2,4,5-Trichlorophenol	1300	980	ug/Kg	75				0	0	
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0	
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Nitroaniline	1300	1000	ug/Kg	77				0	0	
	Dimethylphthalate	1300	990	ug/Kg	76				0	0	
	2,6-Dinitrotoluene	1300	990	ug/Kg	76				0	0	
	Acenaphthylene	1300	1000	ug/Kg	77				0	0	
	3-Nitroaniline	1300	970	ug/Kg	75				0	0	
	Acenaphthene	1300	1000	ug/Kg	77				0	0	
	2,4-Dinitrophenol	1300	840	ug/Kg	65				0	0	
	4-Nitrophenol	1300	980	ug/Kg	75				0	0	
	Dibenzofuran	1300	1000	ug/Kg	77				0	0	
	2,4-Dinitrotoluene	1300	990	ug/Kg	76				0	0	
	Diethylphthalate	1300	990	ug/Kg	76				0	0	
	Fluorene	1300	1000	ug/Kg	77				0	0	
	4-Chlorophenyl-phenylether	1300	1000	ug/Kg	77				0	0	
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0	
	4,6-Dinitro-2-methylphenol	1300	1000	ug/Kg	77				0	0	
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159595BS	1,2,4,5-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0	
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0	
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0	
	Atrazine	1300	490	ug/Kg	38				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	1000	ug/Kg	77				0	0	
	Fluoranthene	1300	1100	ug/Kg	85				0	0	
	Pyrene	1300	1100	ug/Kg	85				0	0	
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0	
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0	
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0	
	Chrysene	1300	1000	ug/Kg	77				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0	
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0	
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				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	1100	ug/Kg	85				0	0	
	2,3,4,6-Tetrachlorophenol	1300	880	ug/Kg	68				0	0	

CHEMTECH

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

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159597BS	1,4-Dioxane	16	13	ug/L	81				0	0	
	Benzaldehyde	40	34	ug/L	85				0	0	
	Pyridine	40	30	ug/L	75				0	0	
	Phenol	40	33	ug/L	83				0	0	
	Bis(2-chloroethyl)ether	40	33	ug/L	83				0	0	
	2-Chlorophenol	40	35	ug/L	88				0	0	
	2-Methylphenol	40	32	ug/L	80				0	0	
	2,2-oxybis(1-Chloropropane)	40	36	ug/L	90				0	0	
	Acetophenone	40	33	ug/L	83				0	0	
	4-Methylphenol	40	32	ug/L	80				0	0	
	N-Nitroso-di-n-propylamine	40	33	ug/L	83				0	0	
	Hexachloroethane	40	36	ug/L	90				0	0	
	Nitrobenzene	40	38	ug/L	95				0	0	
	Isophorone	40	36	ug/L	90				0	0	
	2-Nitrophenol	40	37	ug/L	93				0	0	
	2,4-Dimethylphenol	40	36	ug/L	90				0	0	
	Bis(2-chloroethoxy)methane	40	36	ug/L	90				0	0	
	2,4-Dichlorophenol	40	38	ug/L	95				0	0	
	Naphthalene	40	37	ug/L	93				0	0	
	4-Chloroaniline	40	24	ug/L	60				0	0	
	Hexachlorobutadiene	40	40	ug/L	100				0	0	
	Caprolactam	40	32	ug/L	80				0	0	
	4-Chloro-3-methylphenol	40	35	ug/L	88				0	0	
	1-Methylnaphthalene	40	36	ug/L	90				0	0	
	2-Methylnaphthalene	40	36	ug/L	90				0	0	
	Hexachlorocyclopentadiene	40	36	ug/L	90				0	0	
	2,4,6-Trichlorophenol	40	35	ug/L	88				0	0	
	2,4,5-Trichlorophenol	40	36	ug/L	90				0	0	
	1,1'-Biphenyl	40	36	ug/L	90				0	0	
	2-Chloronaphthalene	40	36	ug/L	90				0	0	
	2-Nitroaniline	40	38	ug/L	95				0	0	
	Dimethylphthalate	40	35	ug/L	88				0	0	
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0	
	Acenaphthylene	40	36	ug/L	90				0	0	
	3-Nitroaniline	40	35	ug/L	88				0	0	
	Acenaphthene	40	36	ug/L	90				0	0	
	2,4-Dinitrophenol	40	31	ug/L	78				0	0	
	4-Nitrophenol	40	37	ug/L	93				0	0	
	Dibenzofuran	40	36	ug/L	90				0	0	
	2,4-Dinitrotoluene	40	36	ug/L	90				0	0	
	Diethylphthalate	40	36	ug/L	90				0	0	
	Fluorene	40	36	ug/L	90				0	0	
	4-Chlorophenyl-phenylether	40	38	ug/L	95				0	0	
	4-Nitroaniline	40	40	ug/L	100				0	0	
	4,6-Dinitro-2-methylphenol	40	37	ug/L	93				0	0	
	N-Nitrosodiphenylamine	40	38	ug/L	95				0	0	

CHEMTECH

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

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159597BS	1,2,4,5-Tetrachlorobenzene	40	38	ug/L	95				0	0	
	4-Bromophenyl-phenylether	40	40	ug/L	100				0	0	
	Hexachlorobenzene	40	40	ug/L	100				0	0	
	Atrazine	40	19	ug/L	48				0	0	
	Pentachlorophenol	40	35	ug/L	88				0	0	
	Phenanthrene	40	38	ug/L	95				0	0	
	Pentachlorobenzene	40	41	ug/L	103				0	0	
	Anthracene	40	38	ug/L	95				0	0	
	1,2,3,4-Tetrachlorobenzene	40	41	ug/L	103				0	0	
	Carbazole	40	38	ug/L	95				0	0	
	Di-n-butylphthalate	40	37	ug/L	93				0	0	
	Fluoranthene	40	37	ug/L	93				0	0	
	Pyrene	40	37	ug/L	93				0	0	
	Butylbenzylphthalate	40	36	ug/L	90				0	0	
	3,3'-Dichlorobenzidine	40	39	ug/L	98				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	38	ug/L	95				0	0	
	Di-n-octylphthalate	40	36	ug/L	90				0	0	
	Benzo(b)fluoranthene	40	36	ug/L	90				0	0	
	Benzo(k)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(a)pyrene	40	37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	40	40	ug/L	100				0	0	
	Dibenzo(a,h)anthracene	40	41	ug/L	103				0	0	
	Benzo(g,h,i)perylene	40	40	ug/L	100				0	0	
	2,3,4,6-Tetrachlorophenol	40	34	ug/L	85				0	0	

CHEMTECH

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

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159622BS	1,4-Dioxane	16	10	ug/L	63				0	0	
	Benzaldehyde	40	26	ug/L	65				0	0	
	Pyridine	40	23	ug/L	58				0	0	
	Phenol	40	25	ug/L	63				0	0	
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0	
	2-Chlorophenol	40	27	ug/L	68				0	0	
	2-Methylphenol	40	25	ug/L	63				0	0	
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0	
	Acetophenone	40	25	ug/L	63				0	0	
	4-Methylphenol	40	24	ug/L	60				0	0	
	N-Nitroso-di-n-propylamine	40	26	ug/L	65				0	0	
	Hexachloroethane	40	27	ug/L	68				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	27	ug/L	68				0	0	
	2-Nitrophenol	40	28	ug/L	70				0	0	
	2,4-Dimethylphenol	40	27	ug/L	68				0	0	
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0	
	2,4-Dichlorophenol	40	29	ug/L	73				0	0	
	Naphthalene	40	28	ug/L	70				0	0	
	4-Chloroaniline	40	18	ug/L	45				0	0	
	Hexachlorobutadiene	40	31	ug/L	78				0	0	
	Caprolactam	40	24	ug/L	60				0	0	
	4-Chloro-3-methylphenol	40	27	ug/L	68				0	0	
	1-Methylnaphthalene	40	27	ug/L	68				0	0	
	2-Methylnaphthalene	40	28	ug/L	70				0	0	
	Hexachlorocyclopentadiene	40	28	ug/L	70				0	0	
	2,4,6-Trichlorophenol	40	26	ug/L	65				0	0	
	2,4,5-Trichlorophenol	40	27	ug/L	68				0	0	
	1,1'-Biphenyl	40	27	ug/L	68				0	0	
	2-Chloronaphthalene	40	27	ug/L	68				0	0	
	2-Nitroaniline	40	28	ug/L	70				0	0	
	Dimethylphthalate	40	27	ug/L	68				0	0	
	2,6-Dinitrotoluene	40	27	ug/L	68				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	26	ug/L	65				0	0	
	Acenaphthene	40	27	ug/L	68				0	0	
	2,4-Dinitrophenol	40	23	ug/L	58				0	0	
	4-Nitrophenol	40	27	ug/L	68				0	0	
	Dibenzofuran	40	27	ug/L	68				0	0	
	2,4-Dinitrotoluene	40	27	ug/L	68				0	0	
	Diethylphthalate	40	27	ug/L	68				0	0	
	Fluorene	40	28	ug/L	70				0	0	
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0	
	4-Nitroaniline	40	31	ug/L	78				0	0	
	4,6-Dinitro-2-methylphenol	40	28	ug/L	70				0	0	
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0	

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159622BS	1,2,4,5-Tetrachlorobenzene	40	29	ug/L	73				0	0	
	4-Bromophenyl-phenylether	40	30	ug/L	75				0	0	
	Hexachlorobenzene	40	31	ug/L	78				0	0	
	Atrazine	40	15	ug/L	38				0	0	
	Pentachlorophenol	40	27	ug/L	68				0	0	
	Phenanthrene	40	29	ug/L	73				0	0	
	Pentachlorobenzene	40	31	ug/L	78				0	0	
	Anthracene	40	29	ug/L	73				0	0	
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0	
	Carbazole	40	28	ug/L	70				0	0	
	Di-n-butylphthalate	40	28	ug/L	70				0	0	
	Fluoranthene	40	29	ug/L	73				0	0	
	Pyrene	40	29	ug/L	73				0	0	
	Butylbenzylphthalate	40	27	ug/L	68				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	28	ug/L	70				0	0	
	Chrysene	40	28	ug/L	70				0	0	
	Bis(2-ethylhexyl)phthalate	40	29	ug/L	73				0	0	
	Di-n-octylphthalate	40	27	ug/L	68				0	0	
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0	
	Benzo(a)pyrene	40	28	ug/L	70				0	0	
	Indeno(1,2,3-cd)pyrene	40	31	ug/L	78				0	0	
	Dibenzo(a,h)anthracene	40	32	ug/L	80				0	0	
	Benzo(g,h,i)perylene	40	31	ug/L	78				0	0	
	2,3,4,6-Tetrachlorophenol	40	26	ug/L	65				0	0	

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

Lab File ID: BM044626.D Lab Sample ID: P1717-05

Instrument ID: BNA_M Date Extracted: 03/13/2024

Matrix: (soil/water) Solid Date Analyzed: 03/15/2024

Level: (low/med) LOW Time Analyzed: 10:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC-BLANK	P1717-05	BM044626.D	03/15/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK595

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

Lab File ID: BM044637.D Lab Sample ID: PB159595BL

Instrument ID: BNA_M Date Extracted: 03/14/2024

Matrix: (soil/water) Solid Date Analyzed: 03/15/2024

Level: (low/med) LOW Time Analyzed: 17:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0732	P1759-02	BM044638.D	03/15/2024
E0736	P1759-06	BM044639.D	03/15/2024
E0733	P1759-03	BM044640.D	03/15/2024
E0738	P1759-08	BM044641.D	03/15/2024
E0734	P1759-04	BM044642.D	03/15/2024
E0739	P1759-09	BM044643.D	03/15/2024
E0735	P1759-05	BM044644.D	03/15/2024
PB159595BS	PB159595BS	BM044645.D	03/15/2024
E0731	P1759-01	BM044629.D	03/15/2024
E0737	P1759-07	BM044630.D	03/15/2024
E0740	P1759-10	BM044631.D	03/15/2024
E0740MS	P1759-15MS	BM044632.D	03/15/2024
E0740MSD	P1759-16MSD	BM044633.D	03/15/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK597

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

Lab File ID: BM044625.D Lab Sample ID: PB159597BL

Instrument ID: BNA_M Date Extracted: 03/14/2024

Matrix: (soil/water) Water Date Analyzed: 03/15/2024

Level: (low/med) LOW Time Analyzed: 10:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0745	P1759-11	BM044627.D	03/15/2024
E0746	P1759-12	BM044628.D	03/15/2024
PB159597BS	PB159597BS	BM044634.D	03/15/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK622

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM031624 SAS No.: BM031624 SDG NO.: BM031624

Lab File ID: BM044647.D Lab Sample ID: PB159622BL

Instrument ID: BNA_M Date Extracted: 03/15/2024

Matrix: (soil/water) Water Date Analyzed: 03/15/2024

Level: (low/med) LOW Time Analyzed: 23:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0AJ0	P1779-01	BM044648.D	03/16/2024
C0AJ2	P1779-02	BM044649.D	03/16/2024
C0AJ6	P1779-03	BM044650.D	03/16/2024
C0AJ8	P1779-04	BM044651.D	03/16/2024
PB159622BS	PB159622BS	BM044646.D	03/15/2024

COMMENTS:

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM031624

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: P1759-15MS		**Client Sample ID: E0740MS**						**DataFile:**	**BM044632.D**		
1,4-Dioxane	640		540	ug/Kg	84				15	120	
Benzaldehyde	1600		1500	ug/Kg	94				0	0	
Pyridine	1600		1200	ug/Kg	75				0	0	
Phenol	1600		1400	ug/Kg	88				26	90	
Bis(2-chloroethyl)ether	1600		1400	ug/Kg	88				0	0	
2-Chlorophenol	1600		1400	ug/Kg	88				25	102	
2-Methylphenol	1600		1400	ug/Kg	88				0	0	
2,2-oxybis(1-Chloropropane)	1600		1500	ug/Kg	94				0	0	
Acetophenone	1600		1400	ug/Kg	88				0	0	
4-Methylphenol	1600		1300	ug/Kg	81				0	0	
N-Nitroso-di-n-propylamine	1600		1400	ug/Kg	88				41	126	
Hexachloroethane	1600		1500	ug/Kg	94				0	0	
Nitrobenzene	1600		1600	ug/Kg	100				0	0	
Isophorone	1600		1500	ug/Kg	94				0	0	
2-Nitrophenol	1600		1500	ug/Kg	94				0	0	
2,4-Dimethylphenol	1600		1500	ug/Kg	94				0	0	
Bis(2-chloroethoxy)methane	1600		1500	ug/Kg	94				0	0	
2,4-Dichlorophenol	1600		1600	ug/Kg	100				0	0	
Naphthalene	1600		1500	ug/Kg	94				0	0	
4-Chloroaniline	1600		1000	ug/Kg	63				0	0	
Hexachlorobutadiene	1600		1600	ug/Kg	100				0	0	
Caprolactam	1600		1400	ug/Kg	88				0	0	
4-Chloro-3-methylphenol	1600		1500	ug/Kg	94				26	103	
1-Methylnaphthalene	1600		1500	ug/Kg	94				0	0	
2-Methylnaphthalene	1600		1500	ug/Kg	94				0	0	
Hexachlorocyclopentadiene	1600		1500	ug/Kg	94				0	0	
2,4,6-Trichlorophenol	1600		1500	ug/Kg	94				0	0	
2,4,5-Trichlorophenol	1600		1500	ug/Kg	94				0	0	
1,1'-Biphenyl	1600		1500	ug/Kg	94				0	0	
2-Chloronaphthalene	1600		1500	ug/Kg	94				0	0	
2-Nitroaniline	1600		1600	ug/Kg	100				0	0	
Dimethylphthalate	1600		1500	ug/Kg	94				0	0	
2,6-Dinitrotoluene	1600		1500	ug/Kg	94				0	0	
Acenaphthylene	1600		1500	ug/Kg	94				0	0	
3-Nitroaniline	1600		1500	ug/Kg	94				0	0	
Acenaphthene	1600		1500	ug/Kg	94				31	137	
2,4-Dinitrophenol	1600		1300	ug/Kg	81				0	0	
4-Nitrophenol	1600		1500	ug/Kg	94				11	114	
Dibenzofuran	1600		1500	ug/Kg	94				0	0	
2,4-Dinitrotoluene	1600		1500	ug/Kg	94	*			28	89	
Diethylphthalate	1600		1500	ug/Kg	94				0	0	
Fluorene	1600		1500	ug/Kg	94				0	0	
4-Chlorophenyl-phenylether	1600		1600	ug/Kg	100				0	0	
4-Nitroaniline	1600		1800	ug/Kg	113				0	0	
4,6-Dinitro-2-methylphenol	1600		1500	ug/Kg	94				0	0	
N-Nitrosodiphenylamine	1600		1600	ug/Kg	100				0	0	
1,2,4,5-Tetrachlorobenzene	1600		1600	ug/Kg	100				0	0	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM031624

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		1700	ug/Kg	106				0	0	
Hexachlorobenzene	1600		1700	ug/Kg	106				0	0	
Atrazine	1600		840	ug/Kg	52				0	0	
Pentachlorophenol	1600		1500	ug/Kg	94				17	109	
Phenanthrene	1600		1600	ug/Kg	100				0	0	
Pentachlorobenzene	1600		1700	ug/Kg	106				0	0	
Anthracene	1600		1600	ug/Kg	100				0	0	
1,2,3,4-Tetrachlorobenzene	1600		1700	ug/Kg	106				0	0	
Carbazole	1600		1600	ug/Kg	100				0	0	
Di-n-butylphthalate	1600		1600	ug/Kg	100				0	0	
Fluoranthene	1600		1600	ug/Kg	100				0	0	
Pyrene	1600		1600	ug/Kg	100				35	142	
Butylbenzylphthalate	1600		1500	ug/Kg	94				0	0	
3,3'-Dichlorobenzidine	1600		1600	ug/Kg	100				0	0	
Benzo(a)anthracene	1600		1500	ug/Kg	94				0	0	
Chrysene	1600		1500	ug/Kg	94				0	0	
Bis(2-ethylhexyl)phthalate	1600		1700	ug/Kg	106				0	0	
Di-n-octylphthalate	1600		1600	ug/Kg	100				0	0	
Benzo(b)fluoranthene	1600		1500	ug/Kg	94				0	0	
Benzo(k)fluoranthene	1600		1600	ug/Kg	100				0	0	
Benzo(a)pyrene	1600		1600	ug/Kg	100				0	0	
Indeno(1,2,3-cd)pyrene	1600		1700	ug/Kg	106				0	0	
Dibenzo(a,h)anthracene	1600		1700	ug/Kg	106				0	0	
Benzo(g,h,i)perylene	1600		1700	ug/Kg	106				0	0	
2,3,4,6-Tetrachlorophenol	1600		1500	ug/Kg	94				0	0	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM031624

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: P1759-16MSD		**Client Sample ID: E0740MSD**						**DataFile: BM044633.D**			
1,4-Dioxane	640		560	ug/Kg	88		5		15	120	50
Benzaldehyde	1600		1500	ug/Kg	94		0		0	0	0
Pyridine	1600		1300	ug/Kg	81		8	*	0	0	0
Phenol	1600		1400	ug/Kg	88		0		26	90	35
Bis(2-chloroethyl)ether	1600		1400	ug/Kg	88		0		0	0	0
2-Chlorophenol	1600		1500	ug/Kg	94		7		25	102	50
2-Methylphenol	1600		1400	ug/Kg	88		0		0	0	0
2,2-oxybis(1-Chloropropane)	1600		1500	ug/Kg	94		0		0	0	0
Acetophenone	1600		1400	ug/Kg	88		0		0	0	0
4-Methylphenol	1600		1400	ug/Kg	88		8	*	0	0	0
N-Nitroso-di-n-propylamine	1600		1500	ug/Kg	94		7		41	126	38
Hexachloroethane	1600		1500	ug/Kg	94		0		0	0	0
Nitrobenzene	1600		1700	ug/Kg	106		6	*	0	0	0
Isophorone	1600		1600	ug/Kg	100		6	*	0	0	0
2-Nitrophenol	1600		1600	ug/Kg	100		6	*	0	0	0
2,4-Dimethylphenol	1600		1600	ug/Kg	100		6	*	0	0	0
Bis(2-chloroethoxy)methane	1600		1600	ug/Kg	100		6	*	0	0	0
2,4-Dichlorophenol	1600		1600	ug/Kg	100		0		0	0	0
Naphthalene	1600		1600	ug/Kg	100		6	*	0	0	0
4-Chloroaniline	1600		1100	ug/Kg	69		9	*	0	0	0
Hexachlorobutadiene	1600		1700	ug/Kg	106		6	*	0	0	0
Caprolactam	1600		1500	ug/Kg	94		7	*	0	0	0
4-Chloro-3-methylphenol	1600		1600	ug/Kg	100		6		26	103	33
1-Methylnaphthalene	1600		1600	ug/Kg	100		6	*	0	0	0
2-Methylnaphthalene	1600		1600	ug/Kg	100		6	*	0	0	0
Hexachlorocyclopentadiene	1600		1500	ug/Kg	94		0		0	0	0
2,4,6-Trichlorophenol	1600		1600	ug/Kg	100		6	*	0	0	0
2,4,5-Trichlorophenol	1600		1600	ug/Kg	100		6	*	0	0	0
1,1'-Biphenyl	1600		1600	ug/Kg	100		6	*	0	0	0
2-Chloronaphthalene	1600		1600	ug/Kg	100		6	*	0	0	0
2-Nitroaniline	1600		1700	ug/Kg	106		6	*	0	0	0
Dimethylphthalate	1600		1600	ug/Kg	100		6	*	0	0	0
2,6-Dinitrotoluene	1600		1600	ug/Kg	100		6	*	0	0	0
Acenaphthylene	1600		1600	ug/Kg	100		6	*	0	0	0
3-Nitroaniline	1600		1600	ug/Kg	100		6	*	0	0	0
Acenaphthene	1600		1600	ug/Kg	100		6		31	137	19
2,4-Dinitrophenol	1600		1400	ug/Kg	88		8	*	0	0	0
4-Nitrophenol	1600		1600	ug/Kg	100		6		11	114	50
Dibenzofuran	1600		1600	ug/Kg	100		6	*	0	0	0
2,4-Dinitrotoluene	1600		1600	ug/Kg	100	*	6		28	89	47
Diethylphthalate	1600		1600	ug/Kg	100		6	*	0	0	0
Fluorene	1600		1600	ug/Kg	100		6	*	0	0	0
4-Chlorophenyl-phenylether	1600		1700	ug/Kg	106		6	*	0	0	0
4-Nitroaniline	1600		1900	ug/Kg	119		5	*	0	0	0
4,6-Dinitro-2-methylphenol	1600		1600	ug/Kg	100		6	*	0	0	0
N-Nitrosodiphenylamine	1600		1700	ug/Kg	106		6	*	0	0	0
1,2,4,5-Tetrachlorobenzene	1600		1600	ug/Kg	100		0		0	0	0

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM031624

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		1800	ug/Kg	113		6	*	0	0	0
Hexachlorobenzene	1600		1800	ug/Kg	113		6	*	0	0	0
Atrazine	1600		880	ug/Kg	55		6	*	0	0	0
Pentachlorophenol	1600		1500	ug/Kg	94		0		17	109	47
Phenanthrene	1600		1700	ug/Kg	106		6	*	0	0	0
Pentachlorobenzene	1600		1800	ug/Kg	113		6	*	0	0	0
Anthracene	1600		1600	ug/Kg	100		0		0	0	0
1,2,3,4-Tetrachlorobenzene	1600		1700	ug/Kg	106		0		0	0	0
Carbazole	1600		1600	ug/Kg	100		0		0	0	0
Di-n-butylphthalate	1600		1700	ug/Kg	106		6	*	0	0	0
Fluoranthene	1600		1600	ug/Kg	100		0		0	0	0
Pyrene	1600		1700	ug/Kg	106		6		35	142	36
Butylbenzylphthalate	1600		1600	ug/Kg	100		6	*	0	0	0
3,3'-Dichlorobenzidine	1600		1700	ug/Kg	106		6	*	0	0	0
Benzo(a)anthracene	1600		1600	ug/Kg	100		6	*	0	0	0
Chrysene	1600		1600	ug/Kg	100		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		0		0	0	0
Benzo(b)fluoranthene	1600		1600	ug/Kg	100		6	*	0	0	0
Benzo(k)fluoranthene	1600		1600	ug/Kg	100		0		0	0	0
Benzo(a)pyrene	1600		1600	ug/Kg	100		0		0	0	0
Indeno(1,2,3-cd)pyrene	1600		1800	ug/Kg	113		6	*	0	0	0
Dibenzo(a,h)anthracene	1600		1800	ug/Kg	113		6	*	0	0	0
Benzo(g,h,i)perylene	1600		1800	ug/Kg	113		6	*	0	0	0
2,3,4,6-Tetrachlorophenol	1600		1500	ug/Kg	94		0		0	0	0

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1717-05	SVOC-GPC-BLAN	BM044626.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1759-01	E0731	BM044629.D	1,4-Dioxane-d8	8	2.52	31		15	120
			Pyridine-d5	40	5.33	13	*	20	120
			Phenol-d5	40	12.40	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.96	35		10	150
			2-Chlorophenol-d4	40	13.25	33		15	120
			4-Methylphenol-d8	40	11.76	29		10	140
			Nitrobenzene-d5	40	14.35	36		10	135
			2-Nitrophenol-d4	40	13.73	34		10	120
			2,4-Dichlorophenol-d3	40	13.84	35		10	140
			4-Chloroaniline-d4	40	6.54	16		1	145
			Dimethylphthalate-d6	40	15.22	38		10	145
			Acenaphthylene-d8	40	14.44	36		15	120
			4-Nitrophenol-d4	40	9.89	25		10	150
			Fluorene-d10	40	15.86	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.52	21		10	130
			Anthracene-d10	40	16.35	41		10	150
			Pyrene-d10	40	15.82	40		10	130
			Benzo(a)pyrene-d12	40	16.47	41		10	140
P1759-02	E0732	BM044638.D	1,4-Dioxane-d8	8	2.69	34		15	120
			Pyridine-d5	40	13.60	34		20	120
			Phenol-d5	40	15.51	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.15	43		10	150
			2-Chlorophenol-d4	40	16.02	40		15	120
			4-Methylphenol-d8	40	15.93	40		10	140
			Nitrobenzene-d5	40	18.53	46		10	135
			2-Nitrophenol-d4	40	18.56	46		10	120
			2,4-Dichlorophenol-d3	40	18.60	47		10	140
			4-Chloroaniline-d4	40	18.02	45		1	145
			Dimethylphthalate-d6	40	22.09	55		10	145
			Acenaphthylene-d8	40	21.05	53		15	120
			4-Nitrophenol-d4	40	18.03	45		10	150
			Fluorene-d10	40	22.65	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.03	43		10	130
			Anthracene-d10	40	23.51	59		10	150
			Pyrene-d10	40	23.24	58		10	130
			Benzo(a)pyrene-d12	40	23.79	59		10	140
P1759-03	E0733	BM044640.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Pyridine-d5	40	14.75	37		20	120
			Phenol-d5	40	18.54	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.41	51		10	150
			2-Chlorophenol-d4	40	19.53	49		15	120
			4-Methylphenol-d8	40	18.40	46		10	140
			Nitrobenzene-d5	40	22.13	55		10	135
			2-Nitrophenol-d4	40	21.24	53		10	120
			2,4-Dichlorophenol-d3	40	21.11	53		10	140
			4-Chloroaniline-d4	40	20.30	51		1	145
			Dimethylphthalate-d6	40	24.54	61		10	145
			Acenaphthylene-d8	40	24.05	60		15	120
			4-Nitrophenol-d4	40	19.21	48		10	150
			Fluorene-d10	40	25.75	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.89	45		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1759-03	E0733	BM044640.D	Anthracene-d10	40	26.69	67		10	150
			Pyrene-d10	40	26.30	66		10	130
			Benzo(a)pyrene-d12	40	27.26	68		10	140
P1759-04	E0734	BM044642.D	1,4-Dioxane-d8	8	3.44	43		15	120
			Pyridine-d5	40	15.75	39		20	120
			Phenol-d5	40	18.88	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.32	51		10	150
			2-Chlorophenol-d4	40	19.60	49		15	120
			4-Methylphenol-d8	40	19.00	48		10	140
			Nitrobenzene-d5	40	22.04	55		10	135
			2-Nitrophenol-d4	40	21.59	54		10	120
			2,4-Dichlorophenol-d3	40	21.96	55		10	140
			4-Chloroaniline-d4	40	20.43	51		1	145
			Dimethylphthalate-d6	40	24.07	60		10	145
			Acenaphthylene-d8	40	23.60	59		15	120
			4-Nitrophenol-d4	40	19.24	48		10	150
			Fluorene-d10	40	24.79	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.94	45		10	130
			Anthracene-d10	40	25.85	65		10	150
			Pyrene-d10	40	25.81	65		10	130
			Benzo(a)pyrene-d12	40	25.88	65		10	140
P1759-05	E0735	BM044644.D	1,4-Dioxane-d8	8	3.14	39		15	120
			Pyridine-d5	40	15.91	40		20	120
			Phenol-d5	40	17.45	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.33	48		10	150
			2-Chlorophenol-d4	40	18.38	46		15	120
			4-Methylphenol-d8	40	17.35	43		10	140
			Nitrobenzene-d5	40	20.17	50		10	135
			2-Nitrophenol-d4	40	20.00	50		10	120
			2,4-Dichlorophenol-d3	40	19.72	49		10	140
			4-Chloroaniline-d4	40	18.79	47		1	145
			Dimethylphthalate-d6	40	22.11	55		10	145
			Acenaphthylene-d8	40	21.29	53		15	120
			4-Nitrophenol-d4	40	15.72	39		10	150
			Fluorene-d10	40	22.68	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.21	38		10	130
			Anthracene-d10	40	23.33	58		10	150
			Pyrene-d10	40	23.10	58		10	130
			Benzo(a)pyrene-d12	40	23.49	59		10	140
P1759-06	E0736	BM044639.D	Pyridine-d5	40	13.35	33		20	120
			1,4-Dioxane-d8	8	2.94	37		15	120
			Phenol-d5	40	15.06	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.09	43		10	150
			2-Chlorophenol-d4	40	16.20	40		15	120
			4-Methylphenol-d8	40	14.59	36		10	140
			Nitrobenzene-d5	40	18.23	46		10	135
			2-Nitrophenol-d4	40	17.71	44		10	120
			2,4-Dichlorophenol-d3	40	17.38	43		10	140
			4-Chloroaniline-d4	40	16.85	42		1	145
			Dimethylphthalate-d6	40	20.53	51		10	145
			Acenaphthylene-d8	40	19.42	49		15	120

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1759-06	E0736	BM044639.D	4-Nitrophenol-d4	40	15.47	39		10	150
			Fluorene-d10	40	21.07	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.41	36		10	130
			Anthracene-d10	40	21.45	54		10	150
			Pyrene-d10	40	21.40	53		10	130
			Benzo(a)pyrene-d12	40	21.93	55		10	140
P1759-07	E0737	BM044630.D	1,4-Dioxane-d8	8	3.09	39		15	120
			Pyridine-d5	40	14.02	35		20	120
			Phenol-d5	40	15.61	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.78	42		10	150
			2-Chlorophenol-d4	40	16.42	41		15	120
			4-Methylphenol-d8	40	14.14	35		10	140
			Nitrobenzene-d5	40	17.94	45		10	135
			2-Nitrophenol-d4	40	17.65	44		10	120
			2,4-Dichlorophenol-d3	40	17.27	43		10	140
			4-Chloroaniline-d4	40	17.38	43		1	145
			Dimethylphthalate-d6	40	20.88	52		10	145
			Acenaphthylene-d8	40	19.63	49		15	120
			4-Nitrophenol-d4	40	15.60	39		10	150
			Fluorene-d10	40	21.19	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.94	35		10	130
			Anthracene-d10	40	21.71	54		10	150
			Pyrene-d10	40	21.30	53		10	130
			Benzo(a)pyrene-d12	40	21.79	54		10	140
P1759-08	E0738	BM044641.D	1,4-Dioxane-d8	8	2.62	33		15	120
			Pyridine-d5	40	13.25	33		20	120
			Phenol-d5	40	14.93	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.44	41		10	150
			2-Chlorophenol-d4	40	15.56	39		15	120
			4-Methylphenol-d8	40	15.07	38		10	140
			Nitrobenzene-d5	40	17.49	44		10	135
			2-Nitrophenol-d4	40	17.18	43		10	120
			2,4-Dichlorophenol-d3	40	17.77	44		10	140
			4-Chloroaniline-d4	40	16.56	41		1	145
			Dimethylphthalate-d6	40	20.32	51		10	145
			Acenaphthylene-d8	40	19.20	48		15	120
			4-Nitrophenol-d4	40	15.06	38		10	150
			Fluorene-d10	40	20.69	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.72	37		10	130
			Anthracene-d10	40	21.36	53		10	150
			Pyrene-d10	40	21.42	54		10	130
			Benzo(a)pyrene-d12	40	21.50	54		10	140
P1759-09	E0739	BM044643.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Pyridine-d5	40	16.09	40		20	120
			Phenol-d5	40	18.88	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.28	51		10	150
			2-Chlorophenol-d4	40	19.64	49		15	120
			4-Methylphenol-d8	40	18.79	47		10	140
			Nitrobenzene-d5	40	21.74	54		10	135
			2-Nitrophenol-d4	40	21.45	54		10	120
			2,4-Dichlorophenol-d3	40	21.39	53		10	140

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1759-09	E0739	BM044643.D	4-Chloroaniline-d4	40	20.82	52		1	145
			Dimethylphthalate-d6	40	24.29	61		10	145
			Acenaphthylene-d8	40	23.41	59		15	120
			4-Nitrophenol-d4	40	19.20	48		10	150
			Fluorene-d10	40	24.99	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.31	46		10	130
			Anthracene-d10	40	25.86	65		10	150
			Pyrene-d10	40	24.78	62		10	130
			Benzo(a)pyrene-d12	40	26.28	66		10	140
P1759-10	E0740	BM044631.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Pyridine-d5	40	11.39	28		20	120
			Phenol-d5	40	17.24	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.13	48		10	150
			2-Chlorophenol-d4	40	18.38	46		15	120
			4-Methylphenol-d8	40	17.11	43		10	140
			Nitrobenzene-d5	40	20.57	51		10	135
			2-Nitrophenol-d4	40	19.52	49		10	120
			2,4-Dichlorophenol-d3	40	19.14	48		10	140
			4-Chloroaniline-d4	40	18.90	47		1	145
			Dimethylphthalate-d6	40	22.44	56		10	145
			Acenaphthylene-d8	40	21.90	55		15	120
			4-Nitrophenol-d4	40	14.16	35		10	150
			Fluorene-d10	40	23.38	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.84	32		10	130
			Anthracene-d10	40	24.41	61		10	150
			Pyrene-d10	40	23.94	60		10	130
			Benzo(a)pyrene-d12	40	24.50	61		10	140
P1759-15MS	E0740MS	BM044632.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	13.57	34		20	120
			Phenol-d5	40	20.56	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.31	53		10	150
			2-Chlorophenol-d4	40	21.29	53		15	120
			4-Methylphenol-d8	40	19.86	50		10	140
			Nitrobenzene-d5	40	23.25	58		10	135
			2-Nitrophenol-d4	40	22.54	56		10	120
			2,4-Dichlorophenol-d3	40	24.68	62		10	140
			4-Chloroaniline-d4	40	20.38	51		1	145
			Dimethylphthalate-d6	40	22.66	57		10	145
			Acenaphthylene-d8	40	23.40	58		15	120
			4-Nitrophenol-d4	40	18.75	47		10	150
			Fluorene-d10	40	23.62	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.02	48		10	130
			Anthracene-d10	40	24.63	62		10	150
			Pyrene-d10	40	24.28	61		10	130
			Benzo(a)pyrene-d12	40	24.74	62		10	140
P1759-16MSD	E0740MSD	BM044633.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Pyridine-d5	40	14.09	35		20	120
			Phenol-d5	40	21.19	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.24	56		10	150
			2-Chlorophenol-d4	40	21.95	55		15	120
			4-Methylphenol-d8	40	20.83	52		10	140

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1759-16MSD	E0740MSD	BM044633.D	Nitrobenzene-d5	40	24.26	61		10	135
			2-Nitrophenol-d4	40	23.94	60		10	120
			2,4-Dichlorophenol-d3	40	25.42	64		10	140
			4-Chloroaniline-d4	40	21.41	54		1	145
			Dimethylphthalate-d6	40	23.91	60		10	145
			Acenaphthylene-d8	40	24.56	61		15	120
			4-Nitrophenol-d4	40	20.06	50		10	150
			Fluorene-d10	40	24.84	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.02	50		10	130
			Anthracene-d10	40	25.42	64		10	150
			Pyrene-d10	40	25.41	64		10	130
			Benzo(a)pyrene-d12	40	25.61	64		10	140
PB159595BL	PB159595BL	BM044637.D	1,4-Dioxane-d8	8	6.10	76		15	120
			Pyridine-d5	40	29.07	73		20	120
			Phenol-d5	40	27.85	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.01	75		10	150
			2-Chlorophenol-d4	40	29.96	75		15	120
			4-Methylphenol-d8	40	27.09	68		10	140
			Nitrobenzene-d5	40	32.45	81		10	135
			2-Nitrophenol-d4	40	31.63	79		10	120
			2,4-Dichlorophenol-d3	40	29.72	74		10	140
			4-Chloroaniline-d4	40	29.34	73		1	145
			Dimethylphthalate-d6	40	32.31	81		10	145
			Acenaphthylene-d8	40	31.52	79		15	120
			4-Nitrophenol-d4	40	25.17	63		10	150
			Fluorene-d10	40	32.66	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.01	63		10	130
			Anthracene-d10	40	33.35	83		10	150
			Pyrene-d10	40	34.12	85		10	130
			Benzo(a)pyrene-d12	40	34.32	86		10	140
PB159595BS	PB159595BS	BM044645.D	1,4-Dioxane-d8	8	5.28	66		15	120
			Pyridine-d5	40	24.90	62		20	120
			Phenol-d5	40	25.72	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.26	68		10	150
			2-Chlorophenol-d4	40	27.51	69		15	120
			4-Methylphenol-d8	40	25.10	63		10	140
			Nitrobenzene-d5	40	29.06	73		10	135
			2-Nitrophenol-d4	40	29.35	73		10	120
			2,4-Dichlorophenol-d3	40	30.17	75		10	140
			4-Chloroaniline-d4	40	25.86	65		1	145
			Dimethylphthalate-d6	40	28.34	71		10	145
			Acenaphthylene-d8	40	28.48	71		15	120
			4-Nitrophenol-d4	40	26.87	67		10	150
			Fluorene-d10	40	28.41	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.56	74		10	130
			Anthracene-d10	40	29.67	74		10	150
			Pyrene-d10	40	30.24	76		10	130
			Benzo(a)pyrene-d12	40	30.67	77		10	140

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1759-11	E0745	BM044627.D	Pyridine-d5	40	7.82	20		20	120
			1,4-Dioxane-d8	8	4.68	58		15	120
			Phenol-d5	40	4.80	12		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.66	77		25	120
			2-Chlorophenol-d4	40	21.11	53		20	130
			4-Methylphenol-d8	40	11.50	29		25	125
			Nitrobenzene-d5	40	32.46	81		20	125
			2-Nitrophenol-d4	40	28.90	72		20	130
			2,4-Dichlorophenol-d3	40	26.59	66		20	120
			4-Chloroaniline-d4	40	26.50	66		1	146
			Dimethylphthalate-d6	40	33.13	83		25	130
			Acenaphthylene-d8	40	32.25	81		10	130
			4-Nitrophenol-d4	40	2.95	7	*	10	150
			Fluorene-d10	40	34.24	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.09	53		10	130
			Anthracene-d10	40	36.50	91		25	130
			Pyrene-d10	40	34.66	87		15	130
			Benzo(a)pyrene-d12	40	35.98	90		20	130
P1759-12	E0746	BM044628.D	1,4-Dioxane-d8	8	5.01	63		15	120
			Pyridine-d5	40	9.07	23		20	120
			Phenol-d5	40	5.07	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.22	86		25	120
			2-Chlorophenol-d4	40	23.74	59		20	130
			4-Methylphenol-d8	40	12.79	32		25	125
			Nitrobenzene-d5	40	36.94	92		20	125
			2-Nitrophenol-d4	40	28.52	71		20	130
			2,4-Dichlorophenol-d3	40	29.65	74		20	120
			4-Chloroaniline-d4	40	28.90	72		1	146
			Dimethylphthalate-d6	40	38.52	96		25	130
			Acenaphthylene-d8	40	37.22	93		10	130
			4-Nitrophenol-d4	40	2.15	5	*	10	150
			Fluorene-d10	40	39.11	98		25	125
			4,6-Dinitro-2-methylphenol-d2	40	13.89	35		10	130
			Anthracene-d10	40	41.95	105		25	130
			Pyrene-d10	40	41.90	105		15	130
			Benzo(a)pyrene-d12	40	42.13	105		20	130
PB159597BL	PB159597BL	BM044625.D	Pyridine-d5	40	27.88	70		20	120
			1,4-Dioxane-d8	8	6.04	75		15	120
		BM044636.D	Pyridine-d5	40	28.98	72		20	120
			1,4-Dioxane-d8	8	6.04	75		15	120
			Phenol-d5	40	27.81	70		10	130
		BM044625.D	Phenol-d5	40	27.56	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.42	74		25	120
		BM044636.D	Bis(2-Chloroethyl)ether-d8	40	29.31	73		25	120
			2-Chlorophenol-d4	40	29.58	74		20	130
		BM044625.D	2-Chlorophenol-d4	40	29.52	74		20	130
			4-Methylphenol-d8	40	26.10	65		25	125
		BM044636.D	4-Methylphenol-d8	40	26.94	67		25	125
			Nitrobenzene-d5	40	32.20	81		20	125
		BM044625.D	Nitrobenzene-d5	40	32.19	80		20	125
			2-Nitrophenol-d4	40	31.94	80		20	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB159597BL	PB159597BL	BM044636.D	2-Nitrophenol-d4	40	32.54	81		20	130
			2,4-Dichlorophenol-d3	40	30.72	77		20	120
		BM044625.D	2,4-Dichlorophenol-d3	40	29.45	74		20	120
			4-Chloroaniline-d4	40	29.13	73		1	146
		BM044636.D	4-Chloroaniline-d4	40	29.48	74		1	146
			Dimethylphthalate-d6	40	31.63	79		25	130
		BM044625.D	Dimethylphthalate-d6	40	31.86	80		25	130
			Acenaphthylene-d8	40	30.67	77		10	130
		BM044636.D	Acenaphthylene-d8	40	30.97	77		10	130
			4-Nitrophenol-d4	40	27.42	69		10	150
		BM044625.D	4-Nitrophenol-d4	40	25.68	64		10	150
			Fluorene-d10	40	31.82	80		25	125
		BM044636.D	Fluorene-d10	40	31.90	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.62	67		10	130
		BM044625.D	4,6-Dinitro-2-methylphenol-d2	40	26.99	67		10	130
			Anthracene-d10	40	33.05	83		25	130
		BM044636.D	Anthracene-d10	40	33.47	84		25	130
			Pyrene-d10	40	32.97	82		15	130
		BM044625.D	Pyrene-d10	40	32.53	81		15	130
			Benzo(a)pyrene-d12	40	33.77	84		20	130
		BM044636.D	Benzo(a)pyrene-d12	40	33.72	84		20	130
PB159597BS	PB159597BS	BM044634.D	Pyridine-d5	40	30.99	77		20	120
			1,4-Dioxane-d8	8	6.47	81		15	120
			Phenol-d5	40	31.91	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.29	83		25	120
			2-Chlorophenol-d4	40	34.15	85		20	130
			4-Methylphenol-d8	40	30.92	77		25	125
			Nitrobenzene-d5	40	36.64	92		20	125
			2-Nitrophenol-d4	40	37.08	93		20	130
			2,4-Dichlorophenol-d3	40	37.73	94		20	120
			4-Chloroaniline-d4	40	31.48	79		1	146
			Dimethylphthalate-d6	40	34.94	87		25	130
			Acenaphthylene-d8	40	35.33	88		10	130
			4-Nitrophenol-d4	40	34.30	86		10	150
			Fluorene-d10	40	35.28	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.55	91		10	130
			Anthracene-d10	40	36.99	92		25	130
			Pyrene-d10	40	36.15	90		15	130
			Benzo(a)pyrene-d12	40	37.29	93		20	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1779-01	C0AJ0	BM044648.D	1,4-Dioxane-d8	8	6.72	84		15	120
			Pyridine-d5	40	12.10	30		20	120
			Phenol-d5	40	7.01	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	42.71	107		25	120
			2-Chlorophenol-d4	40	30.36	76		20	130
			4-Methylphenol-d8	40	16.79	42		25	125
			Nitrobenzene-d5	40	46.01	115		20	125
			2-Nitrophenol-d4	40	42.15	105		20	130
			2,4-Dichlorophenol-d3	40	38.22	96		20	120
			4-Chloroaniline-d4	40	34.90	87		1	146
			Dimethylphthalate-d6	40	45.88	115		25	130
			Acenaphthylene-d8	40	45.84	115		10	130
			4-Nitrophenol-d4	40	5.12	13		10	150
			Fluorene-d10	40	47.90	120		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.88	97		10	130
			Anthracene-d10	40	50.16	125		25	130
			Pyrene-d10	40	49.47	124		15	130
			Benzo(a)pyrene-d12	40	51.44	129		20	130
P1779-02	C0AJ2	BM044649.D	1,4-Dioxane-d8	8	4.80	60		15	120
			Pyridine-d5	40	8.01	20		20	120
			Phenol-d5	40	5.39	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.74	84		25	120
			2-Chlorophenol-d4	40	24.10	60		20	130
			4-Methylphenol-d8	40	12.72	32		25	125
			Nitrobenzene-d5	40	36.39	91		20	125
			2-Nitrophenol-d4	40	33.05	83		20	130
			2,4-Dichlorophenol-d3	40	30.18	75		20	120
			4-Chloroaniline-d4	40	23.04	58		1	146
			Dimethylphthalate-d6	40	36.98	92		25	130
			Acenaphthylene-d8	40	36.62	92		10	130
			4-Nitrophenol-d4	40	4.34	11		10	150
			Fluorene-d10	40	39.45	99		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.01	80		10	130
			Anthracene-d10	40	43.08	108		25	130
			Pyrene-d10	40	41.60	104		15	130
			Benzo(a)pyrene-d12	40	43.46	109		20	130
P1779-03	C0AJ6	BM044650.D	1,4-Dioxane-d8	8	5.43	68		15	120
			Pyridine-d5	40	9.40	23		20	120
			Phenol-d5	40	6.65	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.17	95		25	120
			2-Chlorophenol-d4	40	28.17	70		20	130
			4-Methylphenol-d8	40	15.94	40		25	125
			Nitrobenzene-d5	40	41.13	103		20	125
			2-Nitrophenol-d4	40	38.46	96		20	130
			2,4-Dichlorophenol-d3	40	35.22	88		20	120
			4-Chloroaniline-d4	40	30.43	76		1	146
			Dimethylphthalate-d6	40	41.27	103		25	130
			Acenaphthylene-d8	40	41.02	103		10	130
			4-Nitrophenol-d4	40	5.45	14		10	150
			Fluorene-d10	40	43.90	110		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.19	93		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1779-03	C0AJ6	BM044650.D	Anthracene-d10	40	47.78	119		25	130
			Pyrene-d10	40	45.49	114		15	130
			Benzo(a)pyrene-d12	40	47.77	119		20	130
P1779-04	C0AJ8	BM044651.D	1,4-Dioxane-d8	8	4.95	62		15	120
			Pyridine-d5	40	7.06	18	*	20	120
			Phenol-d5	40	6.59	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.84	97		25	120
			2-Chlorophenol-d4	40	28.40	71		20	130
			4-Methylphenol-d8	40	15.55	39		25	125
			Nitrobenzene-d5	40	42.18	105		20	125
			2-Nitrophenol-d4	40	39.18	98		20	130
			2,4-Dichlorophenol-d3	40	35.34	88		20	120
			4-Chloroaniline-d4	40	28.56	71		1	146
			Dimethylphthalate-d6	40	40.84	102		25	130
			Acenaphthylene-d8	40	41.25	103		10	130
			4-Nitrophenol-d4	40	4.50	11		10	150
			Fluorene-d10	40	42.72	107		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.26	88		10	130
			Anthracene-d10	40	48.67	122		25	130
			Pyrene-d10	40	48.01	120		15	130
			Benzo(a)pyrene-d12	40	48.91	122		20	130
PB159622BL	PB159622BL	BM044647.D	Pyridine-d5	40	30.48	76		20	120
			1,4-Dioxane-d8	8	6.58	82		15	120
			Phenol-d5	40	30.15	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.46	84		25	120
			2-Chlorophenol-d4	40	32.60	81		20	130
			4-Methylphenol-d8	40	29.15	73		25	125
			Nitrobenzene-d5	40	35.37	88		20	125
			2-Nitrophenol-d4	40	35.10	88		20	130
			2,4-Dichlorophenol-d3	40	32.64	82		20	120
			4-Chloroaniline-d4	40	32.16	80		1	146
			Dimethylphthalate-d6	40	34.96	87		25	130
			Acenaphthylene-d8	40	34.34	86		10	130
			4-Nitrophenol-d4	40	27.88	70		10	150
			Fluorene-d10	40	35.04	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.42	74		10	130
			Anthracene-d10	40	37.79	94		25	130
			Pyrene-d10	40	37.56	94		15	130
			Benzo(a)pyrene-d12	40	38.40	96		20	130
PB159622BS	PB159622BS	BM044646.D	Pyridine-d5	40	24.96	62		20	120
			1,4-Dioxane-d8	8	4.98	62		15	120
			Phenol-d5	40	25.59	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.14	68		25	120
			2-Chlorophenol-d4	40	27.39	68		20	130
			4-Methylphenol-d8	40	24.72	62		25	125
			Nitrobenzene-d5	40	28.94	72		20	125
			2-Nitrophenol-d4	40	29.22	73		20	130
			2,4-Dichlorophenol-d3	40	29.79	74		20	120
			4-Chloroaniline-d4	40	25.32	63		1	146
			Dimethylphthalate-d6	40	27.82	70		25	130
			Acenaphthylene-d8	40	28.19	70		10	130

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BM031624

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB159622BS	PB159622BS	BM044646.D	4-Nitrophenol-d4	40	26.79	67		10	150
			Fluorene-d10	40	27.96	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.01	73		10	130
			Anthracene-d10	40	29.63	74		25	130
			Pyrene-d10	40	29.39	73		15	130
			Benzo(a)pyrene-d12	40	30.02	75		20	130

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM031624

Lab Code: CHEM SAS No.: BM031624 SDG NO.: BM031624

Lab File ID: BM044623.D DFTPP Injection Date: 03/15/2024

Instrument ID: BNA_M DFTPP Injection Time: 09:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.8
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	42.5
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	49.9
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	22.9
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	72
443	15.0 - 24.0% of mass 442	14.5 (20.2) 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
SSTD020073	SSTDCCC020	BM044624.D	03/15/2024	09:42
SBLK597	PB159597BL	BM044625.D	03/15/2024	10:18
SVOC-GPC-BLANK	P1717-05	BM044626.D	03/15/2024	10:55
E0745	P1759-11	BM044627.D	03/15/2024	11:34
E0746	P1759-12	BM044628.D	03/15/2024	12:11
E0731	P1759-01	BM044629.D	03/15/2024	12:47
E0737	P1759-07	BM044630.D	03/15/2024	13:24
E0740	P1759-10	BM044631.D	03/15/2024	14:01
E0740MS	P1759-15MS	BM044632.D	03/15/2024	14:37
E0740MSD	P1759-16MSD	BM044633.D	03/15/2024	15:14
SLCS597	PB159597BS	BM044634.D	03/15/2024	15:50
SSTD020074	SSTDCCC020	BM044635.D	03/15/2024	16:27
SBLK597	PB159597BL	BM044636.D	03/15/2024	17:04
SBLK595	PB159595BL	BM044637.D	03/15/2024	17:40
E0732	P1759-02	BM044638.D	03/15/2024	18:16
E0736	P1759-06	BM044639.D	03/15/2024	18:53
E0733	P1759-03	BM044640.D	03/15/2024	19:29
E0738	P1759-08	BM044641.D	03/15/2024	20:05
E0734	P1759-04	BM044642.D	03/15/2024	20:42

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM031624

Lab Code: CHEM SAS No.: BM031624 SDG NO.: BM031624

Lab File ID: BM044623.D DFTPP Injection Date: 03/15/2024

Instrument ID: BNA_M DFTPP Injection Time: 09:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.8
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	42.5
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	49.9
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	22.9
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	72
443	15.0 - 24.0% of mass 442	14.5 (20.2) 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
E0739	P1759-09	BM044643.D	03/15/2024	21:18
E0735	P1759-05	BM044644.D	03/15/2024	21:54
SLCS595	PB159595BS	BM044645.D	03/15/2024	22:30
SLCS622	PB159622BS	BM044646.D	03/15/2024	23:06
SBLK622	PB159622BL	BM044647.D	03/15/2024	23:42
C0AJ0	P1779-01	BM044648.D	03/16/2024	00:18
C0AJ2	P1779-02	BM044649.D	03/16/2024	00:54
C0AJ6	P1779-03	BM044650.D	03/16/2024	01:30
C0AJ8	P1779-04	BM044651.D	03/16/2024	02:06
SSTD020075	SSTDCCC020EC	BM044652.D	03/16/2024	03:18