

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/14/2024 : 12:16

Lab File ID: BM048024.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020178 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.676	0.557	0.010	-17.6652	40.0
Benzaldehyde	1.028	0.924	0.010	-10.1214	40.0
Pyridine	1.908	1.463	0.010	-23.3364	40.0
Phenol	2.012	1.661	0.080	-17.4719	20.0
Bis(2-Chloroethyl)ether	1.603	1.339	0.100	-16.5172	20.0
2-Chlorophenol	1.458	1.380	0.200	-5.3522	20.0
2-Methylphenol	1.403	1.255	0.010	-10.5409	20.0
2,2-oxybis(1-Chloropropane)	3.018	1.951	0.010	-35.3554	40.0
Acetophenone	2.406	1.966	0.060	-18.2872	20.0
4-Methylphenol	1.577	1.347	0.010	-14.5709	20.0
N-Nitroso-di-n-propylamine	1.274	0.991	0.050	-22.2717	30.0
Hexachloroethane	0.655	0.582	0.100	-11.1939	20.0
Nitrobenzene	0.452	0.370	0.050	-18.231	25.0
Isophorone	0.809	0.689	0.050	-14.9132	25.0
2-Nitrophenol	0.175	0.184	0.050	5.1922	25.0
2,4-Dimethylphenol	0.374	0.338	0.050	-9.7365	25.0
Bis(2-Chloroethoxy)methane	0.495	0.422	0.050	-14.7649	20.0
2,4-Dichlorophenol	0.315	0.313	0.060	-0.5281	20.0
Naphthalene	1.150	1.076	0.200	-6.4753	20.0
4-Chloroaniline	0.464	0.409	0.010	-11.9644	40.0
Hexachlorobutadiene	0.208	0.203	0.040	-2.4015	30.0
Caprolactam	0.101	0.100	0.010	-0.8525	40.0
4-Chloro-3-methylphenol	0.326	0.316	0.040	-2.9266	25.0
1-Methylnaphthalene	0.744	0.723	0.100	-2.8414	20.0
2-Methylnaphthalene	0.731	0.692	0.100	-5.3698	20.0
Hexachlorocyclopentadiene	0.394	0.368	0.010	-6.4731	40.0
2,4,6-Trichlorophenol	0.377	0.392	0.090	4.1953	25.0
2,4,5-Trichlorophenol	0.412	0.411	0.100	-0.1176	25.0
1,1-Biphenyl	1.601	1.444	0.200	-9.8057	20.0
2-Chloronaphthalene	1.238	1.151	0.300	-7.0966	20.0
2-Nitroaniline	0.393	0.317	0.050	-19.3238	40.0
Dimethylphthalate	1.468	1.386	0.300	-5.6195	20.0
2,6-Dinitrotoluene	0.258	0.277	0.080	7.3085	30.0
Acenaphthylene	1.939	1.907	0.400	-1.647	20.0
3-Nitroaniline	0.312	0.296	0.010	-5.2697	40.0
Acenaphthene	1.371	1.231	0.200	-10.1865	20.0
2,4-Dinitrophenol	0.159	0.163	0.010	2.3971	40.0
4-Nitrophenol	0.242	0.237	0.010	-2.3278	40.0
Dibenzofuran	1.845	1.695	0.300	-8.1395	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/14/2024 : 12:16

Lab File ID: BM048024.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020178 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.387	0.407	0.070	4.949	30.0
Diethylphthalate	1.469	1.374	0.300	-6.4987	20.0
Fluorene	1.539	1.404	0.200	-8.8119	20.0
4-Chlorophenyl-phenylether	0.727	0.674	0.100	-7.2802	20.0
4-Nitroaniline	0.303	0.310	0.010	2.1996	40.0
4,6-Dinitro-2-methylphenol	0.130	0.120	0.010	-7.2516	40.0
N-Nitrosodiphenylamine	0.623	0.554	0.050	-11.1006	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.587	0.100	-9.8302	20.0
4-Bromophenyl-phenylether	0.206	0.196	0.070	-4.7106	20.0
Hexachlorobenzene	0.240	0.240	0.050	0.0567	25.0
Atrazine	0.207	0.192	0.010	-7.2762	25.0
Pentachlorophenol	0.153	0.170	0.010	11.1424	40.0
Phenanthrene	1.173	1.075	0.200	-8.3828	20.0
Pentachlorobenzene	0.323	0.280	0.050	-13.3395	20.0
Anthracene	1.196	1.109	0.200	-7.2553	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.282	0.050	-14.7161	20.0
Carbazole	1.084	1.011	0.050	-6.7856	40.0
Di-n-butylphthalate	1.207	1.134	0.500	-6.0858	25.0
Fluoranthene	1.337	1.300	0.400	-2.7528	25.0
Pyrene	1.488	1.388	0.400	-6.7447	25.0
Butylbenzylphthalate	0.526	0.542	0.100	2.9872	40.0
3,3-Dichlorobenzidine	0.423	0.429	0.010	1.5728	40.0
Benzo (a) anthracene	1.400	1.373	0.300	-1.9412	30.0
Chrysene	1.365	1.290	0.200	-5.484	30.0
Bis (2-ethylhexyl) phthalate	0.790	0.760	0.200	-3.7108	40.0
Di-n-octyl phthalate	1.290	1.137	0.010	-11.8646	40.0
Benzo (b) fluoranthene	1.247	1.187	0.200	-4.8019	25.0
Benzo (k) fluoranthene	1.275	1.172	0.200	-8.09	25.0
Benzo (a) pyrene	1.185	1.133	0.200	-4.355	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.407	0.200	-7.2934	25.0
Dibenzo (a,h) anthracene	1.244	1.179	0.200	-5.2174	30.0
Benzo (g,h,i) perylene	1.189	1.152	0.200	-3.1634	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.358	0.040	10.14	20.0
1,4-Dioxane-d8	0.619	0.499	0.010	-19.3417	25.0
Pyridine-d5	1.812	1.418	0.010	-21.7326	40.0
Phenol-d5	1.891	1.635	0.010	-13.5672	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	0.969	0.050	-27.7617	25.0
2-Chlorophenol-d4	1.376	1.380	0.200	0.3233	20.0
4-Methylphenol-d8	1.406	1.273	0.010	-9.4528	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/14/2024 : 12:16

Lab File ID: BM048024.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020178 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.160	0.050	0.6845	20.0
2-Nitrophenol-d4	0.153	0.173	0.050	13.6128	30.0
2,4-Dichlorophenol-d3	0.305	0.318	0.060	4.397	20.0
4-Chloroaniline-d4	0.471	0.423	0.010	-10.1656	40.0
Dimethylphthalate-d6	1.450	1.376	0.300	-5.1108	20.0
Acenaphthylene-d8	1.719	1.637	0.400	-4.7663	20.0
4-Nitrophenol-d4	0.289	0.277	0.010	-3.907	40.0
Fluorene-d10	1.256	1.201	0.100	-4.4133	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.110	0.010	-6.0431	40.0
Anthracene-d10	0.983	0.921	0.300	-6.3948	20.0
Pyrene-d10	1.135	1.113	0.300	-1.9869	25.0
Benzo(a)pyrene-d12	1.038	0.980	0.010	-5.5223	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/14/2024 : 17:34

Lab File ID: BM048032.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020179 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.676	0.571	0.010	-15.4795	40.0
Benzaldehyde	1.028	0.957	0.010	-6.9439	40.0
Pyridine	1.908	1.505	0.010	-21.1241	40.0
Phenol	2.012	1.722	0.080	-14.4398	20.0
Bis(2-Chloroethyl)ether	1.603	1.337	0.100	-16.644	20.0
2-Chlorophenol	1.458	1.440	0.200	-1.2311	20.0
2-Methylphenol	1.403	1.313	0.010	-6.4219	20.0
2,2-oxybis(1-Chloropropane)	3.018	1.924	0.010	-36.2579	40.0
Acetophenone	2.406	2.005	0.060	-16.6603	20.0
4-Methylphenol	1.577	1.408	0.010	-10.7259	20.0
N-Nitroso-di-n-propylamine	1.274	0.983	0.050	-22.871	30.0
Hexachloroethane	0.655	0.569	0.100	-13.1274	20.0
Nitrobenzene	0.452	0.367	0.050	-18.8819	25.0
Isophorone	0.809	0.696	0.050	-14.0373	25.0
2-Nitrophenol	0.175	0.186	0.050	6.579	25.0
2,4-Dimethylphenol	0.374	0.346	0.050	-7.5275	25.0
Bis(2-Chloroethoxy)methane	0.495	0.421	0.050	-14.989	20.0
2,4-Dichlorophenol	0.315	0.322	0.060	2.4006	20.0
Naphthalene	1.150	1.102	0.200	-4.213	20.0
4-Chloroaniline	0.464	0.420	0.010	-9.498	40.0
Hexachlorobutadiene	0.208	0.207	0.040	-0.4303	30.0
Caprolactam	0.101	0.103	0.010	2.0864	40.0
4-Chloro-3-methylphenol	0.326	0.327	0.040	0.2357	25.0
1-Methylnaphthalene	0.744	0.740	0.100	-0.4866	20.0
2-Methylnaphthalene	0.731	0.706	0.100	-3.4547	20.0
Hexachlorocyclopentadiene	0.394	0.244	0.010	-37.9429	40.0
2,4,6-Trichlorophenol	0.377	0.397	0.090	5.3433	25.0
2,4,5-Trichlorophenol	0.412	0.442	0.100	7.1881	25.0
1,1-Biphenyl	1.601	1.458	0.200	-8.9713	20.0
2-Chloronaphthalene	1.238	1.183	0.300	-4.4391	20.0
2-Nitroaniline	0.393	0.318	0.050	-19.025	40.0
Dimethylphthalate	1.468	1.380	0.300	-6.0536	20.0
2,6-Dinitrotoluene	0.258	0.276	0.080	7.1425	30.0
Acenaphthylene	1.939	1.938	0.400	-0.0696	20.0
3-Nitroaniline	0.312	0.316	0.010	1.2456	40.0
Acenaphthene	1.371	1.271	0.200	-7.2778	20.0
2,4-Dinitrophenol	0.159	0.117	0.010	-26.8075	40.0
4-Nitrophenol	0.242	0.199	0.010	-17.696	40.0
Dibenzofuran	1.845	1.744	0.300	-5.4586	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/14/2024 : 17:34

Lab File ID: BM048032.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020179 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.387	0.414	0.070	6.9097	30.0
Diethylphthalate	1.469	1.381	0.300	-6.0105	20.0
Fluorene	1.539	1.425	0.200	-7.4505	20.0
4-Chlorophenyl-phenylether	0.727	0.685	0.100	-5.7798	20.0
4-Nitroaniline	0.303	0.348	0.010	14.9382	40.0
4,6-Dinitro-2-methylphenol	0.130	0.099	0.010	-23.2786	40.0
N-Nitrosodiphenylamine	0.623	0.561	0.050	-10.035	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.595	0.100	-8.5549	20.0
4-Bromophenyl-phenylether	0.206	0.201	0.070	-2.3827	20.0
Hexachlorobenzene	0.240	0.245	0.050	2.0633	25.0
Atrazine	0.207	0.172	0.010	-16.9206	25.0
Pentachlorophenol	0.153	0.161	0.010	5.5407	40.0
Phenanthrene	1.173	1.095	0.200	-6.6273	20.0
Pentachlorobenzene	0.323	0.281	0.050	-13.1833	20.0
Anthracene	1.196	1.131	0.200	-5.454	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.278	0.050	-16.1405	20.0
Carbazole	1.084	1.049	0.050	-3.2827	40.0
Di-n-butylphthalate	1.207	1.155	0.500	-4.3219	25.0
Fluoranthene	1.337	1.327	0.400	-0.7048	25.0
Pyrene	1.488	1.417	0.400	-4.789	25.0
Butylbenzylphthalate	0.526	0.585	0.100	11.2362	40.0
3,3-Dichlorobenzidine	0.423	0.433	0.010	2.3553	40.0
Benzo (a) anthracene	1.400	1.421	0.300	1.5012	30.0
Chrysene	1.365	1.319	0.200	-3.3896	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.816	0.200	3.3571	40.0
Di-n-octyl phthalate	1.290	1.236	0.010	-4.1888	40.0
Benzo (b) fluoranthene	1.247	1.178	0.200	-5.5258	25.0
Benzo (k) fluoranthene	1.275	1.222	0.200	-4.1732	25.0
Benzo (a) pyrene	1.185	1.165	0.200	-1.6626	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.472	0.200	-3.0122	25.0
Dibenzo (a,h) anthracene	1.244	1.227	0.200	-1.3923	30.0
Benzo (g,h,i) perylene	1.189	1.203	0.200	1.1877	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.378	0.040	16.3312	20.0
1,4-Dioxane-d8	0.619	0.518	0.010	-16.3402	25.0
Pyridine-d5	1.812	1.448	0.010	-20.0758	40.0
Phenol-d5	1.891	1.689	0.010	-10.6842	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	0.962	0.050	-28.3131	25.0
2-Chlorophenol-d4	1.376	1.438	0.200	4.486	20.0
4-Methylphenol-d8	1.406	1.321	0.010	-6.087	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/14/2024 : 17:34

Lab File ID: BM048032.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020179 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.164	0.050	2.9468	20.0
2-Nitrophenol-d4	0.153	0.180	0.050	17.7627	30.0
2,4-Dichlorophenol-d3	0.305	0.330	0.060	8.1074	20.0
4-Chloroaniline-d4	0.471	0.438	0.010	-7.0278	40.0
Dimethylphthalate-d6	1.450	1.373	0.300	-5.315	20.0
Acenaphthylene-d8	1.719	1.686	0.400	-1.9035	20.0
4-Nitrophenol-d4	0.289	0.274	0.010	-5.1751	40.0
Fluorene-d10	1.256	1.237	0.100	-1.5168	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.092	0.010	-21.2489	40.0
Anthracene-d10	0.983	0.944	0.300	-4.0156	20.0
Pyrene-d10	1.135	1.128	0.300	-0.633	25.0
Benzo(a)pyrene-d12	1.038	1.006	0.010	-3.0641	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/15/2024 : 04:07

Lab File ID: BM048047.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020180 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.676	0.528	0.010	-21.9152	40.0
Benzaldehyde	1.028	0.928	0.010	-9.7558	40.0
Pyridine	1.908	1.449	0.010	-24.0437	40.0
Phenol	2.012	1.673	0.080	-16.8399	20.0
Bis(2-Chloroethyl)ether	1.603	1.321	0.100	-17.601	20.0
2-Chlorophenol	1.458	1.394	0.200	-4.3474	20.0
2-Methylphenol	1.403	1.284	0.010	-8.4693	20.0
2,2-oxybis(1-Chloropropane)	3.018	1.903	0.010	-36.9565	40.0
Acetophenone	2.406	2.025	0.060	-15.8359	20.0
4-Methylphenol	1.577	1.370	0.010	-13.1427	20.0
N-Nitroso-di-n-propylamine	1.274	0.969	0.050	-23.9371	30.0
Hexachloroethane	0.655	0.582	0.100	-11.1906	20.0
Nitrobenzene	0.452	0.363	0.050	-19.6982	25.0
Isophorone	0.809	0.684	0.050	-15.4391	25.0
2-Nitrophenol	0.175	0.189	0.050	8.0358	25.0
2,4-Dimethylphenol	0.374	0.336	0.050	-10.1773	25.0
Bis(2-Chloroethoxy)methane	0.495	0.414	0.050	-16.3753	20.0
2,4-Dichlorophenol	0.315	0.316	0.060	0.2448	20.0
Naphthalene	1.150	1.078	0.200	-6.273	20.0
4-Chloroaniline	0.464	0.412	0.010	-11.1329	40.0
Hexachlorobutadiene	0.208	0.201	0.040	-3.2303	30.0
Caprolactam	0.101	0.104	0.010	3.385	40.0
4-Chloro-3-methylphenol	0.326	0.320	0.040	-1.7029	25.0
1-Methylnaphthalene	0.744	0.723	0.100	-2.8276	20.0
2-Methylnaphthalene	0.731	0.699	0.100	-4.3998	20.0
Hexachlorocyclopentadiene	0.394	0.306	0.010	-22.1883	40.0
2,4,6-Trichlorophenol	0.377	0.402	0.090	6.7704	25.0
2,4,5-Trichlorophenol	0.412	0.427	0.100	3.5523	25.0
1,1-Biphenyl	1.601	1.444	0.200	-9.804	20.0
2-Chloronaphthalene	1.238	1.166	0.300	-5.8681	20.0
2-Nitroaniline	0.393	0.325	0.050	-17.2995	40.0
Dimethylphthalate	1.468	1.376	0.300	-6.2775	20.0
2,6-Dinitrotoluene	0.258	0.288	0.080	11.4864	30.0
Acenaphthylene	1.939	1.912	0.400	-1.3813	20.0
3-Nitroaniline	0.312	0.331	0.010	5.9288	40.0
Acenaphthene	1.371	1.238	0.200	-9.6954	20.0
2,4-Dinitrophenol	0.159	0.156	0.010	-1.8358	40.0
4-Nitrophenol	0.242	0.249	0.010	2.6916	40.0
Dibenzofuran	1.845	1.706	0.300	-7.5419	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/15/2024 : 04:07

Lab File ID: BM048047.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020180 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.387	0.431	0.070	11.1598	30.0
Diethylphthalate	1.469	1.381	0.300	-5.9756	20.0
Fluorene	1.539	1.388	0.200	-9.8414	20.0
4-Chlorophenyl-phenylether	0.727	0.670	0.100	-7.8234	20.0
4-Nitroaniline	0.303	0.360	0.010	18.7948	40.0
4,6-Dinitro-2-methylphenol	0.130	0.111	0.010	-14.2197	40.0
N-Nitrosodiphenylamine	0.623	0.546	0.050	-12.3162	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.593	0.100	-8.8621	20.0
4-Bromophenyl-phenylether	0.206	0.197	0.070	-4.512	20.0
Hexachlorobenzene	0.240	0.239	0.050	-0.462	25.0
Atrazine	0.207	0.196	0.010	-5.4949	25.0
Pentachlorophenol	0.153	0.174	0.010	14.363	40.0
Phenanthrene	1.173	1.067	0.200	-9.0185	20.0
Pentachlorobenzene	0.323	0.276	0.050	-14.7286	20.0
Anthracene	1.196	1.101	0.200	-7.9389	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.277	0.050	-16.2435	20.0
Carbazole	1.084	1.015	0.050	-6.3643	40.0
Di-n-butylphthalate	1.207	1.163	0.500	-3.6222	25.0
Fluoranthene	1.337	1.328	0.400	-0.6944	25.0
Pyrene	1.488	1.398	0.400	-6.0238	25.0
Butylbenzylphthalate	0.526	0.589	0.100	11.88	40.0
3,3-Dichlorobenzidine	0.423	0.424	0.010	0.3771	40.0
Benzo (a) anthracene	1.400	1.403	0.300	0.1874	30.0
Chrysene	1.365	1.290	0.200	-5.4937	30.0
Bis (2-ethylhexyl) phthalate	0.790	0.815	0.200	3.2238	40.0
Di-n-octyl phthalate	1.290	1.238	0.010	-4.032	40.0
Benzo (b) fluoranthene	1.247	1.205	0.200	-3.4054	25.0
Benzo (k) fluoranthene	1.275	1.168	0.200	-8.4186	25.0
Benzo (a) pyrene	1.185	1.141	0.200	-3.7111	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.432	0.200	-5.658	25.0
Dibenzo (a,h) anthracene	1.244	1.195	0.200	-3.9071	30.0
Benzo (g,h,i) perylene	1.189	1.161	0.200	-2.4007	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.365	0.040	12.4026	20.0
1,4-Dioxane-d8	0.619	0.467	0.010	-24.478	25.0
Pyridine-d5	1.812	1.385	0.010	-23.5504	40.0
Phenol-d5	1.891	1.648	0.010	-12.8475	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	0.950	0.050	-29.2289	25.0
2-Chlorophenol-d4	1.376	1.417	0.200	2.9683	20.0
4-Methylphenol-d8	1.406	1.301	0.010	-7.5059	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/15/2024 : 04:07

Lab File ID: BM048047.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020180 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.163	0.050	2.2225	20.0
2-Nitrophenol-d4	0.153	0.179	0.050	17.1564	30.0
2,4-Dichlorophenol-d3	0.305	0.323	0.060	6.0547	20.0
4-Chloroaniline-d4	0.471	0.443	0.010	-6.066	40.0
Dimethylphthalate-d6	1.450	1.369	0.300	-5.5843	20.0
Acenaphthylene-d8	1.719	1.667	0.400	-3.0191	20.0
4-Nitrophenol-d4	0.289	0.295	0.010	2.139	40.0
Fluorene-d10	1.256	1.217	0.100	-3.1074	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.104	0.010	-10.9988	40.0
Anthracene-d10	0.983	0.932	0.300	-5.1796	20.0
Pyrene-d10	1.135	1.136	0.300	0.0822	25.0
Benzo(a)pyrene-d12	1.038	0.987	0.010	-4.8454	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/15/2024 : 15:09

Lab File ID: BM048061.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020181 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.676	0.525	0.010	-22.3331	40.0
Benzaldehyde	1.028	0.932	0.010	-9.3974	40.0
Pyridine	1.908	1.430	0.010	-25.0294	40.0
Phenol	2.012	1.673	0.080	-16.8763	20.0
Bis(2-Chloroethyl)ether	1.603	1.368	0.100	-14.6827	20.0
2-Chlorophenol	1.458	1.401	0.200	-3.9206	20.0
2-Methylphenol	1.403	1.296	0.010	-7.633	20.0
2,2-oxybis(1-Chloropropane)	3.018	1.897	0.010	-37.1495	40.0
Acetophenone	2.406	2.017	0.060	-16.1709	20.0
4-Methylphenol	1.577	1.357	0.010	-13.9347	20.0
N-Nitroso-di-n-propylamine	1.274	0.987	0.050	-22.5435	30.0
Hexachloroethane	0.655	0.593	0.100	-9.5373	20.0
Nitrobenzene	0.452	0.358	0.050	-20.8088	25.0
Isophorone	0.809	0.703	0.050	-13.117	25.0
2-Nitrophenol	0.175	0.196	0.050	12.5444	25.0
2,4-Dimethylphenol	0.374	0.339	0.050	-9.4682	25.0
Bis(2-Chloroethoxy)methane	0.495	0.436	0.050	-11.8752	20.0
2,4-Dichlorophenol	0.315	0.317	0.060	0.7043	20.0
Naphthalene	1.150	1.086	0.200	-5.6027	20.0
4-Chloroaniline	0.464	0.416	0.010	-10.3874	40.0
Hexachlorobutadiene	0.208	0.209	0.040	0.4058	30.0
Caprolactam	0.101	0.106	0.010	5.215	40.0
4-Chloro-3-methylphenol	0.326	0.320	0.040	-1.8864	25.0
1-Methylnaphthalene	0.744	0.733	0.100	-1.3707	20.0
2-Methylnaphthalene	0.731	0.716	0.100	-1.9911	20.0
Hexachlorocyclopentadiene	0.394	0.395	0.010	0.3748	40.0
2,4,6-Trichlorophenol	0.377	0.404	0.090	7.202	25.0
2,4,5-Trichlorophenol	0.412	0.425	0.100	3.111	25.0
1,1-Biphenyl	1.601	1.466	0.200	-8.4324	20.0
2-Chloronaphthalene	1.238	1.173	0.300	-5.2779	20.0
2-Nitroaniline	0.393	0.310	0.050	-21.0625	40.0
Dimethylphthalate	1.468	1.440	0.300	-1.9527	20.0
2,6-Dinitrotoluene	0.258	0.297	0.080	15.0949	30.0
Acenaphthylene	1.939	1.902	0.400	-1.9052	20.0
3-Nitroaniline	0.312	0.313	0.010	0.1677	40.0
Acenaphthene	1.371	1.228	0.200	-10.4133	20.0
2,4-Dinitrophenol	0.159	0.201	0.010	26.158	40.0
4-Nitrophenol	0.242	0.241	0.010	-0.4103	40.0
Dibenzofuran	1.845	1.701	0.300	-7.7861	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/15/2024 : 15:09

Lab File ID: BM048061.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020181 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.387	0.420	0.070	8.3915	30.0
Diethylphthalate	1.469	1.430	0.300	-2.6779	20.0
Fluorene	1.539	1.371	0.200	-10.8974	20.0
4-Chlorophenyl-phenylether	0.727	0.690	0.100	-5.0937	20.0
4-Nitroaniline	0.303	0.305	0.010	0.6312	40.0
4,6-Dinitro-2-methylphenol	0.130	0.134	0.010	3.0551	40.0
N-Nitrosodiphenylamine	0.623	0.582	0.050	-6.6586	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.606	0.100	-6.9962	20.0
4-Bromophenyl-phenylether	0.206	0.214	0.070	3.6002	20.0
Hexachlorobenzene	0.240	0.253	0.050	5.3298	25.0
Atrazine	0.207	0.214	0.010	3.3762	25.0
Pentachlorophenol	0.153	0.182	0.010	19.4735	40.0
Phenanthrene	1.173	1.080	0.200	-7.9242	20.0
Pentachlorobenzene	0.323	0.296	0.050	-8.4679	20.0
Anthracene	1.196	1.110	0.200	-7.2464	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.302	0.050	-8.9282	20.0
Carbazole	1.084	0.995	0.050	-8.1996	40.0
Di-n-butylphthalate	1.207	1.308	0.500	8.3209	25.0
Fluoranthene	1.337	1.436	0.400	7.4278	25.0
Pyrene	1.488	1.498	0.400	0.6803	25.0
Butylbenzylphthalate	0.526	0.666	0.100	26.5481	40.0
3,3-Dichlorobenzidine	0.423	0.447	0.010	5.6908	40.0
Benzo (a) anthracene	1.400	1.409	0.300	0.6256	30.0
Chrysene	1.365	1.307	0.200	-4.2449	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.959	0.200	21.473	40.0
Di-n-octyl phthalate	1.290	1.483	0.010	14.9938	40.0
Benzo (b) fluoranthene	1.247	1.222	0.200	-2.0157	25.0
Benzo (k) fluoranthene	1.275	1.223	0.200	-4.1407	25.0
Benzo (a) pyrene	1.185	1.162	0.200	-1.9232	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.405	0.200	-7.4383	25.0
Dibenzo (a,h) anthracene	1.244	1.184	0.200	-4.7921	30.0
Benzo (g,h,i) perylene	1.189	1.129	0.200	-5.0846	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.362	0.040	11.4582	20.0
1,4-Dioxane-d8	0.619	0.478	0.010	-22.8164	25.0
Pyridine-d5	1.812	1.383	0.010	-23.6789	40.0
Phenol-d5	1.891	1.648	0.010	-12.8491	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	0.950	0.050	-29.2041	25.0
2-Chlorophenol-d4	1.376	1.427	0.200	3.6779	20.0
4-Methylphenol-d8	1.406	1.285	0.010	-8.6196	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/15/2024 : 15:09

Lab File ID: BM048061.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020181 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.169	0.050	6.0118	20.0
2-Nitrophenol-d4	0.153	0.188	0.050	23.0378	30.0
2,4-Dichlorophenol-d3	0.305	0.326	0.060	6.9692	20.0
4-Chloroaniline-d4	0.471	0.438	0.010	-7.08	40.0
Dimethylphthalate-d6	1.450	1.433	0.300	-1.1569	20.0
Acenaphthylene-d8	1.719	1.678	0.400	-2.3817	20.0
4-Nitrophenol-d4	0.289	0.266	0.010	-7.8545	40.0
Fluorene-d10	1.256	1.212	0.100	-3.493	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.125	0.010	6.5795	40.0
Anthracene-d10	0.983	0.940	0.300	-4.4137	20.0
Pyrene-d10	1.135	1.214	0.300	6.9212	25.0
Benzo(a)pyrene-d12	1.038	1.008	0.010	-2.8631	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/16/2024 : 02:21

Lab File ID: BM048077.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020182 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.676	0.509	0.010	-24.777	50.0
Benzaldehyde	1.028	0.913	0.010	-11.2658	50.0
Pyridine	1.908	1.395	0.010	-26.8738	50.0
Phenol	2.012	1.644	0.080	-18.3068	50.0
Bis(2-Chloroethyl)ether	1.603	1.359	0.100	-15.2749	50.0
2-Chlorophenol	1.458	1.408	0.200	-3.4238	50.0
2-Methylphenol	1.403	1.271	0.010	-9.4072	50.0
2,2-oxybis(1-Chloropropane)	3.018	1.949	0.010	-35.4178	50.0
Acetophenone	2.406	2.000	0.060	-16.872	50.0
4-Methylphenol	1.577	1.362	0.010	-13.6124	50.0
N-Nitroso-di-n-propylamine	1.274	0.979	0.050	-23.1484	50.0
Hexachloroethane	0.655	0.597	0.100	-8.8736	50.0
Nitrobenzene	0.452	0.364	0.050	-19.5642	50.0
Isophorone	0.809	0.701	0.050	-13.3654	50.0
2-Nitrophenol	0.175	0.193	0.050	10.7163	50.0
2,4-Dimethylphenol	0.374	0.339	0.050	-9.2682	50.0
Bis(2-Chloroethoxy)methane	0.495	0.435	0.050	-12.1459	50.0
2,4-Dichlorophenol	0.315	0.317	0.060	0.6523	50.0
Naphthalene	1.150	1.088	0.200	-5.3867	50.0
4-Chloroaniline	0.464	0.411	0.010	-11.5206	50.0
Hexachlorobutadiene	0.208	0.210	0.040	1.1342	50.0
Caprolactam	0.101	0.098	0.010	-2.3515	50.0
4-Chloro-3-methylphenol	0.326	0.314	0.040	-3.7029	50.0
1-Methylnaphthalene	0.744	0.733	0.100	-1.3806	50.0
2-Methylnaphthalene	0.731	0.710	0.100	-2.8985	50.0
Hexachlorocyclopentadiene	0.394	0.388	0.010	-1.5334	50.0
2,4,6-Trichlorophenol	0.377	0.402	0.090	6.5994	50.0
2,4,5-Trichlorophenol	0.412	0.422	0.100	2.4478	50.0
1,1-Biphenyl	1.601	1.458	0.200	-8.935	50.0
2-Chloronaphthalene	1.238	1.171	0.300	-5.4328	50.0
2-Nitroaniline	0.393	0.301	0.050	-23.334	50.0
Dimethylphthalate	1.468	1.419	0.300	-3.3941	50.0
2,6-Dinitrotoluene	0.258	0.288	0.080	11.8327	50.0
Acenaphthylene	1.939	1.905	0.400	-1.7228	50.0
3-Nitroaniline	0.312	0.311	0.010	-0.4378	50.0
Acenaphthene	1.371	1.244	0.200	-9.2459	50.0
2,4-Dinitrophenol	0.159	0.163	0.010	2.0293	50.0
4-Nitrophenol	0.242	0.234	0.010	-3.6449	50.0
Dibenzofuran	1.845	1.710	0.300	-7.3222	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/16/2024 : 02:21

Lab File ID: BM048077.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020182 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.387	0.419	0.070	8.0756	50.0
Diethylphthalate	1.469	1.437	0.300	-2.2161	50.0
Fluorene	1.539	1.361	0.200	-11.5645	50.0
4-Chlorophenyl-phenylether	0.727	0.683	0.100	-6.0587	50.0
4-Nitroaniline	0.303	0.325	0.010	7.0848	50.0
4,6-Dinitro-2-methylphenol	0.130	0.116	0.010	-10.7998	50.0
N-Nitrosodiphenylamine	0.623	0.581	0.050	-6.7161	50.0
1,2,4,5-Tetrachlorobenzene	0.651	0.608	0.100	-6.6619	50.0
4-Bromophenyl-phenylether	0.206	0.214	0.070	4.0088	50.0
Hexachlorobenzene	0.240	0.252	0.050	4.9312	50.0
Atrazine	0.207	0.220	0.010	6.0934	50.0
Pentachlorophenol	0.153	0.177	0.010	15.9643	50.0
Phenanthrene	1.173	1.073	0.200	-8.5361	50.0
Pentachlorobenzene	0.323	0.302	0.050	-6.6033	50.0
Anthracene	1.196	1.108	0.200	-7.3512	50.0
1,2,3,4-Tetrachlorobenzene	0.331	0.304	0.050	-8.2808	50.0
Carbazole	1.084	0.992	0.050	-8.5123	50.0
Di-n-butylphthalate	1.207	1.279	0.500	5.9354	50.0
Fluoranthene	1.337	1.399	0.400	4.6707	50.0
Pyrene	1.488	1.464	0.400	-1.5897	50.0
Butylbenzylphthalate	0.526	0.660	0.100	25.5601	50.0
3,3-Dichlorobenzidine	0.423	0.419	0.010	-0.763	50.0
Benzo (a) anthracene	1.400	1.404	0.300	0.2743	50.0
Chrysene	1.365	1.317	0.200	-3.4922	50.0
Bis(2-ethylhexyl)phthalate	0.790	0.956	0.200	21.0635	50.0
Di-n-octyl phthalate	1.290	1.480	0.010	14.7204	50.0
Benzo (b) fluoranthene	1.247	1.238	0.200	-0.7729	50.0
Benzo (k) fluoranthene	1.275	1.197	0.200	-6.1154	50.0
Benzo (a) pyrene	1.185	1.154	0.200	-2.6059	50.0
Indeno (1,2,3-cd) pyrene	1.518	1.401	0.200	-7.6809	50.0
Dibenzo (a,h) anthracene	1.244	1.174	0.200	-5.6267	50.0
Benzo (g,h,i) perylene	1.189	1.139	0.200	-4.2204	50.0
2,3,4,6-Tetrachlorophenol	0.325	0.361	0.040	11.1048	50.0
1,4-Dioxane-d8	0.619	0.483	0.010	-21.9906	50.0
Pyridine-d5	1.812	1.327	0.010	-26.7727	50.0
Phenol-d5	1.891	1.621	0.010	-14.2945	50.0
Bis- (2-Chloroethyl) ether-d8	1.342	0.969	0.050	-27.8222	50.0
2-Chlorophenol-d4	1.376	1.412	0.200	2.5876	50.0
4-Methylphenol-d8	1.406	1.292	0.010	-8.1071	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG No.: BM101424

Instrument ID: BNA_M Calibration Date/Time: 10/16/2024 : 02:21

Lab File ID: BM048077.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020182 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.167	0.050	4.9578	50.0
2-Nitrophenol-d4	0.153	0.185	0.050	20.9302	50.0
2,4-Dichlorophenol-d3	0.305	0.327	0.060	7.1922	50.0
4-Chloroaniline-d4	0.471	0.435	0.010	-7.5968	50.0
Dimethylphthalate-d6	1.450	1.412	0.300	-2.5909	50.0
Acenaphthylene-d8	1.719	1.674	0.400	-2.6538	50.0
4-Nitrophenol-d4	0.289	0.264	0.010	-8.6171	50.0
Fluorene-d10	1.256	1.207	0.100	-3.9004	50.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.109	0.010	-7.2382	50.0
Anthracene-d10	0.983	0.940	0.300	-4.4026	50.0
Pyrene-d10	1.135	1.185	0.300	4.354	50.0
Benzo(a)pyrene-d12	1.038	1.006	0.010	-3.0672	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BM101424
Lab Sample ID:	PB163884BL	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
BM048025.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

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

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BM101424
Lab Sample ID:	PB163884BL	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
BM048025.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

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

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BM101424
Lab Sample ID:	PB163884BL	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
BM048025.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.82		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	17.44		20-120		44	SPK: -40
4165-62-2	Phenol-d5	18.637		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.022		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.836		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	19.077		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.935		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.238		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.386		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.348		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.977		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.218		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.23		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	22.765		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BM101424
Lab Sample ID:	PB163884BL	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
BM048025.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.023		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	22.459		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	23.603		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.788		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215768	7.781				
1146-65-2	Naphthalene-d8	827329	10.575				
15067-26-2	Acenaphthene-d10	501623	14.416				
1517-22-2	Phenanthrene-d10	1039165	17.157				
1719-03-5	Chrysene-d12	1005734	21.386				
1520-96-3	Perylene-d12	1208453	24.374				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG1	SDG No.:	BM101424
Lab Sample ID:	P4239-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048026.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	9.8	99	ug/Kg
100-52-7	Benzaldehyde	110	U	110	120	490	ug/Kg
110-86-1	Pyridine	64	U	64	250	490	ug/Kg
108-95-2	Phenol	52	U	52	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	120	490	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	63.2	250	ug/Kg
95-48-7	2-Methylphenol	45	U	45	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	120	490	ug/Kg
98-86-2	Acetophenone	57	U	57	120	490	ug/Kg
106-44-5	4-Methylphenol	48	U	48	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	63.2	250	ug/Kg
67-72-1	Hexachloroethane	34	U	34	63.2	250	ug/Kg
98-95-3	Nitrobenzene	54	U	54	63.2	250	ug/Kg
78-59-1	Isophorone	51	U	51	63.2	250	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	63.2	250	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	63.2	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	63.2	250	ug/Kg
120-83-2	2,4-Dichlorophenol	58	U	58	63.2	250	ug/Kg
91-20-3	Naphthalene	51	U	51	63.2	250	ug/Kg
106-47-8	4-Chloroaniline	64	U	64	63.2	490	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	63.2	250	ug/Kg
105-60-2	Caprolactam	180	U	180	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	63.2	250	ug/Kg
90-12-0	1-Methylnaphthalene	61	U	61	63.2	250	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	63.2	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	63.2	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	63.2	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG1	SDG No.:	BM101424
Lab Sample ID:	P4239-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.8
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
BM048026.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	71	U	71	63.2	250	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	67	63.2	250	ug/Kg
88-74-4	2-Nitroaniline	33	U	33	63.2	250	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	63.2	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	63.2	250	ug/Kg
208-96-8	Acenaphthylene	64	U	64	63.2	250	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	120	490	ug/Kg
83-32-9	Acenaphthene	61	U	61	63.2	250	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	120	490	ug/Kg
100-02-7	4-Nitrophenol	61	U	61	120	490	ug/Kg
132-64-9	Dibenzofuran	68	U	68	63.2	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	63.2	250	ug/Kg
84-66-2	Diethylphthalate	89	U	89	63.2	250	ug/Kg
86-73-7	Fluorene	67	U	67	63.2	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	70	U	70	63.2	250	ug/Kg
100-01-6	4-Nitroaniline	63	U	63	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	63	63.2	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	76	63.2	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67	U	67	63.2	250	ug/Kg
118-74-1	Hexachlorobenzene	74	U	74	63.2	250	ug/Kg
1912-24-9	Atrazine	58	U	58	120	490	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	490	ug/Kg
85-01-8	Phenanthrene	440		65	63.2	250	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	63.2	250	ug/Kg
120-12-7	Anthracene	84	J	64	63.2	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	49	U	49	63.2	250	ug/Kg
86-74-8	Carbazole	67	U	67	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	63.2	250	ug/Kg
206-44-0	Fluoranthene	1100		65	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG1	SDG No.:	BM101424
Lab Sample ID:	P4239-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.8
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
BM048026.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	760		65	63.2	250	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	63.2	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	34	U	34	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	470		58	63.2	250	ug/Kg
218-01-9	Chrysene	590		67	63.2	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	470		65	63.2	250	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	810		63	63.2	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	J	67	63.2	250	ug/Kg
50-32-8	Benzo(a)pyrene	310		63	63.2	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		55	63.2	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	55	63.2	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	63.2	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	63.2	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.288		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	0.607	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	7.543		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.681		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.09		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	7.135		10-140		18	SPK: -40
4165-60-0	Nitrobenzene-d5	8.936		10-135		22	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.89		10-120		25	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.951		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.906		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.01		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	8.86		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.339		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	9.462		20-140		24	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG1	SDG No.:	BM101424
Lab Sample ID:	P4239-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.8
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
BM048026.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.929		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	9.089		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	9.382		10-130		23	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.961		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	369633	7.781				
1146-65-2	Naphthalene-d8	1481927	10.575				
15067-26-2	Acenaphthene-d10	903193	14.421				
1517-22-2	Phenanthrene-d10	1831141	17.156				
1719-03-5	Chrysene-d12	1713376	21.386				
1520-96-3	Perylene-d12	2049511	24.385				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.774	
000057-10-3	n-Hexadecanoic acid	350	J			18.056	
000203-64-5	4H-Cyclopenta[def]phenanthrene	140	J			18.227	
033543-31-6	Fluoranthene, 2-methyl-	120	J			20.068	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	200	J			21.062	
	(DEL) Alkane: Straight-Chain22.144	120	J			22.144	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG2	SDG No.:	BM101424
Lab Sample ID:	P4239-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048027.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	9.8	99	ug/Kg
100-52-7	Benzaldehyde	110	U	110	120	490	ug/Kg
110-86-1	Pyridine	64	U	64	250	490	ug/Kg
108-95-2	Phenol	52	U	52	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	120	490	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	63.4	250	ug/Kg
95-48-7	2-Methylphenol	45	U	45	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	120	490	ug/Kg
98-86-2	Acetophenone	57	U	57	120	490	ug/Kg
106-44-5	4-Methylphenol	48	U	48	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	63.4	250	ug/Kg
67-72-1	Hexachloroethane	34	U	34	63.4	250	ug/Kg
98-95-3	Nitrobenzene	54	U	54	63.4	250	ug/Kg
78-59-1	Isophorone	51	U	51	63.4	250	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	63.4	250	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	63.4	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	63.4	250	ug/Kg
120-83-2	2,4-Dichlorophenol	58	U	58	63.4	250	ug/Kg
91-20-3	Naphthalene	51	U	51	63.4	250	ug/Kg
106-47-8	4-Chloroaniline	64	U	64	63.4	490	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	63.4	250	ug/Kg
105-60-2	Caprolactam	180	U	180	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	63.4	250	ug/Kg
90-12-0	1-Methylnaphthalene	61	U	61	63.4	250	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	63.4	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	63.4	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	63.4	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG2	SDG No.:	BM101424
Lab Sample ID:	P4239-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048027.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	72	U	72	63.4	250	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	67	63.4	250	ug/Kg
88-74-4	2-Nitroaniline	33	U	33	63.4	250	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	63.4	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	63.4	250	ug/Kg
208-96-8	Acenaphthylene	64	U	64	63.4	250	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	120	490	ug/Kg
83-32-9	Acenaphthene	61	U	61	63.4	250	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	120	490	ug/Kg
100-02-7	4-Nitrophenol	61	U	61	120	490	ug/Kg
132-64-9	Dibenzofuran	69	U	69	63.4	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	63.4	250	ug/Kg
84-66-2	Diethylphthalate	90	U	90	63.4	250	ug/Kg
86-73-7	Fluorene	67	U	67	63.4	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	70	U	70	63.4	250	ug/Kg
100-01-6	4-Nitroaniline	63	U	63	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	63	63.4	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	76	63.4	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67	U	67	63.4	250	ug/Kg
118-74-1	Hexachlorobenzene	75	U	75	63.4	250	ug/Kg
1912-24-9	Atrazine	58	U	58	120	490	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	490	ug/Kg
85-01-8	Phenanthrene	530		66	63.4	250	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	63.4	250	ug/Kg
120-12-7	Anthracene	100	J	64	63.4	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	49	U	49	63.4	250	ug/Kg
86-74-8	Carbazole	68	J	67	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	63.4	250	ug/Kg
206-44-0	Fluoranthene	1200		66	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG2	SDG No.:	BM101424
Lab Sample ID:	P4239-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048027.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	820		66	63.4	250	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	63.4	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	34	U	34	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	510		58	63.4	250	ug/Kg
218-01-9	Chrysene	630		67	63.4	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290		66	63.4	250	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	850		63	63.4	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		67	63.4	250	ug/Kg
50-32-8	Benzo(a)pyrene	340		63	63.4	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270		55	63.4	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	55	63.4	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	63.4	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	63.4	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.201		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.546	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	6.564		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.91		10-150		15	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.2		15-120		20	SPK: -40
190780-66-6	4-Methylphenol-d8	4.326		10-140		11	SPK: -40
4165-60-0	Nitrobenzene-d5	8.267		10-135		21	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.336		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.042		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.356		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.545		10-145		21	SPK: -40
93951-97-4	Acenaphthylene-d8	8.363		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.68		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	8.906		20-140		22	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG2	SDG No.:	BM101424
Lab Sample ID:	P4239-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048027.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.375		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	8.475		10-150		21	SPK: -40
1718-52-1	Pyrene-d10	9.109		10-130		23	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.427		10-140		16	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	323822	7.786				
1146-65-2	Naphthalene-d8	1255474	10.575				
15067-26-2	Acenaphthene-d10	761835	14.421				
1517-22-2	Phenanthrene-d10	1543223	17.162				
1719-03-5	Chrysene-d12	1384690	21.386				
1520-96-3	Perylene-d12	1653220	24.385				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	280	J			3.757	
000119-61-9	Benzophenone	130	J			15.774	
000057-10-3	n-Hexadecanoic acid	290	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.227	
000084-65-1	9,10-Anthracenedione	100	J			18.574	
	(DEL) Alkane: Cyclic21.062	190	J			21.062	
	(DEL) Alkane: Straight-Chain22.144	110	J			22.144	
E966796	Total Alkanes	300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP3	SDG No.:	BM101424
Lab Sample ID:	P4239-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048028.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	9.7	98	ug/Kg
100-52-7	Benzaldehyde	110	U	110	120	490	ug/Kg
110-86-1	Pyridine	63	U	63	240	490	ug/Kg
108-95-2	Phenol	52	U	52	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	120	490	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	62.6	250	ug/Kg
95-48-7	2-Methylphenol	44	U	44	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	120	490	ug/Kg
98-86-2	Acetophenone	56	U	56	120	490	ug/Kg
106-44-5	4-Methylphenol	47	U	47	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	62.6	250	ug/Kg
67-72-1	Hexachloroethane	34	U	34	62.6	250	ug/Kg
98-95-3	Nitrobenzene	53	U	53	62.6	250	ug/Kg
78-59-1	Isophorone	50	U	50	62.6	250	ug/Kg
88-75-5	2-Nitrophenol	47	U	47	62.6	250	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	62.6	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	62.6	250	ug/Kg
120-83-2	2,4-Dichlorophenol	57	U	57	62.6	250	ug/Kg
91-20-3	Naphthalene	50	U	50	62.6	250	ug/Kg
106-47-8	4-Chloroaniline	63	U	63	62.6	490	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	62.6	250	ug/Kg
105-60-2	Caprolactam	180	U	180	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	62.6	250	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	62.6	250	ug/Kg
91-57-6	2-Methylnaphthalene	54	U	54	62.6	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	62.6	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	62.6	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP3	SDG No.:	BM101424
Lab Sample ID:	P4239-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048028.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	71	U	71	62.6	250	ug/Kg
91-58-7	2-Chloronaphthalene	66	U	66	62.6	250	ug/Kg
88-74-4	2-Nitroaniline	32	U	32	62.6	250	ug/Kg
131-11-3	Dimethylphthalate	62	U	62	62.6	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	62.6	250	ug/Kg
208-96-8	Acenaphthylene	64	J	63	62.6	250	ug/Kg
99-09-2	3-Nitroaniline	29	U	29	120	490	ug/Kg
83-32-9	Acenaphthene	60	U	60	62.6	250	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	120	490	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	120	490	ug/Kg
132-64-9	Dibenzofuran	68	U	68	62.6	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	62.6	250	ug/Kg
84-66-2	Diethylphthalate	88	U	88	62.6	250	ug/Kg
86-73-7	Fluorene	66	U	66	62.6	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	69	U	69	62.6	250	ug/Kg
100-01-6	4-Nitroaniline	62	U	62	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	62	62.6	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	75	U	75	62.6	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66	U	66	62.6	250	ug/Kg
118-74-1	Hexachlorobenzene	74	U	74	62.6	250	ug/Kg
1912-24-9	Atrazine	57	U	57	120	490	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	490	ug/Kg
85-01-8	Phenanthrene	620		65	62.6	250	ug/Kg
608-93-5	Pentachlorobenzene	75	U	75	62.6	250	ug/Kg
120-12-7	Anthracene	130	J	63	62.6	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	49	U	49	62.6	250	ug/Kg
86-74-8	Carbazole	80	J	66	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	62	62.6	250	ug/Kg
206-44-0	Fluoranthene	1600		65	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP3	SDG No.:	BM101424
Lab Sample ID:	P4239-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048028.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		65	62.6	250	ug/Kg
85-68-7	Butylbenzylphthalate	55	J	47	62.6	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	34	U	34	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	630		57	62.6	250	ug/Kg
218-01-9	Chrysene	800		66	62.6	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	600		65	62.6	250	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		62	62.6	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	370		66	62.6	250	ug/Kg
50-32-8	Benzo(a)pyrene	410		62	62.6	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	340		54	62.6	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	54	62.6	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	J	52	62.6	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	54	62.6	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.566		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	0.93	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.201		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.948		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.263		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	9.439		10-140		24	SPK: -40
4165-60-0	Nitrobenzene-d5	11.208		10-135		28	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.801		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.3		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.54		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.412		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	11.292		15-120		28	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.05		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	11.752		20-140		29	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP3	SDG No.:	BM101424
Lab Sample ID:	P4239-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048028.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.176		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	11.407		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	11.879		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.349		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	329148	7.781				
1146-65-2	Naphthalene-d8	1285294	10.575				
15067-26-2	Acenaphthene-d10	766440	14.421				
1517-22-2	Phenanthrene-d10	1520844	17.162				
1719-03-5	Chrysene-d12	1305175	21.386				
1520-96-3	Perylene-d12	1548737	24.385				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-83-8	Cyclohexene	6400	J			3.046	
000930-68-7	2-Cyclohexen-1-one	550	J			6.41	
001561-86-0	2-Chlorocyclohexanol	330	J			8.098	
000119-61-9	Benzophenone	110	J			15.774	
000057-10-3	n-Hexadecanoic acid	720	J			18.056	
000203-64-5	4H-Cyclopenta[def]phenanthrene	210	J			18.227	
000084-65-1	9,10-Anthracenedione	130	J			18.574	
000243-17-4	11H-Benzo[b]fluorene	130	J			20.068	
1000406-04-8	Pentadecafluorooctanoic acid, octa	250	J			21.062	
	(DEL) Alkane: Straight-Chain22.150	170	J			22.15	
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP4	SDG No.:	BM101424
Lab Sample ID:	P4239-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048029.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	10.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	140	550	ug/Kg
110-86-1	Pyridine	71	U	71	270	550	ug/Kg
108-95-2	Phenol	58	U	58	140	550	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	140	550	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	70.4	280	ug/Kg
95-48-7	2-Methylphenol	50	U	50	140	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	140	550	ug/Kg
98-86-2	Acetophenone	63	U	63	140	550	ug/Kg
106-44-5	4-Methylphenol	53	U	53	140	550	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	70.4	280	ug/Kg
67-72-1	Hexachloroethane	38	U	38	70.4	280	ug/Kg
98-95-3	Nitrobenzene	60	U	60	70.4	280	ug/Kg
78-59-1	Isophorone	56	U	56	70.4	280	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	70.4	280	ug/Kg
105-67-9	2,4-Dimethylphenol	46	U	46	70.4	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	63	U	63	70.4	280	ug/Kg
120-83-2	2,4-Dichlorophenol	65	U	65	70.4	280	ug/Kg
91-20-3	Naphthalene	56	U	56	70.4	280	ug/Kg
106-47-8	4-Chloroaniline	71	U	71	70.4	550	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	70.4	280	ug/Kg
105-60-2	Caprolactam	200	U	200	140	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	70.4	280	ug/Kg
90-12-0	1-Methylnaphthalene	68	U	68	70.4	280	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	61	70.4	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	140	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71	U	71	70.4	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	70	U	70	70.4	280	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP4	SDG No.:	BM101424
Lab Sample ID:	P4239-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.8
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
BM048029.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	79	U	79	70.4	280	ug/Kg
91-58-7	2-Chloronaphthalene	75	U	75	70.4	280	ug/Kg
88-74-4	2-Nitroaniline	36	U	36	70.4	280	ug/Kg
131-11-3	Dimethylphthalate	70	U	70	70.4	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	70.4	280	ug/Kg
208-96-8	Acenaphthylene	71	U	71	70.4	280	ug/Kg
99-09-2	3-Nitroaniline	33	U	33	140	550	ug/Kg
83-32-9	Acenaphthene	68	U	68	70.4	280	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	140	550	ug/Kg
100-02-7	4-Nitrophenol	68	U	68	140	550	ug/Kg
132-64-9	Dibenzofuran	76	U	76	70.4	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	70.4	280	ug/Kg
84-66-2	Diethylphthalate	99	U	99	70.4	280	ug/Kg
86-73-7	Fluorene	75	U	75	70.4	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	78	U	78	70.4	280	ug/Kg
100-01-6	4-Nitroaniline	70	U	70	140	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	26	U	26	140	550	ug/Kg
86-30-6	N-Nitrosodiphenylamine	70	U	70	70.4	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	84	U	84	70.4	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	75	U	75	70.4	280	ug/Kg
118-74-1	Hexachlorobenzene	83	U	83	70.4	280	ug/Kg
1912-24-9	Atrazine	65	U	65	140	550	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	140	550	ug/Kg
85-01-8	Phenanthrene	73	U	73	70.4	280	ug/Kg
608-93-5	Pentachlorobenzene	84	U	84	70.4	280	ug/Kg
120-12-7	Anthracene	71	U	71	70.4	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	70.4	280	ug/Kg
86-74-8	Carbazole	75	U	75	140	550	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	70.4	280	ug/Kg
206-44-0	Fluoranthene	110	J	73	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP4	SDG No.:	BM101424
Lab Sample ID:	P4239-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.8
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
BM048029.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	93	J	73	70.4	280	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	70.4	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38	U	38	140	550	ug/Kg
56-55-3	Benzo(a)anthracene	65	U	65	70.4	280	ug/Kg
218-01-9	Chrysene	75	U	75	70.4	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	73	U	73	70.4	280	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	140	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	70	U	70	70.4	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	75	U	75	70.4	280	ug/Kg
50-32-8	Benzo(a)pyrene	70	U	70	70.4	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61	U	61	70.4	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	70.4	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	70.4	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	70.4	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.493		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	11.41		20-120		29	SPK: -40
4165-62-2	Phenol-d5	14.355		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.055		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.354		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	14.936		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	17.395		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.291		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.572		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.972		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.216		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.621		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.445		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	18.068		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP4	SDG No.:	BM101424
Lab Sample ID:	P4239-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.8
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
BM048029.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.163		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	17.704		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	19.908		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.062		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	392545	7.787				
1146-65-2	Naphthalene-d8	1530783	10.575				
15067-26-2	Acenaphthene-d10	905464	14.421				
1517-22-2	Phenanthrene-d10	1802832	17.162				
1719-03-5	Chrysene-d12	1660461	21.386				
1520-96-3	Perylene-d12	1965698	24.385				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.774	
000057-10-3	n-Hexadecanoic acid	320	J			18.056	
	(DEL) Alkane: Straight-Chain	21.062	J			21.062	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP5	SDG No.:	BM101424
Lab Sample ID:	P4239-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39
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
BM048030.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	10.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	140	540	ug/Kg
110-86-1	Pyridine	70	U	70	270	540	ug/Kg
108-95-2	Phenol	57	U	57	140	540	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	140	540	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	69.7	280	ug/Kg
95-48-7	2-Methylphenol	49	U	49	140	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	140	540	ug/Kg
98-86-2	Acetophenone	62	U	62	140	540	ug/Kg
106-44-5	4-Methylphenol	52	U	52	140	540	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	69.7	280	ug/Kg
67-72-1	Hexachloroethane	38	U	38	69.7	280	ug/Kg
98-95-3	Nitrobenzene	59	U	59	69.7	280	ug/Kg
78-59-1	Isophorone	56	U	56	69.7	280	ug/Kg
88-75-5	2-Nitrophenol	52	U	52	69.7	280	ug/Kg
105-67-9	2,4-Dimethylphenol	46	U	46	69.7	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	62	U	62	69.7	280	ug/Kg
120-83-2	2,4-Dichlorophenol	64	U	64	69.7	280	ug/Kg
91-20-3	Naphthalene	56	U	56	69.7	280	ug/Kg
106-47-8	4-Chloroaniline	70	U	70	69.7	540	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	69.7	280	ug/Kg
105-60-2	Caprolactam	200	U	200	140	540	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	69.7	280	ug/Kg
90-12-0	1-Methylnaphthalene	67	U	67	69.7	280	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	61	69.7	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	140	540	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	69.7	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69	U	69	69.7	280	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP5	SDG No.:	BM101424
Lab Sample ID:	P4239-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39
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
BM048030.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	79	U	79	69.7	280	ug/Kg
91-58-7	2-Chloronaphthalene	74	U	74	69.7	280	ug/Kg
88-74-4	2-Nitroaniline	36	U	36	69.7	280	ug/Kg
131-11-3	Dimethylphthalate	69	U	69	69.7	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	69.7	280	ug/Kg
208-96-8	Acenaphthylene	70	U	70	69.7	280	ug/Kg
99-09-2	3-Nitroaniline	33	U	33	140	540	ug/Kg
83-32-9	Acenaphthene	67	U	67	69.7	280	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	140	540	ug/Kg
100-02-7	4-Nitrophenol	67	U	67	140	540	ug/Kg
132-64-9	Dibenzofuran	75	U	75	69.7	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	69.7	280	ug/Kg
84-66-2	Diethylphthalate	98	U	98	69.7	280	ug/Kg
86-73-7	Fluorene	74	U	74	69.7	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	77	U	77	69.7	280	ug/Kg
100-01-6	4-Nitroaniline	69	U	69	140	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	26	U	26	140	540	ug/Kg
86-30-6	N-Nitrosodiphenylamine	69	U	69	69.7	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	84	U	84	69.7	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	74	U	74	69.7	280	ug/Kg
118-74-1	Hexachlorobenzene	82	U	82	69.7	280	ug/Kg
1912-24-9	Atrazine	64	U	64	140	540	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	140	540	ug/Kg
85-01-8	Phenanthrene	72	U	72	69.7	280	ug/Kg
608-93-5	Pentachlorobenzene	84	U	84	69.7	280	ug/Kg
120-12-7	Anthracene	70	U	70	69.7	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	69.7	280	ug/Kg
86-74-8	Carbazole	74	U	74	140	540	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	69.7	280	ug/Kg
206-44-0	Fluoranthene	150	J	72	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP5	SDG No.:	BM101424
Lab Sample ID:	P4239-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39
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
BM048030.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	72	69.7	280	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	69.7	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38	U	38	140	540	ug/Kg
56-55-3	Benzo(a)anthracene	73	J	64	69.7	280	ug/Kg
218-01-9	Chrysene	78	J	74	69.7	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		72	69.7	280	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	140	540	ug/Kg
205-99-2	Benzo(b)fluoranthene	97	J	69	69.7	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	U	74	69.7	280	ug/Kg
50-32-8	Benzo(a)pyrene	76	J	69	69.7	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61	U	61	69.7	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	69.7	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	69.7	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	69.7	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.388		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	9.935		20-120		25	SPK: -40
4165-62-2	Phenol-d5	13.916		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.007		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.026		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	14.79		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	17.367		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.434		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.475		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.714		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.097		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.637		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.111		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	18.065		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EP5	SDG No.:	BM101424
Lab Sample ID:	P4239-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39
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
BM048030.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.948		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	17.642		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	19.381		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.772		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	387460	7.781				
1146-65-2	Naphthalene-d8	1540112	10.574				
15067-26-2	Acenaphthene-d10	939629	14.421				
1517-22-2	Phenanthrene-d10	1916842	17.162				
1719-03-5	Chrysene-d12	1813068	21.386				
1520-96-3	Perylene-d12	2145279	24.385				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	240	J			15.774	
000057-10-3	n-Hexadecanoic acid	360	J			18.056	
	(DEL) Alkane: Straight-Chain	21.062	J			21.062	
E966796	Total Alkanes	190				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EM6	SDG No.:	BM101424
Lab Sample ID:	P4239-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.6
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
BM048031.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	10.2	100	ug/Kg
100-52-7	Benzaldehyde	120	U	120	130	510	ug/Kg
110-86-1	Pyridine	67	U	67	260	510	ug/Kg
108-95-2	Phenol	54	U	54	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	130	510	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	66	260	ug/Kg
95-48-7	2-Methylphenol	47	U	47	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	130	510	ug/Kg
98-86-2	Acetophenone	59	U	59	130	510	ug/Kg
106-44-5	4-Methylphenol	50	U	50	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	66	260	ug/Kg
67-72-1	Hexachloroethane	36	U	36	66	260	ug/Kg
98-95-3	Nitrobenzene	56	U	56	66	260	ug/Kg
78-59-1	Isophorone	53	U	53	66	260	ug/Kg
88-75-5	2-Nitrophenol	50	U	50	66	260	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	66	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	66	260	ug/Kg
120-83-2	2,4-Dichlorophenol	61	U	61	66	260	ug/Kg
91-20-3	Naphthalene	53	U	53	66	260	ug/Kg
106-47-8	4-Chloroaniline	67	U	67	66	510	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	66	260	ug/Kg
105-60-2	Caprolactam	190	U	190	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	66	260	ug/Kg
90-12-0	1-Methylnaphthalene	64	U	64	66	260	ug/Kg
91-57-6	2-Methylnaphthalene	57	U	57	66	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	66	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	U	65	66	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EM6	SDG No.:	BM101424
Lab Sample ID:	P4239-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.6
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
BM048031.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	75	U	75	66	260	ug/Kg
91-58-7	2-Chloronaphthalene	70	U	70	66	260	ug/Kg
88-74-4	2-Nitroaniline	34	U	34	66	260	ug/Kg
131-11-3	Dimethylphthalate	65	U	65	66	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	66	260	ug/Kg
208-96-8	Acenaphthylene	67	U	67	66	260	ug/Kg
99-09-2	3-Nitroaniline	31	U	31	130	510	ug/Kg
83-32-9	Acenaphthene	64	U	64	66	260	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	130	510	ug/Kg
100-02-7	4-Nitrophenol	64	U	64	130	510	ug/Kg
132-64-9	Dibenzofuran	71	U	71	66	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	66	260	ug/Kg
84-66-2	Diethylphthalate	93	U	93	66	260	ug/Kg
86-73-7	Fluorene	70	U	70	66	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	73	U	73	66	260	ug/Kg
100-01-6	4-Nitroaniline	65	U	65	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	65	66	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	79	U	79	66	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	70	U	70	66	260	ug/Kg
118-74-1	Hexachlorobenzene	78	U	78	66	260	ug/Kg
1912-24-9	Atrazine	61	U	61	130	510	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	510	ug/Kg
85-01-8	Phenanthrene	120	J	68	66	260	ug/Kg
608-93-5	Pentachlorobenzene	79	U	79	66	260	ug/Kg
120-12-7	Anthracene	67	U	67	66	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	51	U	51	66	260	ug/Kg
86-74-8	Carbazole	70	U	70	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	66	260	ug/Kg
206-44-0	Fluoranthene	170	J	68	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EM6	SDG No.:	BM101424
Lab Sample ID:	P4239-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.6
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
BM048031.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	68	66	260	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	66	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36	U	36	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	77	J	61	66	260	ug/Kg
218-01-9	Chrysene	82	J	70	66	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	68	U	68	66	260	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	90	J	65	66	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	66	260	ug/Kg
50-32-8	Benzo(a)pyrene	68	J	65	66	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	U	57	66	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	66	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	66	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	66	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.512		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	11.132		20-120		28	SPK: -40
4165-62-2	Phenol-d5	14.513		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.923		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.048		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	15.942		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	17.247		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.149		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.049		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.456		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.243		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.261		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.904		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	18.928		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	A4EM6	SDG No.:	BM101424
Lab Sample ID:	P4239-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	35.6
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
BM048031.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.72		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	18.945		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	20.356		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.122		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	342539	7.787				
1146-65-2	Naphthalene-d8	1364533	10.575				
15067-26-2	Acenaphthene-d10	834878	14.422				
1517-22-2	Phenanthrene-d10	1680600	17.163				
1719-03-5	Chrysene-d12	1634652	21.386				
1520-96-3	Perylene-d12	1939419	24.386				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	250	J			15.774	
000057-10-3	n-Hexadecanoic acid	250	J			18.057	
1000406-04-8	Pentadecafluorooctanoic acid, octa	120	J			21.062	
E966796	Total Alkanes	75	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BM101424
Lab Sample ID:	PB163884BL	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
BM048033.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

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

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BM101424
Lab Sample ID:	PB163884BL	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
BM048033.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

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

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BM101424
Lab Sample ID:	PB163884BL	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
BM048033.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.909		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	17.623		20-120		44	SPK: -40
4165-62-2	Phenol-d5	19.353		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.241		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.835		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.262		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.174		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.092		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.01		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.969		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.862		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.271		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.291		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	22.554		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/3/2024 12:00:00 AM
Project:		Date Received:	10/3/2024 12:00:00 AM
Client Sample ID:	SBLK884	SDG No.:	BM101424
Lab Sample ID:	PB163884BL	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
BM048033.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.32		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	22.908		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.271		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.805		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	245281	7.781				
1146-65-2	Naphthalene-d8	980955	10.575				
15067-26-2	Acenaphthene-d10	603483	14.421				
1517-22-2	Phenanthrene-d10	1236489	17.162				
1719-03-5	Chrysene-d12	1282323	21.386				
1520-96-3	Perylene-d12	1499299	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET4	SDG No.:	BM101424
Lab Sample ID:	P4239-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.6
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
BM048034.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	11.3	110	ug/Kg
100-52-7	Benzaldehyde	130	U	130	140	570	ug/Kg
110-86-1	Pyridine	74	U	74	280	570	ug/Kg
108-95-2	Phenol	60	U	60	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	58	U	58	140	570	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	72.8	290	ug/Kg
95-48-7	2-Methylphenol	51	U	51	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	140	570	ug/Kg
98-86-2	Acetophenone	65	U	65	140	570	ug/Kg
106-44-5	4-Methylphenol	55	U	55	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	50	U	50	72.8	290	ug/Kg
67-72-1	Hexachloroethane	39	U	39	72.8	290	ug/Kg
98-95-3	Nitrobenzene	62	U	62	72.8	290	ug/Kg
78-59-1	Isophorone	58	U	58	72.8	290	ug/Kg
88-75-5	2-Nitrophenol	55	U	55	72.8	290	ug/Kg
105-67-9	2,4-Dimethylphenol	48	U	48	72.8	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	65	U	65	72.8	290	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	67	72.8	290	ug/Kg
91-20-3	Naphthalene	58	U	58	72.8	290	ug/Kg
106-47-8	4-Chloroaniline	74	U	74	72.8	570	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	72.8	290	ug/Kg
105-60-2	Caprolactam	210	U	210	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	72.8	290	ug/Kg
90-12-0	1-Methylnaphthalene	70	U	70	72.8	290	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	63	72.8	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74	U	74	72.8	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	72	U	72	72.8	290	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET4	SDG No.:	BM101424
Lab Sample ID:	P4239-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.6
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
BM048034.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	82	U	82	72.8	290	ug/Kg
91-58-7	2-Chloronaphthalene	77	U	77	72.8	290	ug/Kg
88-74-4	2-Nitroaniline	38	U	38	72.8	290	ug/Kg
131-11-3	Dimethylphthalate	72	U	72	72.8	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	36	U	36	72.8	290	ug/Kg
208-96-8	Acenaphthylene	74	U	74	72.8	290	ug/Kg
99-09-2	3-Nitroaniline	34	U	34	140	570	ug/Kg
83-32-9	Acenaphthene	70	U	70	72.8	290	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	140	570	ug/Kg
100-02-7	4-Nitrophenol	70	U	70	140	570	ug/Kg
132-64-9	Dibenzofuran	79	U	79	72.8	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	72.8	290	ug/Kg
84-66-2	Diethylphthalate	100	U	100	72.8	290	ug/Kg
86-73-7	Fluorene	77	U	77	72.8	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	80	U	80	72.8	290	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	27	U	27	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	72	U	72	72.8	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	87	U	87	72.8	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	77	U	77	72.8	290	ug/Kg
118-74-1	Hexachlorobenzene	86	U	86	72.8	290	ug/Kg
1912-24-9	Atrazine	67	U	67	140	570	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	140	570	ug/Kg
85-01-8	Phenanthrene	330		75	72.8	290	ug/Kg
608-93-5	Pentachlorobenzene	87	U	87	72.8	290	ug/Kg
120-12-7	Anthracene	74	U	74	72.8	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	72.8	290	ug/Kg
86-74-8	Carbazole	77	U	77	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	72.8	290	ug/Kg
206-44-0	Fluoranthene	400		75	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET4	SDG No.:	BM101424
Lab Sample ID:	P4239-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.6
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
BM048034.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290		75	72.8	290	ug/Kg
85-68-7	Butylbenzylphthalate	55	U	55	72.8	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39	U	39	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	67	72.8	290	ug/Kg
218-01-9	Chrysene	180	J	77	72.8	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220	J	75	72.8	290	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	J	72	72.8	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	77	U	77	72.8	290	ug/Kg
50-32-8	Benzo(a)pyrene	87	J	72	72.8	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	U	63	72.8	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	72.8	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	72.8	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	72.8	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.628		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	0.712	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.065		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.201		10-150		21	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.422		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	8.591		10-140		21	SPK: -40
4165-60-0	Nitrobenzene-d5	11.366		10-135		28	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.031		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.937		10-140		27	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.688		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.59		10-145		29	SPK: -40
93951-97-4	Acenaphthylene-d8	11.591		15-120		29	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.943		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	12.242		20-140		31	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET4	SDG No.:	BM101424
Lab Sample ID:	P4239-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.6
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
BM048034.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.586		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	11.623		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	11.568		10-130		29	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.839		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	276995	7.781				
1146-65-2	Naphthalene-d8	1083476	10.575				
15067-26-2	Acenaphthene-d10	644664	14.421				
1517-22-2	Phenanthrene-d10	1312919	17.162				
1719-03-5	Chrysene-d12	1282604	21.386				
1520-96-3	Perylene-d12	1504378	24.385				
TENTATIVE IDENTIFIED COMPOUNDS							
002597-49-1	Cyclobutane, ethenyl-	9100	J			3.046	
000930-68-7	2-Cyclohexen-1-one	660	J			6.41	
001561-86-0	2-Chlorocyclohexanol	400	J			8.098	
000057-10-3	n-Hexadecanoic acid	140	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			18.227	
E966796	Total Alkanes	82	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG3	SDG No.:	BM101424
Lab Sample ID:	P4239-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048035.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	9.6	97	ug/Kg
100-52-7	Benzaldehyde	110	U	110	120	480	ug/Kg
110-86-1	Pyridine	62	U	62	240	480	ug/Kg
108-95-2	Phenol	51	U	51	120	480	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	120	480	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	61.7	250	ug/Kg
95-48-7	2-Methylphenol	44	U	44	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39	U	39	120	480	ug/Kg
98-86-2	Acetophenone	55	U	55	120	480	ug/Kg
106-44-5	4-Methylphenol	46	U	46	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	61.7	250	ug/Kg
67-72-1	Hexachloroethane	33	U	33	61.7	250	ug/Kg
98-95-3	Nitrobenzene	52	U	52	61.7	250	ug/Kg
78-59-1	Isophorone	49	U	49	61.7	250	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	61.7	250	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	61.7	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	61.7	250	ug/Kg
120-83-2	2,4-Dichlorophenol	57	U	57	61.7	250	ug/Kg
91-20-3	Naphthalene	49	U	49	61.7	250	ug/Kg
106-47-8	4-Chloroaniline	62	U	62	61.7	480	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	61.7	250	ug/Kg
105-60-2	Caprolactam	170	U	170	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	61.7	250	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	61.7	250	ug/Kg
91-57-6	2-Methylnaphthalene	54	U	54	61.7	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	61.7	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	61.7	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG3	SDG No.:	BM101424
Lab Sample ID:	P4239-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.4
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
BM048035.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	70	U	70	61.7	250	ug/Kg
91-58-7	2-Chloronaphthalene	65	U	65	61.7	250	ug/Kg
88-74-4	2-Nitroaniline	32	U	32	61.7	250	ug/Kg
131-11-3	Dimethylphthalate	61	U	61	61.7	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	61.7	250	ug/Kg
208-96-8	Acenaphthylene	62	U	62	61.7	250	ug/Kg
99-09-2	3-Nitroaniline	29	U	29	120	480	ug/Kg
83-32-9	Acenaphthene	60	U	60	61.7	250	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	120	480	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	120	480	ug/Kg
132-64-9	Dibenzofuran	67	U	67	61.7	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	61.7	250	ug/Kg
84-66-2	Diethylphthalate	87	U	87	61.7	250	ug/Kg
86-73-7	Fluorene	65	U	65	61.7	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	68	U	68	61.7	250	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	120	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	23	U	23	120	480	ug/Kg
86-30-6	N-Nitrosodiphenylamine	61	U	61	61.7	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	74	U	74	61.7	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65	U	65	61.7	250	ug/Kg
118-74-1	Hexachlorobenzene	73	U	73	61.7	250	ug/Kg
1912-24-9	Atrazine	57	U	57	120	480	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	480	ug/Kg
85-01-8	Phenanthrene	290		64	61.7	250	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	61.7	250	ug/Kg
120-12-7	Anthracene	62	U	62	61.7	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	48	U	48	61.7	250	ug/Kg
86-74-8	Carbazole	65	U	65	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	61.7	250	ug/Kg
206-44-0	Fluoranthene	520		64	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG3	SDG No.:	BM101424
Lab Sample ID:	P4239-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048035.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	350		64	61.7	250	ug/Kg
85-68-7	Butylbenzylphthalate	46	U	46	61.7	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	220	J	57	61.7	250	ug/Kg
218-01-9	Chrysene	240	J	65	61.7	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	64	61.7	250	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		61	61.7	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	65	61.7	250	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	61	61.7	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92	J	54	61.7	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54	U	54	61.7	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	61.7	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	54	61.7	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.326		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	0.489	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	7.338		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.391		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.068		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	5.998		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	9.013		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.064		10-120		25	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.964		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.43		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.332		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	9.245		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.181		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	9.922		20-140		25	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG3	SDG No.:	BM101424
Lab Sample ID:	P4239-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.4
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
BM048035.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.541		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	9.064		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	9.6		10-130		24	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.138		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	298875	7.781				
1146-65-2	Naphthalene-d8	1176933	10.574				
15067-26-2	Acenaphthene-d10	706615	14.421				
1517-22-2	Phenanthrene-d10	1434628	17.162				
1719-03-5	Chrysene-d12	1355912	21.386				
1520-96-3	Perylene-d12	1598956	24.385				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.774	
000057-10-3	n-Hexadecanoic acid	170	J			18.056	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			18.227	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl (DEL) Alkane: Cyclic	910 21.062	J			20.538 21.062	
E966796	Total Alkanes	99				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET3	SDG No.:	BM101424
Lab Sample ID:	P4239-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048036.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	15.4	160	ug/Kg
100-52-7	Benzaldehyde	180	U	180	190	770	ug/Kg
110-86-1	Pyridine	100	U	100	390	770	ug/Kg
108-95-2	Phenol	82	U	82	190	770	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	80	U	80	190	770	ug/Kg
95-57-8	2-Chlorophenol	66	U	66	99.4	400	ug/Kg
95-48-7	2-Methylphenol	70	U	70	190	770	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	190	770	ug/Kg
98-86-2	Acetophenone	89	U	89	190	770	ug/Kg
106-44-5	4-Methylphenol	75	U	75	190	770	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	99.4	400	ug/Kg
67-72-1	Hexachloroethane	54	U	54	99.4	400	ug/Kg
98-95-3	Nitrobenzene	84	U	84	99.4	400	ug/Kg
78-59-1	Isophorone	80	U	80	99.4	400	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	99.4	400	ug/Kg
105-67-9	2,4-Dimethylphenol	66	U	66	99.4	400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	89	U	89	99.4	400	ug/Kg
120-83-2	2,4-Dichlorophenol	91	U	91	99.4	400	ug/Kg
91-20-3	Naphthalene	80	U	80	99.4	400	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	99.4	770	ug/Kg
87-68-3	Hexachlorobutadiene	80	U	80	99.4	400	ug/Kg
105-60-2	Caprolactam	280	U	280	190	770	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	99.4	400	ug/Kg
90-12-0	1-Methylnaphthalene	96	U	96	99.4	400	ug/Kg
91-57-6	2-Methylnaphthalene	87	U	87	99.4	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	190	770	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	99.4	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98	U	98	99.4	400	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET3	SDG No.:	BM101424
Lab Sample ID:	P4239-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.4
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
BM048036.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	99.4	400	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	99.4	400	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	99.4	400	ug/Kg
131-11-3	Dimethylphthalate	98	U	98	99.4	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	99.4	400	ug/Kg
208-96-8	Acenaphthylene	100	U	100	99.4	400	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	190	770	ug/Kg
83-32-9	Acenaphthene	96	U	96	99.4	400	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	190	770	ug/Kg
100-02-7	4-Nitrophenol	96	U	96	190	770	ug/Kg
132-64-9	Dibenzofuran	110	U	110	99.4	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	63	99.4	400	ug/Kg
84-66-2	Diethylphthalate	140	U	140	99.4	400	ug/Kg
86-73-7	Fluorene	110	U	110	99.4	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	99.4	400	ug/Kg
100-01-6	4-Nitroaniline	98	U	98	190	770	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	37	U	37	190	770	ug/Kg
86-30-6	N-Nitrosodiphenylamine	98	U	98	99.4	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	99.4	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	99.4	400	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	99.4	400	ug/Kg
1912-24-9	Atrazine	91	U	91	190	770	ug/Kg
87-86-5	Pentachlorophenol	200	U	200	190	770	ug/Kg
85-01-8	Phenanthrene	220	J	100	99.4	400	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	99.4	400	ug/Kg
120-12-7	Anthracene	100	U	100	99.4	400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	77	U	77	99.4	400	ug/Kg
86-74-8	Carbazole	110	U	110	190	770	ug/Kg
84-74-2	Di-n-butylphthalate	98	U	98	99.4	400	ug/Kg
206-44-0	Fluoranthene	550		100	190	400	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET3	SDG No.:	BM101424
Lab Sample ID:	P4239-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048036.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	370	J	100	99.4	400	ug/Kg
85-68-7	Butylbenzylphthalate	75	U	75	99.4	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	190	770	ug/Kg
56-55-3	Benzo(a)anthracene	230	J	91	99.4	400	ug/Kg
218-01-9	Chrysene	300	J	110	99.4	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	100	99.4	400	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	190	770	ug/Kg
205-99-2	Benzo(b)fluoranthene	400		98	99.4	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	110	99.4	400	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	98	99.4	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	87	99.4	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87	U	87	99.4	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82	U	82	99.4	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87	U	87	99.4	400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.159	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	0.771	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	6.262		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.188		10-150		15	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.239		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	4.992		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	8.761		10-135		22	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.735		10-120		24	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.281		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.513		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.706		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	8.775		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.998		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	9.396		20-140		23	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET3	SDG No.:	BM101424
Lab Sample ID:	P4239-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.4
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
BM048036.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.325		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	8.535		10-150		21	SPK: -40
1718-52-1	Pyrene-d10	8.916		10-130		22	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.799		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	359130	7.781				
1146-65-2	Naphthalene-d8	1423635	10.575				
15067-26-2	Acenaphthene-d10	869587	14.421				
1517-22-2	Phenanthrene-d10	1807032	17.162				
1719-03-5	Chrysene-d12	1783281	21.386				
1520-96-3	Perylene-d12	2078147	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-83-8	Cyclohexene	11000	J			3.046	
000930-68-7	2-Cyclohexen-1-one	890	J			6.416	
001561-86-0	2-Chlorocyclohexanol	540	J			8.098	
000057-10-3	n-Hexadecanoic acid	180	J			18.051	
	unknown-01	180	J			18.756	
E966796	Total Alkanes	110	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F08	SDG No.:	BM101424
Lab Sample ID:	P4239-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048037.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

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	100	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	43	U	43	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.7	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	46	U	46	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.7	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.7	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.7	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.7	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.7	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F08	SDG No.:	BM101424
Lab Sample ID:	P4239-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BM048037.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	51.7	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.7	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.7	210	ug/Kg
86-73-7	Fluorene	55	U	55	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.7	210	ug/Kg
1912-24-9	Atrazine	47	U	47	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	95	J	54	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.7	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.7	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.7	210	ug/Kg
206-44-0	Fluoranthene	150	J	54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F08	SDG No.:	BM101424
Lab Sample ID:	P4239-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048037.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	J	54	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	64	J	47	51.7	210	ug/Kg
218-01-9	Chrysene	68	J	55	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	76	J	51	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.605		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	8.393		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.386		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.358		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	7.161		10-140		18	SPK: -40
4165-60-0	Nitrobenzene-d5	10.162		10-135		25	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.667		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.01		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.269		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.12		10-145		25	SPK: -40
93951-97-4	Acenaphthylene-d8	10.162		15-120		25	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.863		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	10.633		20-140		27	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F08	SDG No.:	BM101424
Lab Sample ID:	P4239-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BM048037.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.986		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	9.839		10-150		25	SPK: -40
1718-52-1	Pyrene-d10	10.396		10-130		26	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.941		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	366119	7.787				
1146-65-2	Naphthalene-d8	1451980	10.575				
15067-26-2	Acenaphthene-d10	885996	14.421				
1517-22-2	Phenanthrene-d10	1807271	17.162				
1719-03-5	Chrysene-d12	1727772	21.386				
1520-96-3	Perylene-d12	2023602	24.385				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	97	J			15.774	
000057-10-3	n-Hexadecanoic acid	130	J			18.057	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG7	SDG No.:	BM101424
Lab Sample ID:	P4239-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048038.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	10.1	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	130	500	ug/Kg
110-86-1	Pyridine	66	U	66	250	500	ug/Kg
108-95-2	Phenol	54	U	54	130	500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	130	500	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	65	260	ug/Kg
95-48-7	2-Methylphenol	46	U	46	130	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41	U	41	130	500	ug/Kg
98-86-2	Acetophenone	58	U	58	130	500	ug/Kg
106-44-5	4-Methylphenol	49	U	49	130	500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	65	260	ug/Kg
67-72-1	Hexachloroethane	35	U	35	65	260	ug/Kg
98-95-3	Nitrobenzene	55	U	55	65	260	ug/Kg
78-59-1	Isophorone	52	U	52	65	260	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	65	260	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	65	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	65	260	ug/Kg
120-83-2	2,4-Dichlorophenol	60	U	60	65	260	ug/Kg
91-20-3	Naphthalene	52	U	52	65	260	ug/Kg
106-47-8	4-Chloroaniline	66	U	66	65	500	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	65	260	ug/Kg
105-60-2	Caprolactam	180	U	180	130	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	65	260	ug/Kg
90-12-0	1-Methylnaphthalene	63	U	63	65	260	ug/Kg
91-57-6	2-Methylnaphthalene	57	U	57	65	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	130	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	65	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	65	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG7	SDG No.:	BM101424
Lab Sample ID:	P4239-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
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
BM048038.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	73	U	73	65	260	ug/Kg
91-58-7	2-Chloronaphthalene	69	U	69	65	260	ug/Kg
88-74-4	2-Nitroaniline	34	U	34	65	260	ug/Kg
131-11-3	Dimethylphthalate	64	U	64	65	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	65	260	ug/Kg
208-96-8	Acenaphthylene	66	U	66	65	260	ug/Kg
99-09-2	3-Nitroaniline	31	U	31	130	500	ug/Kg
83-32-9	Acenaphthene	63	U	63	65	260	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	130	500	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	130	500	ug/Kg
132-64-9	Dibenzofuran	70	U	70	65	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	65	260	ug/Kg
84-66-2	Diethylphthalate	92	U	92	65	260	ug/Kg
86-73-7	Fluorene	69	U	69	65	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	72	U	72	65	260	ug/Kg
100-01-6	4-Nitroaniline	64	U	64	130	500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	130	500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	65	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	78	U	78	65	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	69	U	69	65	260	ug/Kg
118-74-1	Hexachlorobenzene	76	U	76	65	260	ug/Kg
1912-24-9	Atrazine	60	U	60	130	500	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	130	500	ug/Kg
85-01-8	Phenanthrene	67	U	67	65	260	ug/Kg
608-93-5	Pentachlorobenzene	78	U	78	65	260	ug/Kg
120-12-7	Anthracene	66	U	66	65	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	65	260	ug/Kg
86-74-8	Carbazole	69	U	69	130	500	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	65	260	ug/Kg
206-44-0	Fluoranthene	67	U	67	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG7	SDG No.:	BM101424
Lab Sample ID:	P4239-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
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
BM048038.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	67	U	67	65	260	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	65	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	35	U	35	130	500	ug/Kg
56-55-3	Benzo(a)anthracene	60	U	60	65	260	ug/Kg
218-01-9	Chrysene	69	U	69	65	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67	U	67	65	260	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	130	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	64	U	64	65	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	65	260	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	65	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	U	57	65	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	65	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	65	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	65	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.128		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	14.732		20-120		37	SPK: -40
4165-62-2	Phenol-d5	17.714		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.912		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.319		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.046		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.856		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.309		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.998		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.358		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.453		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.937		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.87		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	22.29		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG7	SDG No.:	BM101424
Lab Sample ID:	P4239-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
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
BM048038.D	1	10/3/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.784		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	21.36		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	23.695		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.431		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	388414	7.781				
1146-65-2	Naphthalene-d8	1538900	10.575				
15067-26-2	Acenaphthene-d10	925101	14.422				
1517-22-2	Phenanthrene-d10	1843250	17.163				
1719-03-5	Chrysene-d12	1754306	21.386				
1520-96-3	Perylene-d12	2077699	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	250	J			15.775	
000057-10-3	n-Hexadecanoic acid	190	J			18.057	
	unknown-01	130	J			18.463	
	(DEL) Alkane: Straight-Chain	120	J			21.062	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F13	SDG No.:	BM101424
Lab Sample ID:	P4238-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48
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
BM048039.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	12.7	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	160	630	ug/Kg
110-86-1	Pyridine	82	U	82	320	630	ug/Kg
108-95-2	Phenol	67	U	67	160	630	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	65	U	65	160	630	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	81.5	330	ug/Kg
95-48-7	2-Methylphenol	58	U	58	160	630	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	160	630	ug/Kg
98-86-2	Acetophenone	73	U	73	160	630	ug/Kg
106-44-5	4-Methylphenol	61	U	61	160	630	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	81.5	330	ug/Kg
67-72-1	Hexachloroethane	44	U	44	81.5	330	ug/Kg
98-95-3	Nitrobenzene	69	U	69	81.5	330	ug/Kg
78-59-1	Isophorone	65	U	65	81.5	330	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	81.5	330	ug/Kg
105-67-9	2,4-Dimethylphenol	54	U	54	81.5	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	73	U	73	81.5	330	ug/Kg
120-83-2	2,4-Dichlorophenol	75	U	75	81.5	330	ug/Kg
91-20-3	Naphthalene	65	U	65	81.5	330	ug/Kg
106-47-8	4-Chloroaniline	82	U	82	81.5	630	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	81.5	330	ug/Kg
105-60-2	Caprolactam	230	U	230	160	630	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	81.5	330	ug/Kg
90-12-0	1-Methylnaphthalene	79	U	79	81.5	330	ug/Kg
91-57-6	2-Methylnaphthalene	71	U	71	81.5	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	160	630	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82	U	82	81.5	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81	U	81	81.5	330	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F13	SDG No.:	BM101424
Lab Sample ID:	P4238-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48
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
BM048039.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	92	U	92	81.5	330	ug/Kg
91-58-7	2-Chloronaphthalene	86	U	86	81.5	330	ug/Kg
88-74-4	2-Nitroaniline	42	U	42	81.5	330	ug/Kg
131-11-3	Dimethylphthalate	81	U	81	81.5	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	40	U	40	81.5	330	ug/Kg
208-96-8	Acenaphthylene	82	U	82	81.5	330	ug/Kg
99-09-2	3-Nitroaniline	38	U	38	160	630	ug/Kg
83-32-9	Acenaphthene	79	U	79	81.5	330	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	160	630	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	160	630	ug/Kg
132-64-9	Dibenzofuran	88	U	88	81.5	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	81.5	330	ug/Kg
84-66-2	Diethylphthalate	120	U	120	81.5	330	ug/Kg
86-73-7	Fluorene	86	U	86	81.5	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90	U	90	81.5	330	ug/Kg
100-01-6	4-Nitroaniline	81	U	81	160	630	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	160	630	ug/Kg
86-30-6	N-Nitrosodiphenylamine	81	U	81	81.5	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98	U	98	81.5	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86	U	86	81.5	330	ug/Kg
118-74-1	Hexachlorobenzene	96	U	96	81.5	330	ug/Kg
1912-24-9	Atrazine	75	U	75	160	630	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	160	630	ug/Kg
85-01-8	Phenanthrene	470		84	81.5	330	ug/Kg
608-93-5	Pentachlorobenzene	98	U	98	81.5	330	ug/Kg
120-12-7	Anthracene	110	J	82	81.5	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	81.5	330	ug/Kg
86-74-8	Carbazole	86	U	86	160	630	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	81.5	330	ug/Kg
206-44-0	Fluoranthene	530		84	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F13	SDG No.:	BM101424
Lab Sample ID:	P4238-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048039.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	430		84	81.5	330	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	61	81.5	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	44	U	44	160	630	ug/Kg
56-55-3	Benzo(a)anthracene	250	J	75	81.5	330	ug/Kg
218-01-9	Chrysene	260	J	86	81.5	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	92	J	84	81.5	330	ug/Kg
117-84-0	Di-n-octyl phthalate	65	U	65	160	630	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	J	81	81.5	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	97	J	86	81.5	330	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	81	81.5	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83	J	71	81.5	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	71	U	71	81.5	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	U	67	81.5	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	71	U	71	81.5	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.739		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	0.639	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.43		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.042		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.271		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	8.964		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	11.128		10-135		28	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.677		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.224		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.3		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.033		10-145		28	SPK: -40
93951-97-4	Acenaphthylene-d8	11.235		15-120		28	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.994		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	11.546		20-140		29	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F13	SDG No.:	BM101424
Lab Sample ID:	P4238-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48
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
BM048039.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.442		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	11.19		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	11.068		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.824		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	289992	7.781				
1146-65-2	Naphthalene-d8	1142545	10.575				
15067-26-2	Acenaphthene-d10	695564	14.422				
1517-22-2	Phenanthrene-d10	1430987	17.163				
1719-03-5	Chrysene-d12	1467374	21.386				
1520-96-3	Perylene-d12	1738962	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.774	
000057-10-3	n-Hexadecanoic acid	210	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.227	
E966796	Total Alkanes	92	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F18	SDG No.:	BM101424
Lab Sample ID:	P4238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.3
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
BM048040.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	11.8	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	150	590	ug/Kg
110-86-1	Pyridine	77	U	77	300	590	ug/Kg
108-95-2	Phenol	63	U	63	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	61	U	61	150	590	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	76.3	310	ug/Kg
95-48-7	2-Methylphenol	54	U	54	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	150	590	ug/Kg
98-86-2	Acetophenone	68	U	68	150	590	ug/Kg
106-44-5	4-Methylphenol	57	U	57	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	52	U	52	76.3	310	ug/Kg
67-72-1	Hexachloroethane	41	U	41	76.3	310	ug/Kg
98-95-3	Nitrobenzene	65	U	65	76.3	310	ug/Kg
78-59-1	Isophorone	61	U	61	76.3	310	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	76.3	310	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	76.3	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	76.3	310	ug/Kg
120-83-2	2,4-Dichlorophenol	70	U	70	76.3	310	ug/Kg
91-20-3	Naphthalene	61	U	61	76.3	310	ug/Kg
106-47-8	4-Chloroaniline	77	U	77	76.3	590	ug/Kg
87-68-3	Hexachlorobutadiene	61	U	61	76.3	310	ug/Kg
105-60-2	Caprolactam	220	U	220	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	76.3	310	ug/Kg
90-12-0	1-Methylnaphthalene	74	U	74	76.3	310	ug/Kg
91-57-6	2-Methylnaphthalene	66	U	66	76.3	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	76.3	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75	U	75	76.3	310	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F18	SDG No.:	BM101424
Lab Sample ID:	P4238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.3
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
BM048040.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	86	U	86	76.3	310	ug/Kg
91-58-7	2-Chloronaphthalene	81	U	81	76.3	310	ug/Kg
88-74-4	2-Nitroaniline	39	U	39	76.3	310	ug/Kg
131-11-3	Dimethylphthalate	75	U	75	76.3	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	38	U	38	76.3	310	ug/Kg
208-96-8	Acenaphthylene	77	U	77	76.3	310	ug/Kg
99-09-2	3-Nitroaniline	36	U	36	150	590	ug/Kg
83-32-9	Acenaphthene	74	U	74	76.3	310	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	150	590	ug/Kg
100-02-7	4-Nitrophenol	74	U	74	150	590	ug/Kg
132-64-9	Dibenzofuran	83	U	83	76.3	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	76.3	310	ug/Kg
84-66-2	Diethylphthalate	110	U	110	76.3	310	ug/Kg
86-73-7	Fluorene	81	U	81	76.3	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	84	U	84	76.3	310	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	75	U	75	76.3	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92	U	92	76.3	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81	U	81	76.3	310	ug/Kg
118-74-1	Hexachlorobenzene	90	U	90	76.3	310	ug/Kg
1912-24-9	Atrazine	70	U	70	150	590	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	150	590	ug/Kg
85-01-8	Phenanthrene	120	J	79	76.3	310	ug/Kg
608-93-5	Pentachlorobenzene	92	U	92	76.3	310	ug/Kg
120-12-7	Anthracene	77	U	77	76.3	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	76.3	310	ug/Kg
86-74-8	Carbazole	81	U	81	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	76.3	310	ug/Kg
206-44-0	Fluoranthene	240	J	79	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F18	SDG No.:	BM101424
Lab Sample ID:	P4238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048040.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	79	76.3	310	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	57	76.3	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	70	76.3	310	ug/Kg
218-01-9	Chrysene	140	J	81	76.3	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	J	79	76.3	310	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	75	76.3	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	U	81	76.3	310	ug/Kg
50-32-8	Benzo(a)pyrene	75	U	75	76.3	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	66	U	66	76.3	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	U	66	76.3	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	U	63	76.3	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	76.3	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.012		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.868		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.174		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.889		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	9.996		10-140		25	SPK: -40
4165-60-0	Nitrobenzene-d5	12.434		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.006		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.716		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.991		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.762		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	12.941		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.553		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	13.526		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F18	SDG No.:	BM101424
Lab Sample ID:	P4238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.3
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
BM048040.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.127		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	12.969		10-150		32	SPK: -40
1718-52-1	Pyrene-d10	12.835		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.789		10-140		24	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	237801	7.781				
1146-65-2	Naphthalene-d8	942758	10.575				
15067-26-2	Acenaphthene-d10	583761	14.421				
1517-22-2	Phenanthrene-d10	1233714	17.162				
1719-03-5	Chrysene-d12	1273501	21.386				
1520-96-3	Perylene-d12	1485565	24.386				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.774	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	200	J			17.762	
000057-10-3	n-Hexadecanoic acid	230	J			18.057	
035693-99-3	1,1-Biphenyl, 2,2,5,5-tetrachlo	200	J			18.227	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	150	J			18.515	
	(DEL) Alkane: Straight-Chain21.062	170	J			21.062	
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY6	SDG No.:	BM101424
Lab Sample ID:	P4238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048041.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	10.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	130	530	ug/Kg
110-86-1	Pyridine	70	U	70	270	530	ug/Kg
108-95-2	Phenol	57	U	57	130	530	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	55	U	55	130	530	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	68.8	280	ug/Kg
95-48-7	2-Methylphenol	49	U	49	130	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	130	530	ug/Kg
98-86-2	Acetophenone	61	U	61	130	530	ug/Kg
106-44-5	4-Methylphenol	52	U	52	130	530	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	47	U	47	68.8	280	ug/Kg
67-72-1	Hexachloroethane	37	U	37	68.8	280	ug/Kg
98-95-3	Nitrobenzene	58	U	58	68.8	280	ug/Kg
78-59-1	Isophorone	55	U	55	68.8	280	ug/Kg
88-75-5	2-Nitrophenol	52	U	52	68.8	280	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	68.8	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	68.8	280	ug/Kg
120-83-2	2,4-Dichlorophenol	63	U	63	68.8	280	ug/Kg
91-20-3	Naphthalene	55	U	55	68.8	280	ug/Kg
106-47-8	4-Chloroaniline	70	U	70	68.8	530	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	68.8	280	ug/Kg
105-60-2	Caprolactam	190	U	190	130	530	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	68.8	280	ug/Kg
90-12-0	1-Methylnaphthalene	66	U	66	68.8	280	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	60	68.8	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	130	530	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	68.8	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	68	U	68	68.8	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY6	SDG No.:	BM101424
Lab Sample ID:	P4238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
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
BM048041.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	78	U	78	68.8	280	ug/Kg
91-58-7	2-Chloronaphthalene	73	U	73	68.8	280	ug/Kg
88-74-4	2-Nitroaniline	36	U	36	68.8	280	ug/Kg
131-11-3	Dimethylphthalate	68	U	68	68.8	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	68.8	280	ug/Kg
208-96-8	Acenaphthylene	70	U	70	68.8	280	ug/Kg
99-09-2	3-Nitroaniline	32	U	32	130	530	ug/Kg
83-32-9	Acenaphthene	66	U	66	68.8	280	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	130	530	ug/Kg
100-02-7	4-Nitrophenol	66	U	66	130	530	ug/Kg
132-64-9	Dibenzofuran	74	U	74	68.8	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	68.8	280	ug/Kg
84-66-2	Diethylphthalate	97	U	97	68.8	280	ug/Kg
86-73-7	Fluorene	73	U	73	68.8	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	76	U	76	68.8	280	ug/Kg
100-01-6	4-Nitroaniline	68	U	68	130	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	26	U	26	130	530	ug/Kg
86-30-6	N-Nitrosodiphenylamine	68	U	68	68.8	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	83	U	83	68.8	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	73	U	73	68.8	280	ug/Kg
118-74-1	Hexachlorobenzene	81	U	81	68.8	280	ug/Kg
1912-24-9	Atrazine	63	U	63	130	530	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	530	ug/Kg
85-01-8	Phenanthrene	71	U	71	68.8	280	ug/Kg
608-93-5	Pentachlorobenzene	83	U	83	68.8	280	ug/Kg
120-12-7	Anthracene	70	U	70	68.8	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	68.8	280	ug/Kg
86-74-8	Carbazole	73	U	73	130	530	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	68.8	280	ug/Kg
206-44-0	Fluoranthene	71	J	71	130	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY6	SDG No.:	BM101424
Lab Sample ID:	P4238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048041.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	71	U	71	68.8	280	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	68.8	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37	U	37	130	530	ug/Kg
56-55-3	Benzo(a)anthracene	63	U	63	68.8	280	ug/Kg
218-01-9	Chrysene	73	U	73	68.8	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71	U	71	68.8	280	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	130	530	ug/Kg
205-99-2	Benzo(b)fluoranthene	68	U	68	68.8	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	73	U	73	68.8	280	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	68.8	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60	U	60	68.8	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	68.8	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	68.8	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	68.8	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.845		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	7.922		20-120		20	SPK: -40
4165-62-2	Phenol-d5	10.314		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.485		10-150		21	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.291		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.249		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	12.227		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.347		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.809		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.666		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.306		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.204		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.275		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	13.938		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY6	SDG No.:	BM101424
Lab Sample ID:	P4238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
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
BM048041.D	1	10/2/2024 12:00:00 AM	10/14/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.085		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	13.714		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	14.766		10-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.692		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	293756	7.781				
1146-65-2	Naphthalene-d8	1164061	10.575				
15067-26-2	Acenaphthene-d10	717702	14.421				
1517-22-2	Phenanthrene-d10	1452740	17.162				
1719-03-5	Chrysene-d12	1430815	21.386				
1520-96-3	Perylene-d12	1677911	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.774	
000057-10-3	n-Hexadecanoic acid	180	J			18.051	
	(DEL) Alkane: Straight-Chain	21.062	J			21.062	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F02	SDG No.:	BM101424
Lab Sample ID:	P4238-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
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
BM048042.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	11.5	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	140	570	ug/Kg
110-86-1	Pyridine	75	U	75	290	570	ug/Kg
108-95-2	Phenol	61	U	61	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	59	U	59	140	570	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	73.8	300	ug/Kg
95-48-7	2-Methylphenol	52	U	52	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	140	570	ug/Kg
98-86-2	Acetophenone	66	U	66	140	570	ug/Kg
106-44-5	4-Methylphenol	56	U	56	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	50	U	50	73.8	300	ug/Kg
67-72-1	Hexachloroethane	40	U	40	73.8	300	ug/Kg
98-95-3	Nitrobenzene	63	U	63	73.8	300	ug/Kg
78-59-1	Isophorone	59	U	59	73.8	300	ug/Kg
88-75-5	2-Nitrophenol	56	U	56	73.8	300	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	73.8	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	73.8	300	ug/Kg
120-83-2	2,4-Dichlorophenol	68	U	68	73.8	300	ug/Kg
91-20-3	Naphthalene	59	U	59	73.8	300	ug/Kg
106-47-8	4-Chloroaniline	75	U	75	73.8	570	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	73.8	300	ug/Kg
105-60-2	Caprolactam	210	U	210	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	73.8	300	ug/Kg
90-12-0	1-Methylnaphthalene	71	U	71	73.8	300	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	64	73.8	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75	U	75	73.8	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73	U	73	73.8	300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F02	SDG No.:	BM101424
Lab Sample ID:	P4238-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
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
BM048042.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	83	U	83	73.8	300	ug/Kg
91-58-7	2-Chloronaphthalene	78	U	78	73.8	300	ug/Kg
88-74-4	2-Nitroaniline	38	U	38	73.8	300	ug/Kg
131-11-3	Dimethylphthalate	73	U	73	73.8	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	36	U	36	73.8	300	ug/Kg
208-96-8	Acenaphthylene	75	U	75	73.8	300	ug/Kg
99-09-2	3-Nitroaniline	35	U	35	140	570	ug/Kg
83-32-9	Acenaphthene	71	U	71	73.8	300	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	140	570	ug/Kg
100-02-7	4-Nitrophenol	71	U	71	140	570	ug/Kg
132-64-9	Dibenzofuran	80	U	80	73.8	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	73.8	300	ug/Kg
84-66-2	Diethylphthalate	100	U	100	73.8	300	ug/Kg
86-73-7	Fluorene	78	U	78	73.8	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	82	U	82	73.8	300	ug/Kg
100-01-6	4-Nitroaniline	73	U	73	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	28	U	28	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	73	U	73	73.8	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89	U	89	73.8	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78	U	78	73.8	300	ug/Kg
118-74-1	Hexachlorobenzene	87	U	87	73.8	300	ug/Kg
1912-24-9	Atrazine	68	U	68	140	570	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	140	570	ug/Kg
85-01-8	Phenanthrene	190	J	76	73.8	300	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	73.8	300	ug/Kg
120-12-7	Anthracene	75	U	75	73.8	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	73.8	300	ug/Kg
86-74-8	Carbazole	78	U	78	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	73.8	300	ug/Kg
206-44-0	Fluoranthene	330		76	140	300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F02	SDG No.:	BM101424
Lab Sample ID:	P4238-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
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
BM048042.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	220	J	76	73.8	300	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	56	73.8	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40	U	40	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	68	73.8	300	ug/Kg
218-01-9	Chrysene	170	J	78	73.8	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	390		76	73.8	300	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	J	73	73.8	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	78	73.8	300	ug/Kg
50-32-8	Benzo(a)pyrene	79	J	73	73.8	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	U	64	73.8	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	73.8	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	U	61	73.8	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	73.8	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.108	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	5.863		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.6		10-150		11	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.815		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	4.51		10-140		11	SPK: -40
4165-60-0	Nitrobenzene-d5	6.507		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.325		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.836		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.879		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.431		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.225		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.161		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	7.956		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F02	SDG No.:	BM101424
Lab Sample ID:	P4238-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.4
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
BM048042.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.639	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	8.185		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	7.666		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.757		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238320	7.781				
1146-65-2	Naphthalene-d8	928319	10.574				
15067-26-2	Acenaphthene-d10	563311	14.421				
1517-22-2	Phenanthrene-d10	1144607	17.156				
1719-03-5	Chrysene-d12	1174974	21.386				
1520-96-3	Perylene-d12	1390780	24.379				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			18.051	
E966796	Total Alkanes	83	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F06	SDG No.:	BM101424
Lab Sample ID:	P4238-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048043.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	10.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	140	550	ug/Kg
110-86-1	Pyridine	71	U	71	270	550	ug/Kg
108-95-2	Phenol	58	U	58	140	550	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	140	550	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	70.4	280	ug/Kg
95-48-7	2-Methylphenol	50	U	50	140	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	140	550	ug/Kg
98-86-2	Acetophenone	63	U	63	140	550	ug/Kg
106-44-5	4-Methylphenol	53	U	53	140	550	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	48	U	48	70.4	280	ug/Kg
67-72-1	Hexachloroethane	38	U	38	70.4	280	ug/Kg
98-95-3	Nitrobenzene	60	U	60	70.4	280	ug/Kg
78-59-1	Isophorone	56	U	56	70.4	280	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	70.4	280	ug/Kg
105-67-9	2,4-Dimethylphenol	46	U	46	70.4	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	63	U	63	70.4	280	ug/Kg
120-83-2	2,4-Dichlorophenol	65	U	65	70.4	280	ug/Kg
91-20-3	Naphthalene	56	U	56	70.4	280	ug/Kg
106-47-8	4-Chloroaniline	71	U	71	70.4	550	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	70.4	280	ug/Kg
105-60-2	Caprolactam	200	U	200	140	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	70.4	280	ug/Kg
90-12-0	1-Methylnaphthalene	68	U	68	70.4	280	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	61	70.4	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	140	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71	U	71	70.4	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	70	U	70	70.4	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F06	SDG No.:	BM101424
Lab Sample ID:	P4238-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.8
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
BM048043.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	79	U	79	70.4	280	ug/Kg
91-58-7	2-Chloronaphthalene	75	U	75	70.4	280	ug/Kg
88-74-4	2-Nitroaniline	36	U	36	70.4	280	ug/Kg
131-11-3	Dimethylphthalate	70	U	70	70.4	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	70.4	280	ug/Kg
208-96-8	Acenaphthylene	71	U	71	70.4	280	ug/Kg
99-09-2	3-Nitroaniline	33	U	33	140	550	ug/Kg
83-32-9	Acenaphthene	68	U	68	70.4	280	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	140	550	ug/Kg
100-02-7	4-Nitrophenol	68	U	68	140	550	ug/Kg
132-64-9	Dibenzofuran	76	U	76	70.4	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	70.4	280	ug/Kg
84-66-2	Diethylphthalate	99	U	99	70.4	280	ug/Kg
86-73-7	Fluorene	75	U	75	70.4	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	78	U	78	70.4	280	ug/Kg
100-01-6	4-Nitroaniline	70	U	70	140	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	26	U	26	140	550	ug/Kg
86-30-6	N-Nitrosodiphenylamine	70	U	70	70.4	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	84	U	84	70.4	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	75	U	75	70.4	280	ug/Kg
118-74-1	Hexachlorobenzene	83	U	83	70.4	280	ug/Kg
1912-24-9	Atrazine	65	U	65	140	550	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	140	550	ug/Kg
85-01-8	Phenanthrene	160	J	73	70.4	280	ug/Kg
608-93-5	Pentachlorobenzene	84	U	84	70.4	280	ug/Kg
120-12-7	Anthracene	71	U	71	70.4	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	70.4	280	ug/Kg
86-74-8	Carbazole	75	U	75	140	550	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	70.4	280	ug/Kg
206-44-0	Fluoranthene	290		73	140	280	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F06	SDG No.:	BM101424
Lab Sample ID:	P4238-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.8
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
BM048043.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200	J	73	70.4	280	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	70.4	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	38	U	38	140	550	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	65	70.4	280	ug/Kg
218-01-9	Chrysene	140	J	75	70.4	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	73	70.4	280	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	140	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	70	70.4	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	75	U	75	70.4	280	ug/Kg
50-32-8	Benzo(a)pyrene	74	J	70	70.4	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61	U	61	70.4	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	70.4	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	70.4	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	70.4	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.659		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	1.195	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	9.609		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.837		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.303		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	8.284		10-140		21	SPK: -40
4165-60-0	Nitrobenzene-d5	10.906		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.719		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.326		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.91		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.967		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	11.806		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.118		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	12.722		20-140		32	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F06	SDG No.:	BM101424
Lab Sample ID:	P4238-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	39.8
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
BM048043.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.627		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	12.403		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	12.344		10-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.134		10-140		23	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	255485	7.781				
1146-65-2	Naphthalene-d8	1004985	10.575				
15067-26-2	Acenaphthene-d10	608425	14.421				
1517-22-2	Phenanthrene-d10	1232464	17.156				
1719-03-5	Chrysene-d12	1186874	21.386				
1520-96-3	Perylene-d12	1400963	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			4.904	
000119-61-9	Benzophenone	120	J			15.774	
000057-10-3	n-Hexadecanoic acid	190	J			18.051	
	(DEL) Alkane: Straight-Chain	21.062	J			21.062	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F07	SDG No.:	BM101424
Lab Sample ID:	P4238-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048044.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	13.2	130	ug/Kg
100-52-7	Benzaldehyde	150	U	150	160	660	ug/Kg
110-86-1	Pyridine	86	U	86	330	660	ug/Kg
108-95-2	Phenol	70	U	70	160	660	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	68	U	68	160	660	ug/Kg
95-57-8	2-Chlorophenol	56	U	56	84.9	340	ug/Kg
95-48-7	2-Methylphenol	60	U	60	160	660	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54	U	54	160	660	ug/Kg
98-86-2	Acetophenone	76	U	76	160	660	ug/Kg
106-44-5	4-Methylphenol	64	U	64	160	660	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	84.9	340	ug/Kg
67-72-1	Hexachloroethane	46	U	46	84.9	340	ug/Kg
98-95-3	Nitrobenzene	72	U	72	84.9	340	ug/Kg
78-59-1	Isophorone	68	U	68	84.9	340	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	84.9	340	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	56	84.9	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	76	U	76	84.9	340	ug/Kg
120-83-2	2,4-Dichlorophenol	78	U	78	84.9	340	ug/Kg
91-20-3	Naphthalene	68	U	68	84.9	340	ug/Kg
106-47-8	4-Chloroaniline	86	U	86	84.9	660	ug/Kg
87-68-3	Hexachlorobutadiene	68	U	68	84.9	340	ug/Kg
105-60-2	Caprolactam	240	U	240	160	660	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	84.9	340	ug/Kg
90-12-0	1-Methylnaphthalene	82	U	82	84.9	340	ug/Kg
91-57-6	2-Methylnaphthalene	74	U	74	84.9	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	160	660	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86	U	86	84.9	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84	U	84	84.9	340	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F07	SDG No.:	BM101424
Lab Sample ID:	P4238-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.1
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
BM048044.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	96	U	96	84.9	340	ug/Kg
91-58-7	2-Chloronaphthalene	90	U	90	84.9	340	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	84.9	340	ug/Kg
131-11-3	Dimethylphthalate	84	U	84	84.9	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	42	U	42	84.9	340	ug/Kg
208-96-8	Acenaphthylene	86	U	86	84.9	340	ug/Kg
99-09-2	3-Nitroaniline	40	U	40	160	660	ug/Kg
83-32-9	Acenaphthene	82	U	82	84.9	340	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	160	660	ug/Kg
100-02-7	4-Nitrophenol	82	U	82	160	660	ug/Kg
132-64-9	Dibenzofuran	92	U	92	84.9	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	84.9	340	ug/Kg
84-66-2	Diethylphthalate	120	U	120	84.9	340	ug/Kg
86-73-7	Fluorene	90	U	90	84.9	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94	U	94	84.9	340	ug/Kg
100-01-6	4-Nitroaniline	84	U	84	160	660	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	32	U	32	160	660	ug/Kg
86-30-6	N-Nitrosodiphenylamine	84	U	84	84.9	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	84.9	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90	U	90	84.9	340	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	84.9	340	ug/Kg
1912-24-9	Atrazine	78	U	78	160	660	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	160	660	ug/Kg
85-01-8	Phenanthrene	310	J	88	84.9	340	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	84.9	340	ug/Kg
120-12-7	Anthracene	86	U	86	84.9	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	84.9	340	ug/Kg
86-74-8	Carbazole	90	U	90	160	660	ug/Kg
84-74-2	Di-n-butylphthalate	84	U	84	84.9	340	ug/Kg
206-44-0	Fluoranthene	770		88	160	340	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F07	SDG No.:	BM101424
Lab Sample ID:	P4238-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048044.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	490		88	84.9	340	ug/Kg
85-68-7	Butylbenzylphthalate	64	U	64	84.9	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	46	U	46	160	660	ug/Kg
56-55-3	Benzo(a)anthracene	320	J	78	84.9	340	ug/Kg
218-01-9	Chrysene	410		90	84.9	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240	J	88	84.9	340	ug/Kg
117-84-0	Di-n-octyl phthalate	68	U	68	160	660	ug/Kg
205-99-2	Benzo(b)fluoranthene	550		84	84.9	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	90	84.9	340	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	84	84.9	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	74	84.9	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	74	U	74	84.9	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	70	U	70	84.9	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74	U	74	84.9	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.195		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.532	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	5.006		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.493		10-150		11	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.129		15-120		15	SPK: -40
190780-66-6	4-Methylphenol-d8	3.157	*	10-140		8	SPK: -40
4165-60-0	Nitrobenzene-d5	6.305		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.186		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.181		10-140		15	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.399		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.15		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	7.034		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.253		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	7.51	*	20-140		19	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F07	SDG No.:	BM101424
Lab Sample ID:	P4238-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.1
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
BM048044.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.659	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	7.568		10-150		19	SPK: -40
1718-52-1	Pyrene-d10	7.218		10-130		18	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.352		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	284611	7.781				
1146-65-2	Naphthalene-d8	1085781	10.575				
15067-26-2	Acenaphthene-d10	637831	14.421				
1517-22-2	Phenanthrene-d10	1261418	17.157				
1719-03-5	Chrysene-d12	1253064	21.386				
1520-96-3	Perylene-d12	1499262	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	210	J			18.051	
1000406-04-8	Pentadecafluorooctanoic acid, octa	170	J			21.062	
	(DEL) Alkane: Straight-Chain22.139	230	J			22.139	
E966796	Total Alkanes	230				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ8	SDG No.:	BM101424
Lab Sample ID:	P4238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048045.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	9.3	94	ug/Kg
100-52-7	Benzaldehyde	110	U	110	120	470	ug/Kg
110-86-1	Pyridine	61	U	61	230	470	ug/Kg
108-95-2	Phenol	49	U	49	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	48	U	48	120	470	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	59.9	240	ug/Kg
95-48-7	2-Methylphenol	42	U	42	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	120	470	ug/Kg
98-86-2	Acetophenone	54	U	54	120	470	ug/Kg
106-44-5	4-Methylphenol	45	U	45	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	59.9	240	ug/Kg
67-72-1	Hexachloroethane	32	U	32	59.9	240	ug/Kg
98-95-3	Nitrobenzene	51	U	51	59.9	240	ug/Kg
78-59-1	Isophorone	48	U	48	59.9	240	ug/Kg
88-75-5	2-Nitrophenol	45	U	45	59.9	240	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	59.9	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	59.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	55	U	55	59.9	240	ug/Kg
91-20-3	Naphthalene	48	U	48	59.9	240	ug/Kg
106-47-8	4-Chloroaniline	61	U	61	59.9	470	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	59.9	240	ug/Kg
105-60-2	Caprolactam	170	U	170	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39	U	39	59.9	240	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	59.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	59.9	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	59.9	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	59.9	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ8	SDG No.:	BM101424
Lab Sample ID:	P4238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048045.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	68	U	68	59.9	240	ug/Kg
91-58-7	2-Chloronaphthalene	63	U	63	59.9	240	ug/Kg
88-74-4	2-Nitroaniline	31	U	31	59.9	240	ug/Kg
131-11-3	Dimethylphthalate	59	U	59	59.9	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	59.9	240	ug/Kg
208-96-8	Acenaphthylene	61	U	61	59.9	240	ug/Kg
99-09-2	3-Nitroaniline	28	U	28	120	470	ug/Kg
83-32-9	Acenaphthene	58	U	58	59.9	240	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	120	470	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	120	470	ug/Kg
132-64-9	Dibenzofuran	65	U	65	59.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	59.9	240	ug/Kg
84-66-2	Diethylphthalate	85	U	85	59.9	240	ug/Kg
86-73-7	Fluorene	63	U	63	59.9	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66	U	66	59.9	240	ug/Kg
100-01-6	4-Nitroaniline	59	U	59	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	23	U	23	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	59.9	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72	U	72	59.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	63	59.9	240	ug/Kg
118-74-1	Hexachlorobenzene	70	U	70	59.9	240	ug/Kg
1912-24-9	Atrazine	55	U	55	120	470	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	120	470	ug/Kg
85-01-8	Phenanthrene	62	U	62	59.9	240	ug/Kg
608-93-5	Pentachlorobenzene	72	U	72	59.9	240	ug/Kg
120-12-7	Anthracene	61	U	61	59.9	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	47	U	47	59.9	240	ug/Kg
86-74-8	Carbazole	63	U	63	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	59	59.9	240	ug/Kg
206-44-0	Fluoranthene	93	J	62	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ8	SDG No.:	BM101424
Lab Sample ID:	P4238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048045.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	86	J	62	59.9	240	ug/Kg
85-68-7	Butylbenzylphthalate	45	U	45	59.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	59.9	240	ug/Kg
218-01-9	Chrysene	63	U	63	59.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	59.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	71	J	59	59.9	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	U	63	59.9	240	ug/Kg
50-32-8	Benzo(a)pyrene	59	U	59	59.9	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	59.9	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	59.9	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	59.9	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	59.9	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.672		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	11.994		20-120		30	SPK: -40
4165-62-2	Phenol-d5	15.519		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.749		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.05		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	16.562		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	18.778		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.977		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.305		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.015		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.547		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	19.943		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.928		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	20.403		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	A4EQ8	SDG No.:	BM101424
Lab Sample ID:	P4238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048045.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.7		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	20.078		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.633		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.04		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	247951	7.781				
1146-65-2	Naphthalene-d8	962965	10.575				
15067-26-2	Acenaphthene-d10	586745	14.415				
1517-22-2	Phenanthrene-d10	1173104	17.162				
1719-03-5	Chrysene-d12	1121300	21.386				
1520-96-3	Perylene-d12	1329386	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	200	J			15.774	
000057-10-3	n-Hexadecanoic acid	210	J			18.056	
	(DEL) Alkane: Cyclic	21.062	J			21.062	
E966796	Total Alkanes	210				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F12	SDG No.:	BM101424
Lab Sample ID:	P4238-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.7
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
BM048046.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	12.8	130	ug/Kg
100-52-7	Benzaldehyde	150	U	150	160	640	ug/Kg
110-86-1	Pyridine	84	U	84	320	640	ug/Kg
108-95-2	Phenol	68	U	68	160	640	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	66	U	66	160	640	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	82.6	330	ug/Kg
95-48-7	2-Methylphenol	58	U	58	160	640	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	160	640	ug/Kg
98-86-2	Acetophenone	79	J	74	160	640	ug/Kg
106-44-5	4-Methylphenol	62	U	62	160	640	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	82.6	330	ug/Kg
67-72-1	Hexachloroethane	45	U	45	82.6	330	ug/Kg
98-95-3	Nitrobenzene	70	U	70	82.6	330	ug/Kg
78-59-1	Isophorone	66	U	66	82.6	330	ug/Kg
88-75-5	2-Nitrophenol	62	U	62	82.6	330	ug/Kg
105-67-9	2,4-Dimethylphenol	54	U	54	82.6	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	82.6	330	ug/Kg
120-83-2	2,4-Dichlorophenol	76	U	76	82.6	330	ug/Kg
91-20-3	Naphthalene	66	U	66	82.6	330	ug/Kg
106-47-8	4-Chloroaniline	84	U	84	82.6	640	ug/Kg
87-68-3	Hexachlorobutadiene	66	U	66	82.6	330	ug/Kg
105-60-2	Caprolactam	230	U	230	160	640	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	82.6	330	ug/Kg
90-12-0	1-Methylnaphthalene	80	U	80	82.6	330	ug/Kg
91-57-6	2-Methylnaphthalene	72	U	72	82.6	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	160	640	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	82.6	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82	U	82	82.6	330	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F12	SDG No.:	BM101424
Lab Sample ID:	P4238-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.7
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
BM048046.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	93	U	93	82.6	330	ug/Kg
91-58-7	2-Chloronaphthalene	87	U	87	82.6	330	ug/Kg
88-74-4	2-Nitroaniline	43	U	43	82.6	330	ug/Kg
131-11-3	Dimethylphthalate	82	U	82	82.6	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	41	U	41	82.6	330	ug/Kg
208-96-8	Acenaphthylene	84	U	84	82.6	330	ug/Kg
99-09-2	3-Nitroaniline	39	U	39	160	640	ug/Kg
83-32-9	Acenaphthene	80	U	80	82.6	330	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	160	640	ug/Kg
100-02-7	4-Nitrophenol	80	U	80	160	640	ug/Kg
132-64-9	Dibenzofuran	89	U	89	82.6	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	52	82.6	330	ug/Kg
84-66-2	Diethylphthalate	120	U	120	82.6	330	ug/Kg
86-73-7	Fluorene	87	U	87	82.6	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	91	U	91	82.6	330	ug/Kg
100-01-6	4-Nitroaniline	82	U	82	160	640	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	31	U	31	160	640	ug/Kg
86-30-6	N-Nitrosodiphenylamine	82	U	82	82.6	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99	U	99	82.6	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87	U	87	82.6	330	ug/Kg
118-74-1	Hexachlorobenzene	97	U	97	82.6	330	ug/Kg
1912-24-9	Atrazine	76	U	76	160	640	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	160	640	ug/Kg
85-01-8	Phenanthrene	290	J	85	82.6	330	ug/Kg
608-93-5	Pentachlorobenzene	99	U	99	82.6	330	ug/Kg
120-12-7	Anthracene	84	U	84	82.6	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	82.6	330	ug/Kg
86-74-8	Carbazole	87	U	87	160	640	ug/Kg
84-74-2	Di-n-butylphthalate	82	U	82	82.6	330	ug/Kg
206-44-0	Fluoranthene	760		85	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F12	SDG No.:	BM101424
Lab Sample ID:	P4238-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048046.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	490		85	82.6	330	ug/Kg
85-68-7	Butylbenzylphthalate	62	U	62	82.6	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	45	U	45	160	640	ug/Kg
56-55-3	Benzo(a)anthracene	310	J	76	82.6	330	ug/Kg
218-01-9	Chrysene	400		87	82.6	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	J	85	82.6	330	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	640	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		82	82.6	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	87	82.6	330	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	82	82.6	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	72	82.6	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	72	U	72	82.6	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68	U	68	82.6	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	72	U	72	82.6	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.206		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.723	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	6.375		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.536		10-150		14	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.797		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	5.647		10-140		14	SPK: -40
4165-60-0	Nitrobenzene-d5	7.618		10-135		19	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.553		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.807		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.69		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.273		10-145		21	SPK: -40
93951-97-4	Acenaphthylene-d8	8.204		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.001		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	8.872		20-140		22	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F12	SDG No.:	BM101424
Lab Sample ID:	P4238-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.7
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
BM048046.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.785	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	8.491		10-150		21	SPK: -40
1718-52-1	Pyrene-d10	8.467		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.108		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	276691	7.781				
1146-65-2	Naphthalene-d8	1096782	10.575				
15067-26-2	Acenaphthene-d10	674992	14.421				
1517-22-2	Phenanthrene-d10	1373380	17.162				
1719-03-5	Chrysene-d12	1293660	21.386				
1520-96-3	Perylene-d12	1513731	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.774	
000057-10-3	n-Hexadecanoic acid	200	J			18.051	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	190	J			21.062	
	(DEL) Alkane: Straight-Chain22.139	220	J			22.139	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	SBLK836	SDG No.:	BM101424
Lab Sample ID:	PB163836BL	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
BM048048.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

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

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	SBLK836	SDG No.:	BM101424
Lab Sample ID:	PB163836BL	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
BM048048.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

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

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	SBLK836	SDG No.:	BM101424
Lab Sample ID:	PB163836BL	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
BM048048.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.258		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	19.413		20-120		49	SPK: -40
4165-62-2	Phenol-d5	21.638		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.223		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.868		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	22.449		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	26.262		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.909		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.268		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.342		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.365		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.481		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.5		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	25.63		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	SBLK836	SDG No.:	BM101424
Lab Sample ID:	PB163836BL	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
BM048048.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.365		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	26.075		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	26.684		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.551		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	260507	7.781				
1146-65-2	Naphthalene-d8	1013524	10.575				
15067-26-2	Acenaphthene-d10	597731	14.422				
1517-22-2	Phenanthrene-d10	1174265	17.157				
1719-03-5	Chrysene-d12	1179982	21.386				
1520-96-3	Perylene-d12	1395576	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F14	SDG No.:	BM101424
Lab Sample ID:	P4238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BM048049.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	7.9	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.1	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.1	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.1	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.1	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	99.1	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.1	400	ug/Kg
106-44-5	4-Methylphenol	38	U	38	99.1	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51	200	ug/Kg
78-59-1	Isophorone	41	U	41	51	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51	200	ug/Kg
91-20-3	Naphthalene	41	U	41	51	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51	200	ug/Kg
105-60-2	Caprolactam	140	U	140	99.1	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.1	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	51	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F14	SDG No.:	BM101424
Lab Sample ID:	P4238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BM048049.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	51	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51	200	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.1	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.1	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.1	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	51	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51	200	ug/Kg
86-73-7	Fluorene	54	U	54	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	51	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	99.1	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.1	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51	200	ug/Kg
1912-24-9	Atrazine	47	U	47	99.1	400	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	99.1	400	ug/Kg
85-01-8	Phenanthrene	120	J	53	51	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51	200	ug/Kg
120-12-7	Anthracene	52	U	52	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51	200	ug/Kg
86-74-8	Carbazole	54	U	54	99.1	400	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	51	200	ug/Kg
206-44-0	Fluoranthene	180	J	53	99.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F14	SDG No.:	BM101424
Lab Sample ID:	P4238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BM048049.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	53	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.1	400	ug/Kg
56-55-3	Benzo(a)anthracene	77	J	47	51	200	ug/Kg
218-01-9	Chrysene	80	J	54	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	72	J	53	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.1	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	95	J	50	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	73	J	50	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	J	42	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	9.521		20-120		24	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.273		15-120		28	SPK: -8
4165-62-2	Phenol-d5	12.987		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.612		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.052		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	13.83		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	15.243		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.807		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.979		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.747		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.339		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.529		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.456		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	17.116		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F14	SDG No.:	BM101424
Lab Sample ID:	P4238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BM048049.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.903		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	17.036		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.075		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.926		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	306249	7.781				
1146-65-2	Naphthalene-d8	1195764	10.575				
15067-26-2	Acenaphthene-d10	726082	14.421				
1517-22-2	Phenanthrene-d10	1446922	17.162				
1719-03-5	Chrysene-d12	1397367	21.386				
1520-96-3	Perylene-d12	1661904	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	240	J			15.774	
000057-10-3	n-Hexadecanoic acid	220	J			18.057	
	(DEL) Alkane: Cyclic	21.062	J			21.062	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F15	SDG No.:	BM101424
Lab Sample ID:	P4238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.3
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
BM048050.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	12.3	120	ug/Kg
100-52-7	Benzaldehyde	140	U	140	150	610	ug/Kg
110-86-1	Pyridine	80	U	80	310	610	ug/Kg
108-95-2	Phenol	65	U	65	150	610	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	63	U	63	150	610	ug/Kg
95-57-8	2-Chlorophenol	52	U	52	79.1	320	ug/Kg
95-48-7	2-Methylphenol	56	U	56	150	610	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	150	610	ug/Kg
98-86-2	Acetophenone	71	J	71	150	610	ug/Kg
106-44-5	4-Methylphenol	60	U	60	150	610	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	79.1	320	ug/Kg
67-72-1	Hexachloroethane	43	U	43	79.1	320	ug/Kg
98-95-3	Nitrobenzene	67	U	67	79.1	320	ug/Kg
78-59-1	Isophorone	63	U	63	79.1	320	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	79.1	320	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	79.1	320	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	71	U	71	79.1	320	ug/Kg
120-83-2	2,4-Dichlorophenol	73	U	73	79.1	320	ug/Kg
91-20-3	Naphthalene	63	U	63	79.1	320	ug/Kg
106-47-8	4-Chloroaniline	80	U	80	79.1	610	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	79.1	320	ug/Kg
105-60-2	Caprolactam	220	U	220	150	610	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	79.1	320	ug/Kg
90-12-0	1-Methylnaphthalene	76	U	76	79.1	320	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	69	79.1	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	150	610	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80	U	80	79.1	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78	U	78	79.1	320	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F15	SDG No.:	BM101424
Lab Sample ID:	P4238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.3
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
BM048050.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	89	U	89	79.1	320	ug/Kg
91-58-7	2-Chloronaphthalene	84	U	84	79.1	320	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	79.1	320	ug/Kg
131-11-3	Dimethylphthalate	78	U	78	79.1	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	39	U	39	79.1	320	ug/Kg
208-96-8	Acenaphthylene	80	U	80	79.1	320	ug/Kg
99-09-2	3-Nitroaniline	37	U	37	150	610	ug/Kg
83-32-9	Acenaphthene	76	U	76	79.1	320	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	150	610	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	150	610	ug/Kg
132-64-9	Dibenzofuran	86	U	86	79.1	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	79.1	320	ug/Kg
84-66-2	Diethylphthalate	110	U	110	79.1	320	ug/Kg
86-73-7	Fluorene	84	U	84	79.1	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	88	U	88	79.1	320	ug/Kg
100-01-6	4-Nitroaniline	78	U	78	150	610	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	150	610	ug/Kg
86-30-6	N-Nitrosodiphenylamine	78	U	78	79.1	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95	U	95	79.1	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84	U	84	79.1	320	ug/Kg
118-74-1	Hexachlorobenzene	93	U	93	79.1	320	ug/Kg
1912-24-9	Atrazine	73	U	73	150	610	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	150	610	ug/Kg
85-01-8	Phenanthrene	400		82	79.1	320	ug/Kg
608-93-5	Pentachlorobenzene	95	U	95	79.1	320	ug/Kg
120-12-7	Anthracene	82	J	80	79.1	320	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	61	U	61	79.1	320	ug/Kg
86-74-8	Carbazole	84	U	84	150	610	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	79.1	320	ug/Kg
206-44-0	Fluoranthene	1200		82	150	320	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F15	SDG No.:	BM101424
Lab Sample ID:	P4238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.3
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
BM048050.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	750		82	79.1	320	ug/Kg
85-68-7	Butylbenzylphthalate	60	U	60	79.1	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43	U	43	150	610	ug/Kg
56-55-3	Benzo(a)anthracene	460		73	79.1	320	ug/Kg
218-01-9	Chrysene	640		84	79.1	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	J	82	79.1	320	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	150	610	ug/Kg
205-99-2	Benzo(b)fluoranthene	900		78	79.1	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	J	84	79.1	320	ug/Kg
50-32-8	Benzo(a)pyrene	310	J	78	79.1	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	J	69	79.1	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	69	79.1	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	U	65	79.1	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	69	U	69	79.1	320	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.082	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	6.138		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.249		10-150		13	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.576		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	5.478		10-140		14	SPK: -40
4165-60-0	Nitrobenzene-d5	7.194		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.187		10-120		20	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.433		10-140		19	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.847		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.374		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	7.303		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.41		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	7.888		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	A4F15	SDG No.:	BM101424
Lab Sample ID:	P4238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	46.3
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
BM048050.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.698	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	7.702		10-150		19	SPK: -40
1718-52-1	Pyrene-d10	7.604		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.39		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	320738	7.781				
1146-65-2	Naphthalene-d8	1294687	10.575				
15067-26-2	Acenaphthene-d10	816222	14.421				
1517-22-2	Phenanthrene-d10	1691434	17.156				
1719-03-5	Chrysene-d12	1576870	21.392				
1520-96-3	Perylene-d12	1853723	24.385				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	140	J			3.757	
000119-61-9	Benzophenone	150	J			15.774	
000057-10-3	n-Hexadecanoic acid	270	J			18.056	
000203-64-5	4H-Cyclopenta[def]phenanthrene	140	J			18.227	
	(DEL) Alkane: Cyclic21.062	290	J			21.062	
	(DEL) Alkane: Straight-Chain22.144	260	J			22.144	
000661-19-8	Behenic alcohol	450	J			23.591	
	(DEL) Alkane: Straight-Chain25.432	520	J			25.432	
E966796	Total Alkanes	1100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY0	SDG No.:	BM101424
Lab Sample ID:	P4238-08	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
BM048051.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

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
100-52-7	Benzaldehyde	96	U	96	110	420	ug/Kg
110-86-1	Pyridine	55	U	55	210	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	53	J	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

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY0	SDG No.:	BM101424
Lab Sample ID:	P4238-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048051.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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	470		57	54.6	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54.6	220	ug/Kg
120-12-7	Anthracene	99	J	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	J	58	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	54.6	220	ug/Kg
206-44-0	Fluoranthene	1200		57	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY0	SDG No.:	BM101424
Lab Sample ID:	P4238-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048051.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	760		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	480		50	54.6	220	ug/Kg
218-01-9	Chrysene	620		58	54.6	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240		57	54.6	220	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	840		54	54.6	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		58	54.6	220	ug/Kg
50-32-8	Benzo(a)pyrene	300		54	54.6	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		48	54.6	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	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	1.116	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	0.583	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	5.952		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.932		10-150		12	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.117		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	6.001		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	6.65		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.684		10-120		19	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.055		10-140		18	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.125		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.179		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	7.096		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.534	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	7.509	*	20-140		19	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY0	SDG No.:	BM101424
Lab Sample ID:	P4238-08	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
BM048051.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.746	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	7.443		10-150		19	SPK: -40
1718-52-1	Pyrene-d10	7.356		10-130		18	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.155		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	272357	7.781				
1146-65-2	Naphthalene-d8	1100198	10.575				
15067-26-2	Acenaphthene-d10	671708	14.422				
1517-22-2	Phenanthrene-d10	1372014	17.163				
1719-03-5	Chrysene-d12	1232215	21.386				
1520-96-3	Perylene-d12	1460851	24.386				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	110	J			15.775	
002416-20-8	Hexadecenoic acid, Z-11-	130	J			17.998	
000057-10-3	n-Hexadecanoic acid	600	J			18.057	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.227	
000084-65-1	9,10-Anthracenedione	92	J			18.574	
000243-17-4	11H-Benzo[b]fluorene	110	J			20.068	
1000406-04-8	Pentadecafluorooctanoic acid, octa	240	J			21.063	
	(DEL) Alkane: Straight-Chain22.145	180	J			22.145	
000593-50-0	1-Triacontanol	460	J			23.586	
007390-81-0	Oxirane, hexadecyl-	420	J			24.868	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY7	SDG No.:	BM101424
Lab Sample ID:	P4238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BM048052.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.3	84	ug/Kg
100-52-7	Benzaldehyde	95	U	95	100	420	ug/Kg
110-86-1	Pyridine	54	U	54	210	420	ug/Kg
108-95-2	Phenol	44	U	44	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.8	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	420	ug/Kg
98-86-2	Acetophenone	60	J	48	100	420	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	53.8	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.8	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	53.8	220	ug/Kg
78-59-1	Isophorone	43	U	43	53.8	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.8	220	ug/Kg
91-20-3	Naphthalene	43	U	43	53.8	220	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.8	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.8	220	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	53.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY7	SDG No.:	BM101424
Lab Sample ID:	P4238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BM048052.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	53.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	53.8	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.8	220	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	53.8	220	ug/Kg
208-96-8	Acenaphthylene	95	J	54	53.8	220	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	57	J	52	53.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	100	420	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.8	220	ug/Kg
84-66-2	Diethylphthalate	76	U	76	53.8	220	ug/Kg
86-73-7	Fluorene	61	J	57	53.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.8	220	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	53.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	53.8	220	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.8	220	ug/Kg
1912-24-9	Atrazine	49	U	49	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	930		56	53.8	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.8	220	ug/Kg
120-12-7	Anthracene	200	J	54	53.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	53.8	220	ug/Kg
86-74-8	Carbazole	120	J	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.8	220	ug/Kg
206-44-0	Fluoranthene	2400		56	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY7	SDG No.:	BM101424
Lab Sample ID:	P4238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048052.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		56	53.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	950		49	53.8	220	ug/Kg
218-01-9	Chrysene	1200		57	53.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520		56	53.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		53	53.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	490		57	53.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	590		53	53.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510		47	53.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	J	47	53.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83	J	44	53.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	53.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.793	*	15-120		10	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	8.779		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.027		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.406		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	8.749		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	10.544		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.483		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.018		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.633		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.871		10-145		27	SPK: -40
93951-97-4	Acenaphthylene-d8	11.053		15-120		28	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.416		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	11.371		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY7	SDG No.:	BM101424
Lab Sample ID:	P4238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048052.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.539		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	11.135		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	11.774		10-130		29	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.789		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	315104	7.781				
1146-65-2	Naphthalene-d8	1255422	10.575				
15067-26-2	Acenaphthene-d10	767460	14.422				
1517-22-2	Phenanthrene-d10	1543580	17.163				
1719-03-5	Chrysene-d12	1226197	21.392				
1520-96-3	Perylene-d12	1475289	24.398				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	94	A			4.899	
000119-61-9	Benzophenone	180	J			15.775	
020071-09-4	Benzene, 1,1-(1,2-cyclobutanediyl	170	J			16.763	
010030-73-6	(E)-Hexadec-9-enoic acid	200	J			17.945	
000373-49-9	Palmitoleic acid	240	J			17.998	
000057-10-3	n-Hexadecanoic acid	1200	J			18.063	
000203-64-5	4H-Cyclopenta[def]phenanthrene	300	J			18.227	
000613-12-7	Anthracene, 2-methyl-	100	J			18.263	
	(DEL) Alkane: Straight-Chain18.351	98	J			18.351	
000612-94-2	Naphthalene, 2-phenyl-	89	J			18.533	
000084-65-1	9,10-Anthracenedione	190	J			18.58	
003674-66-6	Phenanthrene, 2,5-dimethyl-	94	J			18.957	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.092	
000057-11-4	Octadecanoic acid	86	J			19.333	
000243-17-4	11H-Benzo[b]fluorene	200	J			20.069	
000479-79-8	11H-Benzo[a]fluoren-11-one	89	J			20.821	
1000406-04-8	Pentadecafluorooctanoic acid, octa	680	J			21.063	

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY7	SDG No.:	BM101424
Lab Sample ID:	P4238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BM048052.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	180	J			21.586	
1000120-80-7	Methadone N-oxide	140	J			21.663	
	(DEL) Alkane: Straight-Chain22.151	400	J			22.151	
000638-66-4	Octadecanal	830	J			23.11	
	(DEL) Alkane: Cyclic23.592	1200	J			23.592	
007390-81-0	Oxirane, hexadecyl-	1400	J			24.886	
	(DEL) Alkane: Straight-Chain25.439	1300	J			25.439	
041755-58-2	Triacetyl acetate	1100	J			25.562	
E966796	Total Alkanes	3000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ6	SDG No.:	BM101424
Lab Sample ID:	P4238-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.9
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
BM048053.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	11.8	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	150	590	ug/Kg
110-86-1	Pyridine	77	U	77	290	590	ug/Kg
108-95-2	Phenol	62	U	62	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	61	U	61	150	590	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	75.8	300	ug/Kg
95-48-7	2-Methylphenol	53	U	53	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	150	590	ug/Kg
98-86-2	Acetophenone	68	U	68	150	590	ug/Kg
106-44-5	4-Methylphenol	57	U	57	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	52	U	52	75.8	300	ug/Kg
67-72-1	Hexachloroethane	41	U	41	75.8	300	ug/Kg
98-95-3	Nitrobenzene	64	U	64	75.8	300	ug/Kg
78-59-1	Isophorone	61	U	61	75.8	300	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	75.8	300	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	75.8	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	75.8	300	ug/Kg
120-83-2	2,4-Dichlorophenol	70	U	70	75.8	300	ug/Kg
91-20-3	Naphthalene	61	U	61	75.8	300	ug/Kg
106-47-8	4-Chloroaniline	77	U	77	75.8	590	ug/Kg
87-68-3	Hexachlorobutadiene	61	U	61	75.8	300	ug/Kg
105-60-2	Caprolactam	210	U	210	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	75.8	300	ug/Kg
90-12-0	1-Methylnaphthalene	73	U	73	75.8	300	ug/Kg
91-57-6	2-Methylnaphthalene	66	U	66	75.8	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	75.8	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75	U	75	75.8	300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ6	SDG No.:	BM101424
Lab Sample ID:	P4238-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.9
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
BM048053.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	86	U	86	75.8	300	ug/Kg
91-58-7	2-Chloronaphthalene	80	U	80	75.8	300	ug/Kg
88-74-4	2-Nitroaniline	39	U	39	75.8	300	ug/Kg
131-11-3	Dimethylphthalate	75	U	75	75.8	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	37	U	37	75.8	300	ug/Kg
208-96-8	Acenaphthylene	77	U	77	75.8	300	ug/Kg
99-09-2	3-Nitroaniline	36	U	36	150	590	ug/Kg
83-32-9	Acenaphthene	73	U	73	75.8	300	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	150	590	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	150	590	ug/Kg
132-64-9	Dibenzofuran	82	U	82	75.8	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	75.8	300	ug/Kg
84-66-2	Diethylphthalate	110	U	110	75.8	300	ug/Kg
86-73-7	Fluorene	80	U	80	75.8	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	84	U	84	75.8	300	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	75	U	75	75.8	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91	U	91	75.8	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	80	U	80	75.8	300	ug/Kg
118-74-1	Hexachlorobenzene	89	U	89	75.8	300	ug/Kg
1912-24-9	Atrazine	70	U	70	150	590	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	150	590	ug/Kg
85-01-8	Phenanthrene	460		78	75.8	300	ug/Kg
608-93-5	Pentachlorobenzene	91	U	91	75.8	300	ug/Kg
120-12-7	Anthracene	92	J	77	75.8	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	75.8	300	ug/Kg
86-74-8	Carbazole	80	U	80	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	75.8	300	ug/Kg
206-44-0	Fluoranthene	1200		78	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ6	SDG No.:	BM101424
Lab Sample ID:	P4238-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.9
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
BM048053.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	760		78	75.8	300	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	57	75.8	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	480		70	75.8	300	ug/Kg
218-01-9	Chrysene	580		80	75.8	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320		78	75.8	300	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	810		75	75.8	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	J	80	75.8	300	ug/Kg
50-32-8	Benzo(a)pyrene	280	J	75	75.8	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	J	66	75.8	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99	J	66	75.8	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	62	75.8	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	75.8	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.149	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	6.107		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.452		10-150		14	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.858		15-120		20	SPK: -40
190780-66-6	4-Methylphenol-d8	4.974		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	7.998		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.246		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.177		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.126		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.862		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	8.881		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.079		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	9.533		20-140		24	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ6	SDG No.:	BM101424
Lab Sample ID:	P4238-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.9
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
BM048053.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.806	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	9.478		10-150		24	SPK: -40
1718-52-1	Pyrene-d10	9.712		10-130		24	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.633		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	249941	7.787				
1146-65-2	Naphthalene-d8	1006168	10.575				
15067-26-2	Acenaphthene-d10	634412	14.422				
1517-22-2	Phenanthrene-d10	1294271	17.163				
1719-03-5	Chrysene-d12	1130902	21.392				
1520-96-3	Perylene-d12	1345619	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	320	J			15.774	
000057-10-3	n-Hexadecanoic acid	300	J			18.057	
000203-64-5	4H-Cyclopenta[def]phenanthrene	150	J			18.233	
1000406-04-8	Pentadecafluorooctanoic acid, octa	220	J			21.062	
E966796	Total Alkanes	86	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ7	SDG No.:	BM101424
Lab Sample ID:	P4238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BM048054.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.3	84	ug/Kg
100-52-7	Benzaldehyde	95	U	95	100	420	ug/Kg
110-86-1	Pyridine	54	U	54	210	420	ug/Kg
108-95-2	Phenol	44	U	44	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.8	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	420	ug/Kg
98-86-2	Acetophenone	48	U	48	100	420	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	53.8	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.8	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	53.8	220	ug/Kg
78-59-1	Isophorone	43	U	43	53.8	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.8	220	ug/Kg
91-20-3	Naphthalene	43	U	43	53.8	220	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.8	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.8	220	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	53.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ7	SDG No.:	BM101424
Lab Sample ID:	P4238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048054.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	53.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	53.8	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.8	220	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	53.8	220	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.8	220	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	53.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	100	420	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.8	220	ug/Kg
84-66-2	Diethylphthalate	76	U	76	53.8	220	ug/Kg
86-73-7	Fluorene	57	U	57	53.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.8	220	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	53.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	53.8	220	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.8	220	ug/Kg
1912-24-9	Atrazine	49	U	49	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	210	J	56	53.8	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.8	220	ug/Kg
120-12-7	Anthracene	54	U	54	53.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	53.8	220	ug/Kg
86-74-8	Carbazole	57	U	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.8	220	ug/Kg
206-44-0	Fluoranthene	340		56	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ7	SDG No.:	BM101424
Lab Sample ID:	P4238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048054.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	310		56	53.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	49	53.8	220	ug/Kg
218-01-9	Chrysene	170	J	57	53.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	56	53.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	J	53	53.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	J	57	53.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	53	53.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88	J	47	53.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	53.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	44	53.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	53.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.081		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	5.674	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	12.474		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.282		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.109		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	12.219		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	15.382		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.341		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.726		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.443		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.422		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.768		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.848		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	18.911		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ7	SDG No.:	BM101424
Lab Sample ID:	P4238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BM048054.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.198		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	19.49		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	21.63		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.026		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	309484	7.781				
1146-65-2	Naphthalene-d8	1243623	10.575				
15067-26-2	Acenaphthene-d10	760775	14.421				
1517-22-2	Phenanthrene-d10	1544961	17.162				
1719-03-5	Chrysene-d12	1421355	21.392				
1520-96-3	Perylene-d12	1688121	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	440	J			15.774	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	95	J			17.762	
000057-10-3	n-Hexadecanoic acid	390	J			18.057	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachlo	140	J			18.233	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	180	J			21.062	
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F00	SDG No.:	BM101424
Lab Sample ID:	P4238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.7
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
BM048055.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	11.7	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	150	590	ug/Kg
110-86-1	Pyridine	76	U	76	290	590	ug/Kg
108-95-2	Phenol	62	U	62	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	60	U	60	150	590	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	75.5	300	ug/Kg
95-48-7	2-Methylphenol	53	U	53	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	150	590	ug/Kg
98-86-2	Acetophenone	67	U	67	150	590	ug/Kg
106-44-5	4-Methylphenol	57	U	57	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	52	U	52	75.5	300	ug/Kg
67-72-1	Hexachloroethane	41	U	41	75.5	300	ug/Kg
98-95-3	Nitrobenzene	64	U	64	75.5	300	ug/Kg
78-59-1	Isophorone	60	U	60	75.5	300	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	75.5	300	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	75.5	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	67	U	67	75.5	300	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	69	75.5	300	ug/Kg
91-20-3	Naphthalene	60	U	60	75.5	300	ug/Kg
106-47-8	4-Chloroaniline	76	U	76	75.5	590	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	75.5	300	ug/Kg
105-60-2	Caprolactam	210	U	210	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	75.5	300	ug/Kg
90-12-0	1-Methylnaphthalene	73	U	73	75.5	300	ug/Kg
91-57-6	2-Methylnaphthalene	66	U	66	75.5	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76	U	76	75.5	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75	U	75	75.5	300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F00	SDG No.:	BM101424
Lab Sample ID:	P4238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.7
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
BM048055.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	85	U	85	75.5	300	ug/Kg
91-58-7	2-Chloronaphthalene	80	U	80	75.5	300	ug/Kg
88-74-4	2-Nitroaniline	39	U	39	75.5	300	ug/Kg
131-11-3	Dimethylphthalate	75	U	75	75.5	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	37	U	37	75.5	300	ug/Kg
208-96-8	Acenaphthylene	110	J	76	75.5	300	ug/Kg
99-09-2	3-Nitroaniline	36	U	36	150	590	ug/Kg
83-32-9	Acenaphthene	73	U	73	75.5	300	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	150	590	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	150	590	ug/Kg
132-64-9	Dibenzofuran	82	U	82	75.5	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	75.5	300	ug/Kg
84-66-2	Diethylphthalate	110	U	110	75.5	300	ug/Kg
86-73-7	Fluorene	99	J	80	75.5	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	83	U	83	75.5	300	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	28	U	28	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	75	U	75	75.5	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91	U	91	75.5	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	80	U	80	75.5	300	ug/Kg
118-74-1	Hexachlorobenzene	89	U	89	75.5	300	ug/Kg
1912-24-9	Atrazine	69	U	69	150	590	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	150	590	ug/Kg
85-01-8	Phenanthrene	1100		78	75.5	300	ug/Kg
608-93-5	Pentachlorobenzene	91	U	91	75.5	300	ug/Kg
120-12-7	Anthracene	310		76	75.5	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	75.5	300	ug/Kg
86-74-8	Carbazole	80	U	80	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	75.5	300	ug/Kg
206-44-0	Fluoranthene	1700		78	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F00	SDG No.:	BM101424
Lab Sample ID:	P4238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048055.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		78	75.5	300	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	57	75.5	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	780		69	75.5	300	ug/Kg
218-01-9	Chrysene	650		80	75.5	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	78	75.5	300	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	810		75	75.5	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	J	80	75.5	300	ug/Kg
50-32-8	Benzo(a)pyrene	640		75	75.5	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	320		66	75.5	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	66	75.5	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	370		62	75.5	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	75.5	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.034		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	7.188	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	11.854		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.95		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.816		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	12.538		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	14.45		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.076		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.963		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.403		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.151		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	16.858		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.536		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	18.376		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F00	SDG No.:	BM101424
Lab Sample ID:	P4238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.7
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
BM048055.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.803		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	19.046		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	21.514		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.618		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	275234	7.781				
1146-65-2	Naphthalene-d8	1092623	10.575				
15067-26-2	Acenaphthene-d10	662525	14.422				
1517-22-2	Phenanthrene-d10	1381838	17.163				
1719-03-5	Chrysene-d12	1302352	21.392				
1520-96-3	Perylene-d12	1554379	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.774	
000057-10-3	n-Hexadecanoic acid	460	J			18.057	
002531-84-2	Phenanthrene, 2-methyl-	300	J			18.086	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	130	J			18.168	
000203-64-5	4H-Cyclopenta[def]phenanthrene	510	J			18.233	
000832-69-9	Phenanthrene, 1-methyl-	170	J			18.268	
000612-94-2	Naphthalene, 2-phenyl-	190	J			18.539	
000781-43-1	9,10-Dimethylantracene	160	J			18.956	
	unknown-01	130	J			19.021	
003674-66-6	Phenanthrene, 2,5-dimethyl-	130	J			19.092	
000243-17-4	11H-Benzo[b]fluorene	180	J			20.074	
002381-21-7	Pyrene, 1-methyl-	140	J			20.174	
1000406-04-8	Pentadecafluorooctanoic acid, octa	260	J			21.068	
000192-97-2	Benzo[e]pyrene	230	J			24.115	
E966796	Total Alkanes	85	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY8	SDG No.:	BM101424
Lab Sample ID:	P4238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048056.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	9.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	120	490	ug/Kg
110-86-1	Pyridine	64	U	64	250	490	ug/Kg
108-95-2	Phenol	52	U	52	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	120	490	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	63.7	250	ug/Kg
95-48-7	2-Methylphenol	45	U	45	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	120	490	ug/Kg
98-86-2	Acetophenone	57	U	57	120	490	ug/Kg
106-44-5	4-Methylphenol	48	U	48	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	63.7	250	ug/Kg
67-72-1	Hexachloroethane	34	U	34	63.7	250	ug/Kg
98-95-3	Nitrobenzene	54	U	54	63.7	250	ug/Kg
78-59-1	Isophorone	51	U	51	63.7	250	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	63.7	250	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	63.7	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	63.7	250	ug/Kg
120-83-2	2,4-Dichlorophenol	58	U	58	63.7	250	ug/Kg
91-20-3	Naphthalene	51	U	51	63.7	250	ug/Kg
106-47-8	4-Chloroaniline	64	U	64	63.7	490	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	63.7	250	ug/Kg
105-60-2	Caprolactam	180	U	180	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	63.7	250	ug/Kg
90-12-0	1-Methylnaphthalene	61	U	61	63.7	250	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	63.7	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	63.7	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	63.7	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY8	SDG No.:	BM101424
Lab Sample ID:	P4238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.3
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
BM048056.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	72	U	72	63.7	250	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	67	63.7	250	ug/Kg
88-74-4	2-Nitroaniline	33	U	33	63.7	250	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	63.7	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	63.7	250	ug/Kg
208-96-8	Acenaphthylene	64	U	64	63.7	250	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	120	490	ug/Kg
83-32-9	Acenaphthene	61	U	61	63.7	250	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	120	490	ug/Kg
100-02-7	4-Nitrophenol	61	U	61	120	490	ug/Kg
132-64-9	Dibenzofuran	69	U	69	63.7	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	63.7	250	ug/Kg
84-66-2	Diethylphthalate	90	U	90	63.7	250	ug/Kg
86-73-7	Fluorene	67	U	67	63.7	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	70	U	70	63.7	250	ug/Kg
100-01-6	4-Nitroaniline	63	U	63	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	63	63.7	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	76	63.7	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67	U	67	63.7	250	ug/Kg
118-74-1	Hexachlorobenzene	75	U	75	63.7	250	ug/Kg
1912-24-9	Atrazine	58	U	58	120	490	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	490	ug/Kg
85-01-8	Phenanthrene	540		66	63.7	250	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	63.7	250	ug/Kg
120-12-7	Anthracene	120	J	64	63.7	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	49	U	49	63.7	250	ug/Kg
86-74-8	Carbazole	67	U	67	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	63.7	250	ug/Kg
206-44-0	Fluoranthene	1200		66	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY8	SDG No.:	BM101424
Lab Sample ID:	P4238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.3
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
BM048056.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	790		66	63.7	250	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	63.7	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	34	U	34	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	520		58	63.7	250	ug/Kg
218-01-9	Chrysene	590		67	63.7	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360		66	63.7	250	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	800		63	63.7	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	250		67	63.7	250	ug/Kg
50-32-8	Benzo(a)pyrene	300		63	63.7	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	J	55	63.7	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99	J	55	63.7	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	63.7	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	63.7	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.063	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.522	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	6.543		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.381		10-150		13	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.734		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	6.244		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	7.603		10-135		19	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.934		10-120		22	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.002		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.122		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.125		10-145		20	SPK: -40
93951-97-4	Acenaphthylene-d8	8.027		15-120		20	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.863		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	8.421		20-140		21	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY8	SDG No.:	BM101424
Lab Sample ID:	P4238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.3
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
BM048056.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.186	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	8.399		10-150		21	SPK: -40
1718-52-1	Pyrene-d10	8.466		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.867		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	275987	7.787				
1146-65-2	Naphthalene-d8	1113045	10.575				
15067-26-2	Acenaphthene-d10	686277	14.422				
1517-22-2	Phenanthrene-d10	1375020	17.163				
1719-03-5	Chrysene-d12	1217369	21.392				
1520-96-3	Perylene-d12	1439521	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.774	
000057-10-3	n-Hexadecanoic acid	360	J			18.057	
000203-64-5	4H-Cyclopenta[def]phenanthrene	200	J			18.233	
000243-17-4	11H-Benzo[b]fluorene	110	J			20.068	
	(DEL) Alkane: Cyclic	190	J			21.062	
	(DEL) Alkane: Straight-Chain	180	J			22.15	
E966796	Total Alkanes	370				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ5	SDG No.:	BM101424
Lab Sample ID:	P4238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.5
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
BM048057.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	11.9	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	150	590	ug/Kg
110-86-1	Pyridine	77	U	77	300	590	ug/Kg
108-95-2	Phenol	63	U	63	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	61	U	61	150	590	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	76.3	310	ug/Kg
95-48-7	2-Methylphenol	54	U	54	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	150	590	ug/Kg
98-86-2	Acetophenone	68	U	68	150	590	ug/Kg
106-44-5	4-Methylphenol	57	U	57	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	52	U	52	76.3	310	ug/Kg
67-72-1	Hexachloroethane	41	U	41	76.3	310	ug/Kg
98-95-3	Nitrobenzene	65	U	65	76.3	310	ug/Kg
78-59-1	Isophorone	61	U	61	76.3	310	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	76.3	310	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	76.3	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	76.3	310	ug/Kg
120-83-2	2,4-Dichlorophenol	70	U	70	76.3	310	ug/Kg
91-20-3	Naphthalene	61	U	61	76.3	310	ug/Kg
106-47-8	4-Chloroaniline	77	U	77	76.3	590	ug/Kg
87-68-3	Hexachlorobutadiene	61	U	61	76.3	310	ug/Kg
105-60-2	Caprolactam	220	U	220	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	76.3	310	ug/Kg
90-12-0	1-Methylnaphthalene	74	U	74	76.3	310	ug/Kg
91-57-6	2-Methylnaphthalene	66	U	66	76.3	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	76.3	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75	U	75	76.3	310	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ5	SDG No.:	BM101424
Lab Sample ID:	P4238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.5
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
BM048057.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	86	U	86	76.3	310	ug/Kg
91-58-7	2-Chloronaphthalene	81	U	81	76.3	310	ug/Kg
88-74-4	2-Nitroaniline	40	U	40	76.3	310	ug/Kg
131-11-3	Dimethylphthalate	75	U	75	76.3	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	38	U	38	76.3	310	ug/Kg
208-96-8	Acenaphthylene	77	U	77	76.3	310	ug/Kg
99-09-2	3-Nitroaniline	36	U	36	150	590	ug/Kg
83-32-9	Acenaphthene	74	U	74	76.3	310	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	150	590	ug/Kg
100-02-7	4-Nitrophenol	74	U	74	150	590	ug/Kg
132-64-9	Dibenzofuran	83	U	83	76.3	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	76.3	310	ug/Kg
84-66-2	Diethylphthalate	110	U	110	76.3	310	ug/Kg
86-73-7	Fluorene	81	U	81	76.3	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	84	U	84	76.3	310	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	75	U	75	76.3	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92	U	92	76.3	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81	U	81	76.3	310	ug/Kg
118-74-1	Hexachlorobenzene	90	U	90	76.3	310	ug/Kg
1912-24-9	Atrazine	70	U	70	150	590	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	150	590	ug/Kg
85-01-8	Phenanthrene	440		79	76.3	310	ug/Kg
608-93-5	Pentachlorobenzene	92	U	92	76.3	310	ug/Kg
120-12-7	Anthracene	90	J	77	76.3	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	76.3	310	ug/Kg
86-74-8	Carbazole	81	U	81	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	76.3	310	ug/Kg
206-44-0	Fluoranthene	1100		79	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ5	SDG No.:	BM101424
Lab Sample ID:	P4238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048057.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	690		79	76.3	310	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	57	76.3	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	440		70	76.3	310	ug/Kg
218-01-9	Chrysene	530		81	76.3	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	J	79	76.3	310	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	730		75	76.3	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	J	81	76.3	310	ug/Kg
50-32-8	Benzo(a)pyrene	260	J	75	76.3	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	J	66	76.3	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88	J	66	76.3	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	U	63	76.3	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	76.3	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.04	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.608	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	5.299		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.885		10-150		12	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.876		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	4.167		10-140		10	SPK: -40
4165-60-0	Nitrobenzene-d5	6.931		10-135		17	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.891		10-120		20	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.965		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.788		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.51		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.932		15-120		20	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.45	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	8.522		20-140		21	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EZ5	SDG No.:	BM101424
Lab Sample ID:	P4238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.5
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
BM048057.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.818	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	8.343		10-150		21	SPK: -40
1718-52-1	Pyrene-d10	8.274		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.859		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241041	7.781				
1146-65-2	Naphthalene-d8	940671	10.575				
15067-26-2	Acenaphthene-d10	566896	14.421				
1517-22-2	Phenanthrene-d10	1207713	17.162				
1719-03-5	Chrysene-d12	1168819	21.392				
1520-96-3	Perylene-d12	1389109	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	130	J			15.774	
000057-10-3	n-Hexadecanoic acid	220	J			18.057	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			18.233	
002490-48-4	1-Hexadecanol, 2-methyl-	180	J			21.062	
E966796	Total Alkanes	86	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F01	SDG No.:	BM101424
Lab Sample ID:	P4238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.5
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
BM048058.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	10	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	130	500	ug/Kg
110-86-1	Pyridine	65	U	65	250	500	ug/Kg
108-95-2	Phenol	53	U	53	130	500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	130	500	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	64.7	260	ug/Kg
95-48-7	2-Methylphenol	46	U	46	130	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41	U	41	130	500	ug/Kg
98-86-2	Acetophenone	58	U	58	130	500	ug/Kg
106-44-5	4-Methylphenol	49	U	49	130	500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	64.7	260	ug/Kg
67-72-1	Hexachloroethane	35	U	35	64.7	260	ug/Kg
98-95-3	Nitrobenzene	55	U	55	64.7	260	ug/Kg
78-59-1	Isophorone	52	U	52	64.7	260	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	64.7	260	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	64.7	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	64.7	260	ug/Kg
120-83-2	2,4-Dichlorophenol	59	U	59	64.7	260	ug/Kg
91-20-3	Naphthalene	52	U	52	64.7	260	ug/Kg
106-47-8	4-Chloroaniline	65	U	65	64.7	500	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	64.7	260	ug/Kg
105-60-2	Caprolactam	180	U	180	130	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	64.7	260	ug/Kg
90-12-0	1-Methylnaphthalene	62	U	62	64.7	260	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	64.7	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	130	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	64.7	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	64.7	260	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F01	SDG No.:	BM101424
Lab Sample ID:	P4238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.5
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
BM048058.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	73	U	73	64.7	260	ug/Kg
91-58-7	2-Chloronaphthalene	68	U	68	64.7	260	ug/Kg
88-74-4	2-Nitroaniline	33	U	33	64.7	260	ug/Kg
131-11-3	Dimethylphthalate	64	U	64	64.7	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	64.7	260	ug/Kg
208-96-8	Acenaphthylene	65	U	65	64.7	260	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	130	500	ug/Kg
83-32-9	Acenaphthene	62	U	62	64.7	260	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	130	500	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	130	500	ug/Kg
132-64-9	Dibenzofuran	70	U	70	64.7	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	64.7	260	ug/Kg
84-66-2	Diethylphthalate	91	U	91	64.7	260	ug/Kg
86-73-7	Fluorene	68	U	68	64.7	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	72	U	72	64.7	260	ug/Kg
100-01-6	4-Nitroaniline	64	U	64	130	500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	130	500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	64.7	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	78	U	78	64.7	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	68	U	68	64.7	260	ug/Kg
118-74-1	Hexachlorobenzene	76	U	76	64.7	260	ug/Kg
1912-24-9	Atrazine	59	U	59	130	500	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	130	500	ug/Kg
85-01-8	Phenanthrene	250	J	67	64.7	260	ug/Kg
608-93-5	Pentachlorobenzene	78	U	78	64.7	260	ug/Kg
120-12-7	Anthracene	65	J	65	64.7	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	64.7	260	ug/Kg
86-74-8	Carbazole	68	U	68	130	500	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	64.7	260	ug/Kg
206-44-0	Fluoranthene	330		67	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F01	SDG No.:	BM101424
Lab Sample ID:	P4238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.5
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
BM048058.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260		67	64.7	260	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	64.7	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	35	U	35	130	500	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	59	64.7	260	ug/Kg
218-01-9	Chrysene	150	J	68	64.7	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67	U	67	64.7	260	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	130	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	64	64.7	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	64.7	260	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	64	64.7	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	J	56	64.7	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	64.7	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	75	J	53	64.7	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	64.7	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.797		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	6.774	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	10.101		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.19		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.446		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	10.322		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	10.756		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.569		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.364		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.906		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.878		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.259		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.438		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	14.596		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F01	SDG No.:	BM101424
Lab Sample ID:	P4238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.5
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
BM048058.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.967		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	15.443		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	17.042		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.845		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281336	7.781				
1146-65-2	Naphthalene-d8	1098675	10.575				
15067-26-2	Acenaphthene-d10	645972	14.422				
1517-22-2	Phenanthrene-d10	1291197	17.163				
1719-03-5	Chrysene-d12	1259264	21.392				
1520-96-3	Perylene-d12	1494915	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.774	
000057-10-3	n-Hexadecanoic acid	160	J			18.057	
	unknown-01	110	J			18.233	
	(DEL) Alkane: Straight-Chain	130	J			21.062	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY5	SDG No.:	BM101424
Lab Sample ID:	P4238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048059.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	18	U	18	9.2	93	ug/Kg
100-52-7	Benzaldehyde	100	U	100	110	460	ug/Kg
110-86-1	Pyridine	60	U	60	230	460	ug/Kg
108-95-2	Phenol	49	U	49	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	110	460	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	59	240	ug/Kg
95-48-7	2-Methylphenol	42	U	42	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	38	U	38	110	460	ug/Kg
98-86-2	Acetophenone	53	U	53	110	460	ug/Kg
106-44-5	4-Methylphenol	44	U	44	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	40	U	40	59	240	ug/Kg
67-72-1	Hexachloroethane	32	U	32	59	240	ug/Kg
98-95-3	Nitrobenzene	50	U	50	59	240	ug/Kg
78-59-1	Isophorone	47	U	47	59	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	59	240	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	59	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	59	240	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	59	240	ug/Kg
91-20-3	Naphthalene	47	U	47	59	240	ug/Kg
106-47-8	4-Chloroaniline	60	U	60	59	460	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	59	240	ug/Kg
105-60-2	Caprolactam	170	U	170	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39	U	39	59	240	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	59	240	ug/Kg
91-57-6	2-Methylnaphthalene	51	U	51	59	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	59	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	59	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY5	SDG No.:	BM101424
Lab Sample ID:	P4238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
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
BM048059.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	67	U	67	59	240	ug/Kg
91-58-7	2-Chloronaphthalene	63	U	63	59	240	ug/Kg
88-74-4	2-Nitroaniline	31	U	31	59	240	ug/Kg
131-11-3	Dimethylphthalate	58	U	58	59	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	59	240	ug/Kg
208-96-8	Acenaphthylene	60	U	60	59	240	ug/Kg
99-09-2	3-Nitroaniline	28	U	28	110	460	ug/Kg
83-32-9	Acenaphthene	57	U	57	59	240	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	460	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	460	ug/Kg
132-64-9	Dibenzofuran	64	U	64	59	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	59	240	ug/Kg
84-66-2	Diethylphthalate	83	U	83	59	240	ug/Kg
86-73-7	Fluorene	63	U	63	59	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	65	U	65	59	240	ug/Kg
100-01-6	4-Nitroaniline	58	U	58	110	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	22	U	22	110	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	59	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	71	U	71	59	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	63	59	240	ug/Kg
118-74-1	Hexachlorobenzene	69	U	69	59	240	ug/Kg
1912-24-9	Atrazine	54	U	54	110	460	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	460	ug/Kg
85-01-8	Phenanthrene	430		61	59	240	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	59	240	ug/Kg
120-12-7	Anthracene	91	J	60	59	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	46	U	46	59	240	ug/Kg
86-74-8	Carbazole	63	U	63	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	58	59	240	ug/Kg
206-44-0	Fluoranthene	730		61	110	240	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY5	SDG No.:	BM101424
Lab Sample ID:	P4238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
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
BM048059.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	490		61	59	240	ug/Kg
85-68-7	Butylbenzylphthalate	44	U	44	59	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32	U	32	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	320		54	59	240	ug/Kg
218-01-9	Chrysene	340		63	59	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	J	61	59	240	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	450		58	59	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	63	59	240	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	58	59	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	51	59	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	J	51	59	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	59	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	59	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.021	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.457	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	5.376		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.512		10-150		11	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.597		15-120		16	SPK: -40
190780-66-6	4-Methylphenol-d8	4.944		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	6.346		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.085		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.576		10-140		16	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.264		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.693		10-145		17	SPK: -40
93951-97-4	Acenaphthylene-d8	6.631		15-120		17	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.416	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	6.916	*	20-140		17	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4EY5	SDG No.:	BM101424
Lab Sample ID:	P4238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28
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
BM048059.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.571	*	10-130		4	SPK: -40
1719-06-8	Anthracene-d10	6.904		10-150		17	SPK: -40
1718-52-1	Pyrene-d10	6.847		10-130		17	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.831		10-140		12	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	301665	7.781				
1146-65-2	Naphthalene-d8	1187713	10.575				
15067-26-2	Acenaphthene-d10	708325	14.422				
1517-22-2	Phenanthrene-d10	1424843	17.163				
1719-03-5	Chrysene-d12	1313829	21.392				
1520-96-3	Perylene-d12	1568555	24.392				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	110	J			15.775	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	110	J			17.763	
000057-10-3	n-Hexadecanoic acid	190	J			18.057	
000203-64-5	4H-Cyclopenta[def]phenanthrene	180	J			18.233	
1000406-04-8	Pentadecafluorooctanoic acid, octa	120	J			21.063	
E966796	Total Alkanes	67	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	SLCS836	SDG No.:	BM101424
Lab Sample ID:	PB163836BS	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
BM048060.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	250		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	670		75	82.5	330	ug/Kg
110-86-1	Pyridine	610		43	170	330	ug/Kg
108-95-2	Phenol	720		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	700		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	830		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	770		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	510		27	82.5	330	ug/Kg
98-86-2	Acetophenone	700		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	760		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	640		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	730		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	680		36	42.5	170	ug/Kg
78-59-1	Isophorone	710		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	950		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	640		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	710		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	880		39	42.5	170	ug/Kg
91-20-3	Naphthalene	800		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	710		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	840		34	42.5	170	ug/Kg
105-60-2	Caprolactam	890		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	840		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	810		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	830		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	370		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	890		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	890		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	SLCS836	SDG No.:	BM101424
Lab Sample ID:	PB163836BS	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
BM048060.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	770		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	800		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	690		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	790		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	950		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	810		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	900		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	770		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	540		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	690		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	800		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	930		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	780		60	42.5	170	ug/Kg
86-73-7	Fluorene	760		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	780		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	990		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	580		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	770		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	800		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	830		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	860		50	42.5	170	ug/Kg
1912-24-9	Atrazine	570		39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	850		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	780		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	740		51	42.5	170	ug/Kg
120-12-7	Anthracene	770		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	740		33	42.5	170	ug/Kg
86-74-8	Carbazole	820		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	830		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	900		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	SLCS836	SDG No.:	BM101424
Lab Sample ID:	PB163836BS	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
BM048060.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	860		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	900		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	870		39	42.5	170	ug/Kg
218-01-9	Chrysene	840		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	940		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	900		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	860		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	820		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	810		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	850		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	840		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	850		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	920		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.876		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	18.764		20-120		47	SPK: -40
4165-62-2	Phenol-d5	21.951		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.455		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.932		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	22.982		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	26.322		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.135		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.111		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.514		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.922		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.538		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.8		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	24.577		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	10/2/2024 12:00:00 AM
Project:		Date Received:	10/2/2024 12:00:00 AM
Client Sample ID:	SLCS836	SDG No.:	BM101424
Lab Sample ID:	PB163836BS	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
BM048060.D	1	10/2/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163836

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.417		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	24.005		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	27.294		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.934		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	247289	7.781				
1146-65-2	Naphthalene-d8	997093	10.575				
15067-26-2	Acenaphthene-d10	623620	14.421				
1517-22-2	Phenanthrene-d10	1282034	17.162				
1719-03-5	Chrysene-d12	1176308	21.392				
1520-96-3	Perylene-d12	1393746	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SBLK081	SDG No.:	BM101424
Lab Sample ID:	PB164081BL	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
BM048062.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

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

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SBLK081	SDG No.:	BM101424
Lab Sample ID:	PB164081BL	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
BM048062.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

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

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SBLK081	SDG No.:	BM101424
Lab Sample ID:	PB164081BL	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
BM048062.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.617		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	17.119		20-120		43	SPK: -40
4165-62-2	Phenol-d5	19.18		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.246		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.899		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.251		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.479		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.327		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.432		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.441		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.458		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	21.873		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.864		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	22.311		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SBLK081	SDG No.:	BM101424
Lab Sample ID:	PB164081BL	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
BM048062.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.202		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	21.756		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	23.704		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.375		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	298655	7.781				
1146-65-2	Naphthalene-d8	1216409	10.575				
15067-26-2	Acenaphthene-d10	784684	14.422				
1517-22-2	Phenanthrene-d10	1571801	17.157				
1719-03-5	Chrysene-d12	1431641	21.386				
1520-96-3	Perylene-d12	1584328	24.386				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	180	J			18.057	
000057-11-4	Octadecanoic acid	79	J			19.333	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BM101424
Lab Sample ID:	P4388-10	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
BM048063.D	1	10/14/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164134

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

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BM101424
Lab Sample ID:	P4388-10	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
BM048063.D	1	10/14/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164134

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

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BM101424
Lab Sample ID:	P4388-10	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
BM048063.D	1	10/14/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164134

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

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BM101424
Lab Sample ID:	P4388-10	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
BM048063.D	1	10/14/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164134

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	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	223148	7.781				
1146-65-2	Naphthalene-d8	893785	10.575				
15067-26-2	Acenaphthene-d10	585815	14.416				
1517-22-2	Phenanthrene-d10	1204711	17.157				
1719-03-5	Chrysene-d12	1164462	21.386				
1520-96-3	Perylene-d12	1309173	24.386				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	380	J			18.057	
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BM101424
Lab Sample ID:	P4388-05	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
BM048064.D	1	10/14/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164133

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



Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BM101424
Lab Sample ID:	P4388-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048064.D	1	10/14/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164133

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



Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BM101424
Lab Sample ID:	P4388-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048064.D	1	10/14/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164133

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

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BM101424
Lab Sample ID:	P4388-05	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
BM048064.D	1	10/14/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164133

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	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	223474	7.781				
1146-65-2	Naphthalene-d8	877171	10.575				
15067-26-2	Acenaphthene-d10	566607	14.421				
1517-22-2	Phenanthrene-d10	1166843	17.162				
1719-03-5	Chrysene-d12	1133182	21.386				
1520-96-3	Perylene-d12	1279989	24.386				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	330	J			18.051	
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK9	SDG No.:	BM101424
Lab Sample ID:	P4350-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
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
BM048065.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	10	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	120	500	ug/Kg
110-86-1	Pyridine	65	U	65	250	500	ug/Kg
108-95-2	Phenol	53	U	53	120	500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	120	500	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	64.4	260	ug/Kg
95-48-7	2-Methylphenol	45	U	45	120	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41	U	41	120	500	ug/Kg
98-86-2	Acetophenone	58	U	58	120	500	ug/Kg
106-44-5	4-Methylphenol	48	U	48	120	500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	64.4	260	ug/Kg
67-72-1	Hexachloroethane	35	U	35	64.4	260	ug/Kg
98-95-3	Nitrobenzene	55	U	55	64.4	260	ug/Kg
78-59-1	Isophorone	52	U	52	64.4	260	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	64.4	260	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	64.4	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	64.4	260	ug/Kg
120-83-2	2,4-Dichlorophenol	59	U	59	64.4	260	ug/Kg
91-20-3	Naphthalene	52	U	52	64.4	260	ug/Kg
106-47-8	4-Chloroaniline	65	U	65	64.4	500	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	64.4	260	ug/Kg
105-60-2	Caprolactam	180	U	180	120	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	64.4	260	ug/Kg
90-12-0	1-Methylnaphthalene	62	U	62	64.4	260	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	64.4	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	120	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	64.4	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	64.4	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK9	SDG No.:	BM101424
Lab Sample ID:	P4350-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
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
BM048065.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	73	U	73	64.4	260	ug/Kg
91-58-7	2-Chloronaphthalene	68	U	68	64.4	260	ug/Kg
88-74-4	2-Nitroaniline	33	U	33	64.4	260	ug/Kg
131-11-3	Dimethylphthalate	64	U	64	64.4	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	64.4	260	ug/Kg
208-96-8	Acenaphthylene	65	U	65	64.4	260	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	120	500	ug/Kg
83-32-9	Acenaphthene	62	U	62	64.4	260	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	120	500	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	500	ug/Kg
132-64-9	Dibenzofuran	70	U	70	64.4	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	64.4	260	ug/Kg
84-66-2	Diethylphthalate	91	U	91	64.4	260	ug/Kg
86-73-7	Fluorene	68	U	68	64.4	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	71	U	71	64.4	260	ug/Kg
100-01-6	4-Nitroaniline	64	U	64	120	500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	120	500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	64.4	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	77	64.4	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	68	U	68	64.4	260	ug/Kg
118-74-1	Hexachlorobenzene	76	U	76	64.4	260	ug/Kg
1912-24-9	Atrazine	59	U	59	120	500	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	500	ug/Kg
85-01-8	Phenanthrene	67	U	67	64.4	260	ug/Kg
608-93-5	Pentachlorobenzene	77	U	77	64.4	260	ug/Kg
120-12-7	Anthracene	65	U	65	64.4	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	64.4	260	ug/Kg
86-74-8	Carbazole	68	U	68	120	500	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	64.4	260	ug/Kg
206-44-0	Fluoranthene	71	J	67	120	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK9	SDG No.:	BM101424
Lab Sample ID:	P4350-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048065.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	67	U	67	64.4	260	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	64.4	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	35	U	35	120	500	ug/Kg
56-55-3	Benzo(a)anthracene	59	U	59	64.4	260	ug/Kg
218-01-9	Chrysene	68	U	68	64.4	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67	U	67	64.4	260	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	120	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	64	U	64	64.4	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	64.4	260	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	64.4	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	64.4	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	64.4	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	64.4	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	64.4	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.034		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	9.394		20-120		23	SPK: -40
4165-62-2	Phenol-d5	13.516		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.873		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.587		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	15.702		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	16.061		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.217		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.681		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.281		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.488		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	20.355		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.795		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	22.922		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK9	SDG No.:	BM101424
Lab Sample ID:	P4350-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
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
BM048065.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.104		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	24.404		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	27.921		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.943		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	255414	7.781				
1146-65-2	Naphthalene-d8	1046023	10.575				
15067-26-2	Acenaphthene-d10	670929	14.416				
1517-22-2	Phenanthrene-d10	1348696	17.162				
1719-03-5	Chrysene-d12	1271240	21.386				
1520-96-3	Perylene-d12	1424265	24.386				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.774	
000057-10-3	n-Hexadecanoic acid	530	J			18.057	
000057-11-4	Octadecanoic acid	150	J			19.327	
006385-15-5	Heptafluorobutyric acid, hexadecyl	200	J			21.062	
E966796	Total Alkanes	73	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK3	SDG No.:	BM101424
Lab Sample ID:	P4350-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048066.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	9.6	97	ug/Kg
100-52-7	Benzaldehyde	110	U	110	120	480	ug/Kg
110-86-1	Pyridine	62	U	62	240	480	ug/Kg
108-95-2	Phenol	51	U	51	120	480	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	120	480	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	61.7	250	ug/Kg
95-48-7	2-Methylphenol	44	U	44	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39	U	39	120	480	ug/Kg
98-86-2	Acetophenone	55	U	55	120	480	ug/Kg
106-44-5	4-Methylphenol	46	U	46	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	61.7	250	ug/Kg
67-72-1	Hexachloroethane	33	U	33	61.7	250	ug/Kg
98-95-3	Nitrobenzene	52	U	52	61.7	250	ug/Kg
78-59-1	Isophorone	49	U	49	61.7	250	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	61.7	250	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	61.7	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	61.7	250	ug/Kg
120-83-2	2,4-Dichlorophenol	57	U	57	61.7	250	ug/Kg
91-20-3	Naphthalene	49	U	49	61.7	250	ug/Kg
106-47-8	4-Chloroaniline	62	U	62	61.7	480	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	61.7	250	ug/Kg
105-60-2	Caprolactam	170	U	170	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	61.7	250	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	61.7	250	ug/Kg
91-57-6	2-Methylnaphthalene	54	U	54	61.7	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	61.7	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	61.7	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK3	SDG No.:	BM101424
Lab Sample ID:	P4350-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
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
BM048066.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	70	U	70	61.7	250	ug/Kg
91-58-7	2-Chloronaphthalene	65	U	65	61.7	250	ug/Kg
88-74-4	2-Nitroaniline	32	U	32	61.7	250	ug/Kg
131-11-3	Dimethylphthalate	61	U	61	61.7	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	61.7	250	ug/Kg
208-96-8	Acenaphthylene	62	U	62	61.7	250	ug/Kg
99-09-2	3-Nitroaniline	29	U	29	120	480	ug/Kg
83-32-9	Acenaphthene	60	U	60	61.7	250	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	120	480	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	120	480	ug/Kg
132-64-9	Dibenzofuran	67	U	67	61.7	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	61.7	250	ug/Kg
84-66-2	Diethylphthalate	87	U	87	61.7	250	ug/Kg
86-73-7	Fluorene	65	U	65	61.7	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	68	U	68	61.7	250	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	120	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	23	U	23	120	480	ug/Kg
86-30-6	N-Nitrosodiphenylamine	61	U	61	61.7	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	74	U	74	61.7	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65	U	65	61.7	250	ug/Kg
118-74-1	Hexachlorobenzene	73	U	73	61.7	250	ug/Kg
1912-24-9	Atrazine	57	U	57	120	480	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	480	ug/Kg
85-01-8	Phenanthrene	64	U	64	61.7	250	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	61.7	250	ug/Kg
120-12-7	Anthracene	62	U	62	61.7	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	48	U	48	61.7	250	ug/Kg
86-74-8	Carbazole	65	U	65	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	61.7	250	ug/Kg
206-44-0	Fluoranthene	64	U	64	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK3	SDG No.:	BM101424
Lab Sample ID:	P4350-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
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
BM048066.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	64	U	64	61.7	250	ug/Kg
85-68-7	Butylbenzylphthalate	46	U	46	61.7	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	57	U	57	61.7	250	ug/Kg
218-01-9	Chrysene	65	U	65	61.7	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64	U	64	61.7	250	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	61	U	61	61.7	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	61.7	250	ug/Kg
50-32-8	Benzo(a)pyrene	61	U	61	61.7	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	61.7	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54	U	54	61.7	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	61.7	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	54	61.7	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.071		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	9.084		20-120		23	SPK: -40
4165-62-2	Phenol-d5	11.739		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.269		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.262		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	13.037		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	14.602		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.407		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.065		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.478		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.487		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	16.54		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.527		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	17.743		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK3	SDG No.:	BM101424
Lab Sample ID:	P4350-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.1
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
BM048066.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.778		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	17.235		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.677		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.753		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	279652	7.781				
1146-65-2	Naphthalene-d8	1126038	10.575				
15067-26-2	Acenaphthene-d10	705454	14.415				
1517-22-2	Phenanthrene-d10	1418784	17.162				
1719-03-5	Chrysene-d12	1346050	21.386				
1520-96-3	Perylene-d12	1525862	24.385				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.774	
000057-10-3	n-Hexadecanoic acid	430	J			18.056	
000057-11-4	Octadecanoic acid	140	J			19.327	
1000406-04-8	Pentadecafluorooctanoic acid, octa	170	J			21.062	
E966796	Total Alkanes	70	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK2	SDG No.:	BM101424
Lab Sample ID:	P4350-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048067.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	10.3	100	ug/Kg
100-52-7	Benzaldehyde	120	U	120	130	520	ug/Kg
110-86-1	Pyridine	67	U	67	260	520	ug/Kg
108-95-2	Phenol	57	J	55	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	130	520	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	66.6	270	ug/Kg
95-48-7	2-Methylphenol	47	U	47	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	130	520	ug/Kg
98-86-2	Acetophenone	60	U	60	130	520	ug/Kg
106-44-5	4-Methylphenol	50	U	50	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	66.6	270	ug/Kg
67-72-1	Hexachloroethane	36	U	36	66.6	270	ug/Kg
98-95-3	Nitrobenzene	56	U	56	66.6	270	ug/Kg
78-59-1	Isophorone	53	U	53	66.6	270	ug/Kg
88-75-5	2-Nitrophenol	50	U	50	66.6	270	ug/Kg
105-67-9	2,4-Dimethylphenol	44	U	44	66.6	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	66.6	270	ug/Kg
120-83-2	2,4-Dichlorophenol	61	U	61	66.6	270	ug/Kg
91-20-3	Naphthalene	53	U	53	66.6	270	ug/Kg
106-47-8	4-Chloroaniline	67	U	67	66.6	520	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	66.6	270	ug/Kg
105-60-2	Caprolactam	190	U	190	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	66.6	270	ug/Kg
90-12-0	1-Methylnaphthalene	64	U	64	66.6	270	ug/Kg
91-57-6	2-Methylnaphthalene	58	U	58	66.6	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	66.6	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66	U	66	66.6	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK2	SDG No.:	BM101424
Lab Sample ID:	P4350-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048067.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	75	U	75	66.6	270	ug/Kg
91-58-7	2-Chloronaphthalene	71	U	71	66.6	270	ug/Kg
88-74-4	2-Nitroaniline	34	U	34	66.6	270	ug/Kg
131-11-3	Dimethylphthalate	66	U	66	66.6	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	66.6	270	ug/Kg
208-96-8	Acenaphthylene	67	U	67	66.6	270	ug/Kg
99-09-2	3-Nitroaniline	31	U	31	130	520	ug/Kg
83-32-9	Acenaphthene	64	U	64	66.6	270	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	130	520	ug/Kg
100-02-7	4-Nitrophenol	64	U	64	130	520	ug/Kg
132-64-9	Dibenzofuran	72	U	72	66.6	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	66.6	270	ug/Kg
84-66-2	Diethylphthalate	94	U	94	66.6	270	ug/Kg
86-73-7	Fluorene	71	U	71	66.6	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	74	U	74	66.6	270	ug/Kg
100-01-6	4-Nitroaniline	66	U	66	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	66	U	66	66.6	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	80	U	80	66.6	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	71	U	71	66.6	270	ug/Kg
118-74-1	Hexachlorobenzene	78	U	78	66.6	270	ug/Kg
1912-24-9	Atrazine	61	U	61	130	520	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	520	ug/Kg
85-01-8	Phenanthrene	69	U	69	66.6	270	ug/Kg
608-93-5	Pentachlorobenzene	80	U	80	66.6	270	ug/Kg
120-12-7	Anthracene	67	U	67	66.6	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	52	U	52	66.6	270	ug/Kg
86-74-8	Carbazole	71	U	71	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	66.6	270	ug/Kg
206-44-0	Fluoranthene	69	U	69	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK2	SDG No.:	BM101424
Lab Sample ID:	P4350-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048067.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	69	U	69	66.6	270	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	66.6	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36	U	36	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	61	U	61	66.6	270	ug/Kg
218-01-9	Chrysene	71	U	71	66.6	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69	U	69	66.6	270	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	66	U	66	66.6	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	66.6	270	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	66.6	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	58	U	58	66.6	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	66.6	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	66.6	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	66.6	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.182		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	9.874		20-120		25	SPK: -40
4165-62-2	Phenol-d5	12.724		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.811		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.96		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	14.414		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	15.174		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.881		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.808		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.687		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.412		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	16.534		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.136		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	17.329		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK2	SDG No.:	BM101424
Lab Sample ID:	P4350-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.4
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
BM048067.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.088		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	17.603		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	19.246		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.081		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	276102	7.781				
1146-65-2	Naphthalene-d8	1137657	10.575				
15067-26-2	Acenaphthene-d10	712849	14.416				
1517-22-2	Phenanthrene-d10	1421906	17.157				
1719-03-5	Chrysene-d12	1330296	21.386				
1520-96-3	Perylene-d12	1476406	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			15.774	
000057-10-3	n-Hexadecanoic acid	450	J			18.057	
000057-11-4	Octadecanoic acid	140	J			19.333	
	(DEL) Alkane: Straight-Chain	21.062	J			21.062	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1	SDG No.:	BM101424
Lab Sample ID:	P4350-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BM048068.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.4	84	ug/Kg
100-52-7	Benzaldehyde	95	U	95	100	420	ug/Kg
110-86-1	Pyridine	54	U	54	210	420	ug/Kg
108-95-2	Phenol	73	J	44	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.9	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	420	ug/Kg
98-86-2	Acetophenone	48	U	48	100	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	53.9	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.9	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	53.9	220	ug/Kg
78-59-1	Isophorone	43	U	43	53.9	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	53.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.9	220	ug/Kg
91-20-3	Naphthalene	43	U	43	53.9	220	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.9	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.9	220	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	53.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1	SDG No.:	BM101424
Lab Sample ID:	P4350-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BM048068.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	53.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	53.9	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.9	220	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	53.9	220	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.9	220	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	53.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	100	420	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.9	220	ug/Kg
84-66-2	Diethylphthalate	76	U	76	53.9	220	ug/Kg
86-73-7	Fluorene	57	U	57	53.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53.9	220	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	53.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	53.9	220	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.9	220	ug/Kg
1912-24-9	Atrazine	49	U	49	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	56	U	56	53.9	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.9	220	ug/Kg
120-12-7	Anthracene	54	U	54	53.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	53.9	220	ug/Kg
86-74-8	Carbazole	57	U	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.9	220	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1	SDG No.:	BM101424
Lab Sample ID:	P4350-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BM048068.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	53.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	53.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.9	220	ug/Kg
218-01-9	Chrysene	57	U	57	53.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	53.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	53.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	53.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	53.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	53.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	53.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	53.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.706		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	18.091		20-120		45	SPK: -40
4165-62-2	Phenol-d5	21.962		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.493		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.525		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.746		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	26.361		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.03		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.872		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.828		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.887		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.22		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.821		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	25.858		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1	SDG No.:	BM101424
Lab Sample ID:	P4350-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
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
BM048068.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.462		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	24.856		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	27.416		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.526		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	256195	7.781				
1146-65-2	Naphthalene-d8	1039838	10.574				
15067-26-2	Acenaphthene-d10	655055	14.415				
1517-22-2	Phenanthrene-d10	1317515	17.156				
1719-03-5	Chrysene-d12	1218211	21.386				
1520-96-3	Perylene-d12	1370502	24.379				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.774	
000057-10-3	n-Hexadecanoic acid	450	J			18.056	
000057-11-4	Octadecanoic acid	130	J			19.333	
	(DEL) Alkane: Straight-Chain	21.062	J			21.062	
E966796	Total Alkanes	94				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1MS	SDG No.:	BM101424
Lab Sample ID:	P4350-13MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048069.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	420		16	8.3	84	ug/Kg
100-52-7	Benzaldehyde	1100		95	100	420	ug/Kg
110-86-1	Pyridine	1000		54	210	420	ug/Kg
108-95-2	Phenol	1400		44	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		43	100	420	ug/Kg
95-57-8	2-Chlorophenol	1400		35	53.7	210	ug/Kg
95-48-7	2-Methylphenol	1400		38	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	970		34	100	420	ug/Kg
98-86-2	Acetophenone	1300		48	100	420	ug/Kg
106-44-5	4-Methylphenol	1300		40	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		37	53.7	210	ug/Kg
67-72-1	Hexachloroethane	1300		29	53.7	210	ug/Kg
98-95-3	Nitrobenzene	1200		46	53.7	210	ug/Kg
78-59-1	Isophorone	1300		43	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	1700		40	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		35	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		48	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		49	53.7	210	ug/Kg
91-20-3	Naphthalene	1400		43	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	1100		54	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	1500		43	53.7	210	ug/Kg
105-60-2	Caprolactam	1600		150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		35	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	1500		52	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	1500		47	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100		100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		54	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		53	53.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1MS	SDG No.:	BM101424
Lab Sample ID:	P4350-13MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048069.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		61	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	1400		57	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	1300		28	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	1500		53	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		27	53.7	210	ug/Kg
208-96-8	Acenaphthylene	1400		54	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	1500		25	100	420	ug/Kg
83-32-9	Acenaphthene	1400		52	53.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		150	100	420	ug/Kg
100-02-7	4-Nitrophenol	1200		52	100	420	ug/Kg
132-64-9	Dibenzofuran	1400		58	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		34	53.7	210	ug/Kg
84-66-2	Diethylphthalate	1500		76	53.7	210	ug/Kg
86-73-7	Fluorene	1300		57	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		59	53.7	210	ug/Kg
100-01-6	4-Nitroaniline	1600		53	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		20	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		53	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		64	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		57	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	1600		63	53.7	210	ug/Kg
1912-24-9	Atrazine	1000		49	100	420	ug/Kg
87-86-5	Pentachlorophenol	1500		110	100	420	ug/Kg
85-01-8	Phenanthrene	1400		56	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	1400		64	53.7	210	ug/Kg
120-12-7	Anthracene	1300		54	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		42	53.7	210	ug/Kg
86-74-8	Carbazole	1400		57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	1600		53	53.7	210	ug/Kg
206-44-0	Fluoranthene	1600		56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1MS	SDG No.:	BM101424
Lab Sample ID:	P4350-13MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048069.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		56	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	1900		40	53.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1500		49	53.7	210	ug/Kg
218-01-9	Chrysene	1500		57	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		56	53.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		53	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		57	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	1400		53	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		47	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		47	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		44	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		47	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.536		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	17.565		20-120		44	SPK: -40
4165-62-2	Phenol-d5	23.616		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.284		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.146		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.884		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	28.434		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.815		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.622		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.89		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.878		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.313		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.824		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	26.896		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1MS	SDG No.:	BM101424
Lab Sample ID:	P4350-13MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048069.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.551		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	25.999		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	30.726		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.664		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	290773	7.781				
1146-65-2	Naphthalene-d8	1198297	10.575				
15067-26-2	Acenaphthene-d10	743463	14.416				
1517-22-2	Phenanthrene-d10	1458996	17.162				
1719-03-5	Chrysene-d12	1237156	21.386				
1520-96-3	Perylene-d12	1428932	24.386				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1MSD	SDG No.:	BM101424
Lab Sample ID:	P4350-14MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048070.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	420		16	8.3	84	ug/Kg
100-52-7	Benzaldehyde	1200		95	100	420	ug/Kg
110-86-1	Pyridine	1100		54	210	420	ug/Kg
108-95-2	Phenol	1400		44	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		43	100	420	ug/Kg
95-57-8	2-Chlorophenol	1500		35	53.7	210	ug/Kg
95-48-7	2-Methylphenol	1400		38	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		34	100	420	ug/Kg
98-86-2	Acetophenone	1400		48	100	420	ug/Kg
106-44-5	4-Methylphenol	1400		40	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		37	53.7	210	ug/Kg
67-72-1	Hexachloroethane	1400		29	53.7	210	ug/Kg
98-95-3	Nitrobenzene	1300		45	53.7	210	ug/Kg
78-59-1	Isophorone	1400		43	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	1800		40	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		35	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		48	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		49	53.7	210	ug/Kg
91-20-3	Naphthalene	1500		43	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	1100		54	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	1600		43	53.7	210	ug/Kg
105-60-2	Caprolactam	1700		150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		35	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	1500		52	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	1600		47	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200		100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		54	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		53	53.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1MSD	SDG No.:	BM101424
Lab Sample ID:	P4350-14MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.09 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
BM048070.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		61	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	1500		57	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	1400		28	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	1600		53	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		27	53.7	210	ug/Kg
208-96-8	Acenaphthylene	1500		54	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	1700		25	100	420	ug/Kg
83-32-9	Acenaphthene	1400		52	53.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		150	100	420	ug/Kg
100-02-7	4-Nitrophenol	1300		52	100	420	ug/Kg
132-64-9	Dibenzofuran	1500		58	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		34	53.7	210	ug/Kg
84-66-2	Diethylphthalate	1600		76	53.7	210	ug/Kg
86-73-7	Fluorene	1400		57	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		59	53.7	210	ug/Kg
100-01-6	4-Nitroaniline	1800		53	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		20	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500		53	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		64	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		57	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	1600		63	53.7	210	ug/Kg
1912-24-9	Atrazine	1100		49	100	420	ug/Kg
87-86-5	Pentachlorophenol	1600		110	100	420	ug/Kg
85-01-8	Phenanthrene	1500		56	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	1400		64	53.7	210	ug/Kg
120-12-7	Anthracene	1400		54	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		42	53.7	210	ug/Kg
86-74-8	Carbazole	1500		57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	1700		53	53.7	210	ug/Kg
206-44-0	Fluoranthene	1700		56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1MSD	SDG No.:	BM101424
Lab Sample ID:	P4350-14MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048070.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		56	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	2000		40	53.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1600		49	53.7	210	ug/Kg
218-01-9	Chrysene	1600		57	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		56	53.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		53	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		57	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	1500		53	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		47	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		47	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		44	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		47	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.708		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	18.628		20-120		47	SPK: -40
4165-62-2	Phenol-d5	24.692		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.464		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.456		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.284		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	29.747		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.842		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.92		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.43		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.554		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.97		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.628		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	28.787		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAK1MSD	SDG No.:	BM101424
Lab Sample ID:	P4350-14MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30.09 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
BM048070.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.064		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	27.953		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	31.504		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.669		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	271691	7.781				
1146-65-2	Naphthalene-d8	1121286	10.575				
15067-26-2	Acenaphthene-d10	693941	14.416				
1517-22-2	Phenanthrene-d10	1369592	17.162				
1719-03-5	Chrysene-d12	1218750	21.386				
1520-96-3	Perylene-d12	1411183	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F08	SDG No.:	BM101424
Lab Sample ID:	P4239-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048071.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

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	100	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	43	U	43	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.7	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	46	U	46	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.7	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.7	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.7	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.7	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.7	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F08	SDG No.:	BM101424
Lab Sample ID:	P4239-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BM048071.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	51.7	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.7	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.7	210	ug/Kg
86-73-7	Fluorene	55	U	55	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.7	210	ug/Kg
1912-24-9	Atrazine	47	U	47	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	95	J	54	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.7	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.7	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.7	210	ug/Kg
206-44-0	Fluoranthene	150	J	54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F08	SDG No.:	BM101424
Lab Sample ID:	P4239-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048071.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	J	54	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	64	J	47	51.7	210	ug/Kg
218-01-9	Chrysene	68	J	55	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	77	J	51	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.713		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	8.729		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.706		10-150		19	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.716		15-120		27	SPK: -40
190780-66-6	4-Methylphenol-d8	8.241		10-140		21	SPK: -40
4165-60-0	Nitrobenzene-d5	10.286		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.737		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.969		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.414		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.515		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	10.24		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.6		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	10.888		20-140		27	SPK: -40

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	A4F08	SDG No.:	BM101424
Lab Sample ID:	P4239-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BM048071.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.362		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	10.404		10-150		26	SPK: -40
1718-52-1	Pyrene-d10	10.52		10-130		26	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.097		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234680	7.781				
1146-65-2	Naphthalene-d8	967996	10.569				
15067-26-2	Acenaphthene-d10	610571	14.415				
1517-22-2	Phenanthrene-d10	1220765	17.156				
1719-03-5	Chrysene-d12	1188097	21.386				
1520-96-3	Perylene-d12	1355585	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	95	J			15.774	
000057-10-3	n-Hexadecanoic acid	200	J			18.051	
	(DEL) Alkane: Straight-Chain	21.062	J			21.062	
E966796	Total Alkanes	82				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG7	SDG No.:	BM101424
Lab Sample ID:	P4239-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048072.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	10.1	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	130	500	ug/Kg
110-86-1	Pyridine	66	U	66	250	500	ug/Kg
108-95-2	Phenol	54	U	54	130	500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	130	500	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	65	260	ug/Kg
95-48-7	2-Methylphenol	46	U	46	130	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41	U	41	130	500	ug/Kg
98-86-2	Acetophenone	58	U	58	130	500	ug/Kg
106-44-5	4-Methylphenol	49	U	49	130	500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	65	260	ug/Kg
67-72-1	Hexachloroethane	35	U	35	65	260	ug/Kg
98-95-3	Nitrobenzene	55	U	55	65	260	ug/Kg
78-59-1	Isophorone	52	U	52	65	260	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	65	260	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	65	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	65	260	ug/Kg
120-83-2	2,4-Dichlorophenol	60	U	60	65	260	ug/Kg
91-20-3	Naphthalene	52	U	52	65	260	ug/Kg
106-47-8	4-Chloroaniline	66	U	66	65	500	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	65	260	ug/Kg
105-60-2	Caprolactam	180	U	180	130	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	65	260	ug/Kg
90-12-0	1-Methylnaphthalene	63	U	63	65	260	ug/Kg
91-57-6	2-Methylnaphthalene	57	U	57	65	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	130	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	65	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	65	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG7	SDG No.:	BM101424
Lab Sample ID:	P4239-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
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
BM048072.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	73	U	73	65	260	ug/Kg
91-58-7	2-Chloronaphthalene	69	U	69	65	260	ug/Kg
88-74-4	2-Nitroaniline	34	U	34	65	260	ug/Kg
131-11-3	Dimethylphthalate	64	U	64	65	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	65	260	ug/Kg
208-96-8	Acenaphthylene	66	U	66	65	260	ug/Kg
99-09-2	3-Nitroaniline	31	U	31	130	500	ug/Kg
83-32-9	Acenaphthene	63	U	63	65	260	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	130	500	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	130	500	ug/Kg
132-64-9	Dibenzofuran	70	U	70	65	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	65	260	ug/Kg
84-66-2	Diethylphthalate	92	U	92	65	260	ug/Kg
86-73-7	Fluorene	69	U	69	65	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	72	U	72	65	260	ug/Kg
100-01-6	4-Nitroaniline	64	U	64	130	500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	130	500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	65	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	78	U	78	65	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	69	U	69	65	260	ug/Kg
118-74-1	Hexachlorobenzene	76	U	76	65	260	ug/Kg
1912-24-9	Atrazine	60	U	60	130	500	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	130	500	ug/Kg
85-01-8	Phenanthrene	67	U	67	65	260	ug/Kg
608-93-5	Pentachlorobenzene	78	U	78	65	260	ug/Kg
120-12-7	Anthracene	66	U	66	65	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	65	260	ug/Kg
86-74-8	Carbazole	69	U	69	130	500	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	65	260	ug/Kg
206-44-0	Fluoranthene	67	U	67	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG7	SDG No.:	BM101424
Lab Sample ID:	P4239-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
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
BM048072.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	67	U	67	65	260	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	65	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	35	U	35	130	500	ug/Kg
56-55-3	Benzo(a)anthracene	60	U	60	65	260	ug/Kg
218-01-9	Chrysene	69	U	69	65	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67	U	67	65	260	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	130	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	64	U	64	65	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	65	260	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	65	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	U	57	65	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	65	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	65	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	65	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.841		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	18.104		20-120		45	SPK: -40
4165-62-2	Phenol-d5	21.631		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.674		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.76		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.674		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.403		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.145		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.602		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.046		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.493		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.479		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.102		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	26.962		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4EG7	SDG No.:	BM101424
Lab Sample ID:	P4239-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
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
BM048072.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.371		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	26.098		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	28.701		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.028		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207381	7.781				
1146-65-2	Naphthalene-d8	855615	10.569				
15067-26-2	Acenaphthene-d10	530793	14.416				
1517-22-2	Phenanthrene-d10	1063227	17.157				
1719-03-5	Chrysene-d12	993202	21.386				
1520-96-3	Perylene-d12	1133201	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.775	
000057-10-3	n-Hexadecanoic acid	380	J			18.051	
	unknown-01	160	J			18.457	
000057-11-4	Octadecanoic acid	140	J			19.327	
001454-84-8	n-Nonadecanol-1	130	J			21.062	
E966796	Total Alkanes	73	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET3	SDG No.:	BM101424
Lab Sample ID:	P4239-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048073.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	15.4	160	ug/Kg
100-52-7	Benzaldehyde	180	U	180	190	770	ug/Kg
110-86-1	Pyridine	100	U	100	390	770	ug/Kg
108-95-2	Phenol	82	U	82	190	770	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	80	U	80	190	770	ug/Kg
95-57-8	2-Chlorophenol	66	U	66	99.4	400	ug/Kg
95-48-7	2-Methylphenol	70	U	70	190	770	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63	U	63	190	770	ug/Kg
98-86-2	Acetophenone	89	U	89	190	770	ug/Kg
106-44-5	4-Methylphenol	75	U	75	190	770	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	99.4	400	ug/Kg
67-72-1	Hexachloroethane	54	U	54	99.4	400	ug/Kg
98-95-3	Nitrobenzene	84	U	84	99.4	400	ug/Kg
78-59-1	Isophorone	80	U	80	99.4	400	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	99.4	400	ug/Kg
105-67-9	2,4-Dimethylphenol	66	U	66	99.4	400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	89	U	89	99.4	400	ug/Kg
120-83-2	2,4-Dichlorophenol	91	U	91	99.4	400	ug/Kg
91-20-3	Naphthalene	80	U	80	99.4	400	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	99.4	770	ug/Kg
87-68-3	Hexachlorobutadiene	80	U	80	99.4	400	ug/Kg
105-60-2	Caprolactam	280	U	280	190	770	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	99.4	400	ug/Kg
90-12-0	1-Methylnaphthalene	96	U	96	99.4	400	ug/Kg
91-57-6	2-Methylnaphthalene	87	U	87	99.4	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	190	770	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	99.4	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98	U	98	99.4	400	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET3	SDG No.:	BM101424
Lab Sample ID:	P4239-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.4
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
BM048073.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	99.4	400	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	99.4	400	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	99.4	400	ug/Kg
131-11-3	Dimethylphthalate	98	U	98	99.4	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	99.4	400	ug/Kg
208-96-8	Acenaphthylene	100	U	100	99.4	400	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	190	770	ug/Kg
83-32-9	Acenaphthene	96	U	96	99.4	400	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	190	770	ug/Kg
100-02-7	4-Nitrophenol	96	U	96	190	770	ug/Kg
132-64-9	Dibenzofuran	110	U	110	99.4	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	63	99.4	400	ug/Kg
84-66-2	Diethylphthalate	140	U	140	99.4	400	ug/Kg
86-73-7	Fluorene	110	U	110	99.4	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	99.4	400	ug/Kg
100-01-6	4-Nitroaniline	98	U	98	190	770	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	37	U	37	190	770	ug/Kg
86-30-6	N-Nitrosodiphenylamine	98	U	98	99.4	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	99.4	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	99.4	400	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	99.4	400	ug/Kg
1912-24-9	Atrazine	91	U	91	190	770	ug/Kg
87-86-5	Pentachlorophenol	200	U	200	190	770	ug/Kg
85-01-8	Phenanthrene	270	J	100	99.4	400	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	99.4	400	ug/Kg
120-12-7	Anthracene	100	U	100	99.4	400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	77	U	77	99.4	400	ug/Kg
86-74-8	Carbazole	110	U	110	190	770	ug/Kg
84-74-2	Di-n-butylphthalate	98	U	98	99.4	400	ug/Kg
206-44-0	Fluoranthene	690		100	190	400	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET3	SDG No.:	BM101424
Lab Sample ID:	P4239-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048073.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	460		100	99.4	400	ug/Kg
85-68-7	Butylbenzylphthalate	75	U	75	99.4	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	190	770	ug/Kg
56-55-3	Benzo(a)anthracene	290	J	91	99.4	400	ug/Kg
218-01-9	Chrysene	370	J	110	99.4	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	100	99.4	400	ug/Kg
117-84-0	Di-n-octyl phthalate	80	U	80	190	770	ug/Kg
205-99-2	Benzo(b)fluoranthene	490		98	99.4	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	110	99.4	400	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	98	99.4	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	87	99.4	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87	U	87	99.4	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82	U	82	99.4	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87	U	87	99.4	400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.808		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	0.906	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	7.731		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.033		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.642		15-120		27	SPK: -40
190780-66-6	4-Methylphenol-d8	6.77		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	10.78		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.814		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.298		10-140		26	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.46		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.251		10-145		28	SPK: -40
93951-97-4	Acenaphthylene-d8	10.992		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.328		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	11.517		20-140		29	SPK: -40

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	A4ET3	SDG No.:	BM101424
Lab Sample ID:	P4239-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.4
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
BM048073.D	1	10/3/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB163884

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.954		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	11.034		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	11.114		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.464		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202646	7.781				
1146-65-2	Naphthalene-d8	831598	10.569				
15067-26-2	Acenaphthene-d10	518930	14.416				
1517-22-2	Phenanthrene-d10	1034356	17.157				
1719-03-5	Chrysene-d12	972509	21.386				
1520-96-3	Perylene-d12	1101740	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-83-8	Cyclohexene	17000	J			3.046	
000930-68-7	2-Cyclohexen-1-one	1200	J			6.41	
001561-86-0	2-Chlorocyclohexanol	710	J			8.092	
000119-61-9	Benzophenone	170	J			15.774	
000057-10-3	n-Hexadecanoic acid	340	J			18.051	
	unknown-01	240	J			18.756	
E966796	Total Alkanes	110	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK5	SDG No.:	BM101424
Lab Sample ID:	P4350-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM048074.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	93	U	93	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	52	J	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	100	J	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.9	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

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK5	SDG No.:	BM101424
Lab Sample ID:	P4350-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM048074.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
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	74	J	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	180	J	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK5	SDG No.:	BM101424
Lab Sample ID:	P4350-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048074.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	85	J	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	61	J	49	52.9	210	ug/Kg
218-01-9	Chrysene	73	J	56	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	91	J	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							
17647-74-4	1,4-Dioxane-d8	1.732		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	9.859		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.474		10-150		21	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.977		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	8.432		10-140		21	SPK: -40
4165-60-0	Nitrobenzene-d5	11.452		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.021		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.338		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.645		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.913		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	11.427		15-120		29	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.613		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	12.078		20-140		30	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAK5	SDG No.:	BM101424
Lab Sample ID:	P4350-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM048074.D	1	10/11/2024 12:00:00 AM	10/15/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.26		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	11.693		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	9.709		10-130		24	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.899		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	274359	7.781				
1146-65-2	Naphthalene-d8	1135809	10.569				
15067-26-2	Acenaphthene-d10	698700	14.416				
1517-22-2	Phenanthrene-d10	1394277	17.157				
1719-03-5	Chrysene-d12	1302050	21.386				
1520-96-3	Perylene-d12	1447816	24.38				
TENTATIVE IDENTIFIED COMPOUNDS							
002597-49-1	Cyclobutane, ethenyl-	1400	J			3.046	
000119-61-9	Benzophenone	89	J			15.775	
000057-10-3	n-Hexadecanoic acid	250	J			18.051	
000057-11-4	Octadecanoic acid	100	J			19.327	
E966796	Total Alkanes	60	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAJ9	SDG No.:	BM101424
Lab Sample ID:	P4350-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
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
BM048075.D	1	10/11/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	93	U	93	100	410	ug/Kg
110-86-1	Pyridine	53	U	53	200	410	ug/Kg
108-95-2	Phenol	59	J	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	52.7	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	130	J	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.7	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	52.7	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	52.7	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.7	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	52.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	52.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.7	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52.7	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.7	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.7	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	52.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	52.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98	U	98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAJ9	SDG No.:	BM101424
Lab Sample ID:	P4350-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
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
BM048075.D	1	10/11/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	52.7	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.7	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.7	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.7	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	52.7	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	52.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.7	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.7	210	ug/Kg
86-73-7	Fluorene	56	U	56	52.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.7	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	52.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	52.7	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.7	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	680		55	52.7	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.7	210	ug/Kg
120-12-7	Anthracene	110	J	53	52.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.7	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.7	210	ug/Kg
206-44-0	Fluoranthene	1500		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAJ9	SDG No.:	BM101424
Lab Sample ID:	P4350-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
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
BM048075.D	1	10/11/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	790		55	52.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	52.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	530		48	52.7	210	ug/Kg
218-01-9	Chrysene	580		56	52.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	52.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	720		52	52.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	230		56	52.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	200	J	52	52.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	46	52.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	J	46	52.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	52.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.086		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	0.85	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	11.766		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.801		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.101		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	11.735		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	13.536		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.836		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.162		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.144		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.901		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.546		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.685		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	14.554		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	EOAJ9	SDG No.:	BM101424
Lab Sample ID:	P4350-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048075.D	1	10/11/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.954		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	14.379		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	13.012		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.702		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294397	7.781				
1146-65-2	Naphthalene-d8	1192546	10.569				
15067-26-2	Acenaphthene-d10	724392	14.415				
1517-22-2	Phenanthrene-d10	1439914	17.156				
1719-03-5	Chrysene-d12	1232359	21.386				
1520-96-3	Perylene-d12	1399550	24.379				
TENTATIVE IDENTIFIED COMPOUNDS							
002597-49-1	Cyclobutane, ethenyl-	1300	J			3.046	
000930-68-7	2-Cyclohexen-1-one	87	J			6.416	
000119-61-9	Benzophenone	110	J			15.774	
000057-10-3	n-Hexadecanoic acid	330	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	150	J			18.227	
000084-65-1	9,10-Anthracenedione	110	J			18.574	
005737-13-3	Cyclopenta(def)phenanthrenone	95	J			19.092	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SLCS081	SDG No.:	BM101424
Lab Sample ID:	PB164081BS	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
BM048076.D	1	10/11/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	230		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	610		75	82.5	330	ug/Kg
110-86-1	Pyridine	540		43	170	330	ug/Kg
108-95-2	Phenol	660		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	650		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	770		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	710		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	490		27	82.5	330	ug/Kg
98-86-2	Acetophenone	660		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	700		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	600		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	700		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	600		36	42.5	170	ug/Kg
78-59-1	Isophorone	660		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	880		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	600		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	660		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	800		39	42.5	170	ug/Kg
91-20-3	Naphthalene	720		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	600		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	770		34	42.5	170	ug/Kg
105-60-2	Caprolactam	790		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	760		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	740		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	750		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	540		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	820		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	810		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SLCS081	SDG No.:	BM101424
Lab Sample ID:	PB164081BS	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
BM048076.D	1	10/11/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	710		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	730		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	630		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	750		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	890		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	730		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	790		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	690		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	640		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	590		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	720		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	840		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	750		60	42.5	170	ug/Kg
86-73-7	Fluorene	680		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	720		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	840		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	660		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	730		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	740		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	790		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	800		50	42.5	170	ug/Kg
1912-24-9	Atrazine	530		39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	760		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	700		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	690		51	42.5	170	ug/Kg
120-12-7	Anthracene	690		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	700		33	42.5	170	ug/Kg
86-74-8	Carbazole	710		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	820		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	830		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SLCS081	SDG No.:	BM101424
Lab Sample ID:	PB164081BS	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
BM048076.D	1	10/11/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	790		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	790		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	790		39	42.5	170	ug/Kg
218-01-9	Chrysene	770		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	950		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	910		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	770		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	760		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	740		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	750		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	750		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	810		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.528		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.858		20-120		42	SPK: -40
4165-62-2	Phenol-d5	19.968		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.379		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.797		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	21.388		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	23.671		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.719		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.317		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.718		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.284		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.36		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.288		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	22.032		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	10/11/2024 12:00:00 AM
Project:		Date Received:	10/11/2024 12:00:00 AM
Client Sample ID:	SLCS081	SDG No.:	BM101424
Lab Sample ID:	PB164081BS	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
BM048076.D	1	10/11/2024 12:00:00 AM	10/16/2024 12:00:00 AM	PB164081

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.634		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	21.541		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	24.849		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.271		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	322384	7.781				
1146-65-2	Naphthalene-d8	1344261	10.575				
15067-26-2	Acenaphthene-d10	827880	14.416				
1517-22-2	Phenanthrene-d10	1638221	17.163				
1719-03-5	Chrysene-d12	1393613	21.392				
1520-96-3	Perylene-d12	1598259	24.386				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4EQ8								
P4238-01	A4EQ8	Solid	(DEL) Alkane: Cyclic21.062	*	210.000	J		
P4238-01	A4EQ8	Solid	Benzophenone	*	200.000	J		
P4238-01	A4EQ8	Solid	n-Hexadecanoic acid	*	210.000	J		
P4238-01	A4EQ8	Solid	Total Alkanes	*	210.000	68	240	ug/Kg
Total Tics :				830.00				
P4238-01	A4EQ8	Solid	Benzo(b)fluoranthene		71.000	J 59	240	ug/Kg
P4238-01	A4EQ8	Solid	Fluoranthene		93.000	J 62	240	ug/Kg
P4238-01	A4EQ8	Solid	Pyrene		86.000	J 62	240	ug/Kg
Total Svoc :				250.00				
Total Concentration:				1,080.00				
Client ID : A4F12								
P4238-02	A4F12	Solid	(DEL) Alkane: Straight-Chain22.1	*	220.000	J		
P4238-02	A4F12	Solid	Benzophenone	*	180.000	J		
P4238-02	A4F12	Solid	Ethanol, 2-(tetradecyloxy)-	*	190.000	J		
P4238-02	A4F12	Solid	n-Hexadecanoic acid	*	200.000	J		
P4238-02	A4F12	Solid	Total Alkanes	*	220.000	93	330	ug/Kg
Total Tics :				1,010.00				
P4238-02	A4F12	Solid	Acetophenone		79.000	J 74	640	ug/Kg
P4238-02	A4F12	Solid	Benzo(a)anthracene		310.000	J 76	330	ug/Kg
P4238-02	A4F12	Solid	Benzo(a)pyrene		190.000	J 82	330	ug/Kg
P4238-02	A4F12	Solid	Benzo(b)fluoranthene		540.000	82	330	ug/Kg
P4238-02	A4F12	Solid	Benzo(k)fluoranthene		180.000	J 87	330	ug/Kg
P4238-02	A4F12	Solid	Bis(2-ethylhexyl)phthalate		250.000	J 85	330	ug/Kg
P4238-02	A4F12	Solid	Chrysene		400.000	87	330	ug/Kg
P4238-02	A4F12	Solid	Fluoranthene		760.000	85	330	ug/Kg
P4238-02	A4F12	Solid	Indeno(1,2,3-cd)pyrene		160.000	J 72	330	ug/Kg
P4238-02	A4F12	Solid	Phenanthrene		290.000	J 85	330	ug/Kg
P4238-02	A4F12	Solid	Pyrene		490.000	85	330	ug/Kg
Total Svoc :				3,649.00				
Total Concentration:				4,659.00				
Client ID : A4F13								
P4238-03	A4F13	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J		
P4238-03	A4F13	Solid	Benzophenone	*	220.000	J		
P4238-03	A4F13	Solid	n-Hexadecanoic acid	*	210.000	J		
P4238-03	A4F13	Solid	Total Alkanes	*	0.000	92	330	ug/Kg
Total Tics :				590.00				
P4238-03	A4F13	Solid	Anthracene		110.000	J 82	330	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4238-03	A4F13	Solid	Benzo(a)anthracene	250.000	J	75	330	ug/Kg
P4238-03	A4F13	Solid	Benzo(a)pyrene	140.000	J	81	330	ug/Kg
P4238-03	A4F13	Solid	Benzo(b)fluoranthene	280.000	J	81	330	ug/Kg
P4238-03	A4F13	Solid	Benzo(k)fluoranthene	97.000	J	86	330	ug/Kg
P4238-03	A4F13	Solid	Bis(2-ethylhexyl)phthalate	92.000	J	84	330	ug/Kg
P4238-03	A4F13	Solid	Chrysene	260.000	J	86	330	ug/Kg
P4238-03	A4F13	Solid	Fluoranthene	530.000		84	330	ug/Kg
P4238-03	A4F13	Solid	Indeno(1,2,3-cd)pyrene	83.000	J	71	330	ug/Kg
P4238-03	A4F13	Solid	Phenanthrene	470.000		84	330	ug/Kg
P4238-03	A4F13	Solid	Pyrene	430.000		84	330	ug/Kg
Total Svoc :				2,742.00				
Total Concentration:				3,332.00				
Client ID : A4F14								
P4238-04	A4F14	Solid	(DEL) Alkane: Cyclic21.062	*	130.000	J		
P4238-04	A4F14	Solid	Benzophenone	*	240.000	J		
P4238-04	A4F14	Solid	n-Hexadecanoic acid	*	220.000	J		
P4238-04	A4F14	Solid	Total Alkanes	*	130.000	58	200	ug/Kg
Total Tics :				720.00				
P4238-04	A4F14	Solid	Benzo(a)anthracene		77.000	J	47	200 ug/Kg
P4238-04	A4F14	Solid	Benzo(a)pyrene		73.000	J	50	200 ug/Kg
P4238-04	A4F14	Solid	Benzo(b)fluoranthene		95.000	J	50	200 ug/Kg
P4238-04	A4F14	Solid	Benzo(g,h,i)perylene		51.000	J	42	200 ug/Kg
P4238-04	A4F14	Solid	Bis(2-ethylhexyl)phthalate		72.000	J	53	200 ug/Kg
P4238-04	A4F14	Solid	Chrysene		80.000	J	54	200 ug/Kg
P4238-04	A4F14	Solid	Fluoranthene		180.000	J	53	200 ug/Kg
P4238-04	A4F14	Solid	Phenanthrene		120.000	J	53	200 ug/Kg
P4238-04	A4F14	Solid	Pyrene		140.000	J	53	200 ug/Kg
Total Svoc :				888.00				
Total Concentration:				1,608.00				
Client ID : A4F15								
P4238-05	A4F15	Solid	(DEL) Alkane: Cyclic21.062	*	290.000	J		
P4238-05	A4F15	Solid	(DEL) Alkane: Straight-Chain22.1	*	260.000	J		
P4238-05	A4F15	Solid	(DEL) Alkane: Straight-Chain25.4	*	520.000	J		
P4238-05	A4F15	Solid	4H-Cyclopenta[def]phenanthrene	*	140.000	J		
P4238-05	A4F15	Solid	Behenic alcohol	*	450.000	J		
P4238-05	A4F15	Solid	Benzophenone	*	150.000	J		
P4238-05	A4F15	Solid	n-Hexadecanoic acid	*	270.000	J		
P4238-05	A4F15	Solid	unknown-01	*	140.000	J		
P4238-05	A4F15	Solid	Total Alkanes	*	1,100.000	89	320	ug/Kg
Total Tics :				3,320.00				

Hit Summary Sheet SW-846

SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4238-05	A4F15	Solid	Acetophenone	71.000	J	71	610	ug/Kg
P4238-05	A4F15	Solid	Anthracene	82.000	J	80	320	ug/Kg
P4238-05	A4F15	Solid	Benzo(a)anthracene	460.000		73	320	ug/Kg
P4238-05	A4F15	Solid	Benzo(a)pyrene	310.000	J	78	320	ug/Kg
P4238-05	A4F15	Solid	Benzo(b)fluoranthene	900.000		78	320	ug/Kg
P4238-05	A4F15	Solid	Benzo(k)fluoranthene	290.000	J	84	320	ug/Kg
P4238-05	A4F15	Solid	Bis(2-ethylhexyl)phthalate	290.000	J	82	320	ug/Kg
P4238-05	A4F15	Solid	Chrysene	640.000		84	320	ug/Kg
P4238-05	A4F15	Solid	Dibenzo(a,h)anthracene	110.000	J	69	320	ug/Kg
P4238-05	A4F15	Solid	Fluoranthene	1,200.000		82	320	ug/Kg
P4238-05	A4F15	Solid	Indeno(1,2,3-cd)pyrene	270.000	J	69	320	ug/Kg
P4238-05	A4F15	Solid	Phenanthrene	400.000		82	320	ug/Kg
P4238-05	A4F15	Solid	Pyrene	750.000		82	320	ug/Kg

Total Svoc : 5,773.00

Total Concentration: 9,093.00

Client ID : A4F18

P4238-06	A4F18	Solid	(DEL) Alkane: Straight-Chain21.(*	170.000	J			
P4238-06	A4F18	Solid	1,1-Biphenyl, 2,2,5,5-tetrachlo *	200.000	J			
P4238-06	A4F18	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	200.000	J			
P4238-06	A4F18	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl *	150.000	J			
P4238-06	A4F18	Solid	Benzophenone *	230.000	J			
P4238-06	A4F18	Solid	n-Hexadecanoic acid *	230.000	J			
P4238-06	A4F18	Solid	Total Alkanes *	170.000		86	310	ug/Kg

Total Tics : 1,350.00

P4238-06	A4F18	Solid	Benzo(a)anthracene	120.000	J	70	310	ug/Kg
P4238-06	A4F18	Solid	Benzo(b)fluoranthene	180.000	J	75	310	ug/Kg
P4238-06	A4F18	Solid	Bis(2-ethylhexyl)phthalate	100.000	J	79	310	ug/Kg
P4238-06	A4F18	Solid	Chrysene	140.000	J	81	310	ug/Kg
P4238-06	A4F18	Solid	Fluoranthene	240.000	J	79	310	ug/Kg
P4238-06	A4F18	Solid	Phenanthrene	120.000	J	79	310	ug/Kg
P4238-06	A4F18	Solid	Pyrene	180.000	J	79	310	ug/Kg

Total Svoc : 1,080.00

Total Concentration: 2,430.00

Client ID : A4EY0

P4238-08	A4EY0	Solid	(DEL) Alkane: Straight-Chain22.1 *	180.000	J			
P4238-08	A4EY0	Solid	1-Triacontanol *	460.000	J			
P4238-08	A4EY0	Solid	11H-Benzo[b]fluorene *	110.000	J			
P4238-08	A4EY0	Solid	4H-Cyclopenta[def]phenanthrene *	160.000	J			
P4238-08	A4EY0	Solid	9,10-Anthracenedione *	92.000	J			

Hit Summary Sheet SW-846

SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4238-08	A4EY0	Solid	Benzophenone	*	110.000	J		
P4238-08	A4EY0	Solid	Hexadecenoic acid, Z-11-	*	130.000	J		
P4238-08	A4EY0	Solid	n-Hexadecanoic acid	*	600.000	J		
P4238-08	A4EY0	Solid	Oxirane, hexadecyl-	*	420.000	J		
P4238-08	A4EY0	Solid	Pentadecafluorooctanoic acid, octa	*	240.000	J		
P4238-08	A4EY0	Solid	Total Alkanes	*	180.000	62	220	ug/Kg
Total Tics :				2,682.00				
P4238-08	A4EY0	Solid	Acetophenone		53.000	J 49	420	ug/Kg
P4238-08	A4EY0	Solid	Anthracene		99.000	J 55	220	ug/Kg
P4238-08	A4EY0	Solid	Benzo(a)anthracene		480.000	50	220	ug/Kg
P4238-08	A4EY0	Solid	Benzo(a)pyrene		300.000	54	220	ug/Kg
P4238-08	A4EY0	Solid	Benzo(b)fluoranthene		840.000	54	220	ug/Kg
P4238-08	A4EY0	Solid	Benzo(k)fluoranthene		270.000	58	220	ug/Kg
P4238-08	A4EY0	Solid	Bis(2-ethylhexyl)phthalate		240.000	57	220	ug/Kg
P4238-08	A4EY0	Solid	Carbazole		58.000	J 58	420	ug/Kg
P4238-08	A4EY0	Solid	Chrysene		620.000	58	220	ug/Kg
P4238-08	A4EY0	Solid	Dibenzo(a,h)anthracene		100.000	J 48	220	ug/Kg
P4238-08	A4EY0	Solid	Fluoranthene		1,200.000	57	220	ug/Kg
P4238-08	A4EY0	Solid	Indeno(1,2,3-cd)pyrene		260.000	48	220	ug/Kg
P4238-08	A4EY0	Solid	Phenanthrene		470.000	57	220	ug/Kg
P4238-08	A4EY0	Solid	Pyrene		760.000	57	220	ug/Kg
Total Svoc :				5,750.00				
Total Concentration:				8,432.00				
Client ID : A4EY5								
P4238-09	A4EY5	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	110.000	J		
P4238-09	A4EY5	Solid	4H-Cyclopenta[def]phenanthrene	*	180.000	J		
P4238-09	A4EY5	Solid	Benzophenone	*	110.000	J		
P4238-09	A4EY5	Solid	n-Hexadecanoic acid	*	190.000	J		
P4238-09	A4EY5	Solid	Pentadecafluorooctanoic acid, octa	*	120.000	J		
P4238-09	A4EY5	Solid	Total Alkanes	*	0.000	67	240	ug/Kg
Total Tics :				710.00				
P4238-09	A4EY5	Solid	Anthracene		91.000	J 60	240	ug/Kg
P4238-09	A4EY5	Solid	Benzo(a)anthracene		320.000	54	240	ug/Kg
P4238-09	A4EY5	Solid	Benzo(a)pyrene		180.000	J 58	240	ug/Kg
P4238-09	A4EY5	Solid	Benzo(b)fluoranthene		450.000	58	240	ug/Kg
P4238-09	A4EY5	Solid	Benzo(k)fluoranthene		140.000	J 63	240	ug/Kg
P4238-09	A4EY5	Solid	Bis(2-ethylhexyl)phthalate		190.000	J 61	240	ug/Kg
P4238-09	A4EY5	Solid	Chrysene		340.000	63	240	ug/Kg
P4238-09	A4EY5	Solid	Dibenzo(a,h)anthracene		59.000	J 51	240	ug/Kg
P4238-09	A4EY5	Solid	Fluoranthene		730.000	61	240	ug/Kg

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4238-09	A4EY5	Solid	Indeno(1,2,3-cd)pyrene	130.000	J	51	240	ug/Kg
P4238-09	A4EY5	Solid	Phenanthrene	430.000		61	240	ug/Kg
P4238-09	A4EY5	Solid	Pyrene	490.000		61	240	ug/Kg
Total Svoc :				3,550.00				
Total Concentration:				4,260.00				
Client ID : A4EY6								
P4238-10	A4EY6	Solid	(DEL) Alkane: Straight-Chain21.0	140.000	J			
P4238-10	A4EY6	Solid	Benzophenone	180.000	J			
P4238-10	A4EY6	Solid	n-Hexadecanoic acid	180.000	J			
P4238-10	A4EY6	Solid	Total Alkanes	140.000		78	280	ug/Kg
Total Tics :				640.00				
P4238-10	A4EY6	Solid	Fluoranthene	71.000	J	71	280	ug/Kg
Total Svoc :				71.00				
Total Concentration:				711.00				
Client ID : A4EY7								
P4238-11	A4EY7	Solid	(DEL) Alkane: Cyclic23.592	1,200.000	J			
P4238-11	A4EY7	Solid	(DEL) Alkane: Straight-Chain18.0	98.000	J			
P4238-11	A4EY7	Solid	(DEL) Alkane: Straight-Chain22.1	400.000	J			
P4238-11	A4EY7	Solid	(DEL) Alkane: Straight-Chain25.4	1,300.000	J			
P4238-11	A4EY7	Solid	(E)-Hexadec-9-enoic acid	200.000	J			
P4238-11	A4EY7	Solid	11H-Benzo[a]fluoren-11-one	89.000	J			
P4238-11	A4EY7	Solid	11H-Benzo[b]fluorene	200.000	J			
P4238-11	A4EY7	Solid	2-Pentanone, 4-hydroxy-4-methyl	94.000	A			
P4238-11	A4EY7	Solid	4H-Cyclopenta[def]phenanthrene	300.000	J			
P4238-11	A4EY7	Solid	9,10-Anthracenedione	190.000	J			
P4238-11	A4EY7	Solid	Anthracene, 2-methyl-	100.000	J			
P4238-11	A4EY7	Solid	Benzene, 1,1-(1,2-cyclobutanediyl)	170.000	J			
P4238-11	A4EY7	Solid	Benzophenone	180.000	J			
P4238-11	A4EY7	Solid	Cyclopenta(cd)pyrene, 3,4-dihydro	180.000	J			
P4238-11	A4EY7	Solid	Cyclopenta(def)phenanthrenone	120.000	J			
P4238-11	A4EY7	Solid	Methadone N-oxide	140.000	J			
P4238-11	A4EY7	Solid	n-Hexadecanoic acid	1,200.000	J			
P4238-11	A4EY7	Solid	Naphthalene, 2-phenyl-	89.000	J			
P4238-11	A4EY7	Solid	Octadecanal	830.000	J			
P4238-11	A4EY7	Solid	Octadecanoic acid	86.000	J			
P4238-11	A4EY7	Solid	Oxirane, hexadecyl-	1,400.000	J			
P4238-11	A4EY7	Solid	Palmitoleic acid	240.000	J			
P4238-11	A4EY7	Solid	Pentadecafluorooctanoic acid, octadecyl-	680.000	J			
P4238-11	A4EY7	Solid	Phenanthrene, 2,5-dimethyl-	94.000	J			

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4238-11	A4EY7	Solid	Triacetyl acetate	*	1,100.000	J		
P4238-11	A4EY7	Solid	Total Alkanes	*	3,000.000	61	220	ug/Kg
Total Tics :				13,680.00				
P4238-11	A4EY7	Solid	Acenaphthene		57.000	J	52	220 ug/Kg
P4238-11	A4EY7	Solid	Acenaphthylene		95.000	J	54	220 ug/Kg
P4238-11	A4EY7	Solid	Acetophenone		60.000	J	48	420 ug/Kg
P4238-11	A4EY7	Solid	Anthracene		200.000	J	54	220 ug/Kg
P4238-11	A4EY7	Solid	Benzo(a)anthracene		950.000		49	220 ug/Kg
P4238-11	A4EY7	Solid	Benzo(a)pyrene		590.000		53	220 ug/Kg
P4238-11	A4EY7	Solid	Benzo(b)fluoranthene		1,600.000		53	220 ug/Kg
P4238-11	A4EY7	Solid	Benzo(g,h,i)perylene		83.000	J	44	220 ug/Kg
P4238-11	A4EY7	Solid	Benzo(k)fluoranthene		490.000		57	220 ug/Kg
P4238-11	A4EY7	Solid	Bis(2-ethylhexyl)phthalate		520.000		56	220 ug/Kg
P4238-11	A4EY7	Solid	Carbazole		120.000	J	57	420 ug/Kg
P4238-11	A4EY7	Solid	Chrysene		1,200.000		57	220 ug/Kg
P4238-11	A4EY7	Solid	Dibenzo(a,h)anthracene		200.000	J	47	220 ug/Kg
P4238-11	A4EY7	Solid	Fluoranthene		2,400.000		56	220 ug/Kg
P4238-11	A4EY7	Solid	Fluorene		61.000	J	57	220 ug/Kg
P4238-11	A4EY7	Solid	Indeno(1,2,3-cd)pyrene		510.000		47	220 ug/Kg
P4238-11	A4EY7	Solid	Phenanthrene		930.000		56	220 ug/Kg
P4238-11	A4EY7	Solid	Pyrene		1,600.000		56	220 ug/Kg
Total Svoc :				11,666.00				
Total Concentration:				25,346.00				
Client ID : A4EY8								
P4238-12	A4EY8	Solid	(DEL) Alkane: Cyclic21.062	*	190.000	J		
P4238-12	A4EY8	Solid	(DEL) Alkane: Straight-Chain22.1	*	180.000	J		
P4238-12	A4EY8	Solid	11H-Benzo[b]fluorene	*	110.000	J		
P4238-12	A4EY8	Solid	4H-Cyclopenta[def]phenanthrene	*	200.000	J		
P4238-12	A4EY8	Solid	Benzophenone	*	120.000	J		
P4238-12	A4EY8	Solid	n-Hexadecanoic acid	*	360.000	J		
P4238-12	A4EY8	Solid	Total Alkanes	*	370.000	72	250	ug/Kg
Total Tics :				1,530.00				
P4238-12	A4EY8	Solid	Anthracene		120.000	J	64	250 ug/Kg
P4238-12	A4EY8	Solid	Benzo(a)anthracene		520.000		58	250 ug/Kg
P4238-12	A4EY8	Solid	Benzo(a)pyrene		300.000		63	250 ug/Kg
P4238-12	A4EY8	Solid	Benzo(b)fluoranthene		800.000		63	250 ug/Kg
P4238-12	A4EY8	Solid	Benzo(k)fluoranthene		250.000		67	250 ug/Kg
P4238-12	A4EY8	Solid	Bis(2-ethylhexyl)phthalate		360.000		66	250 ug/Kg
P4238-12	A4EY8	Solid	Chrysene		590.000		67	250 ug/Kg
P4238-12	A4EY8	Solid	Dibenzo(a,h)anthracene		99.000	J	55	250 ug/Kg

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4238-12	A4EY8	Solid	Fluoranthene	1,200.000		66	250	ug/Kg
P4238-12	A4EY8	Solid	Indeno(1,2,3-cd)pyrene	240.000	J	55	250	ug/Kg
P4238-12	A4EY8	Solid	Phenanthrene	540.000		66	250	ug/Kg
P4238-12	A4EY8	Solid	Pyrene	790.000		66	250	ug/Kg
Total Svoc :				5,809.00				
Total Concentration:				7,339.00				
Client ID : A4EZ5								
P4238-13	A4EZ5	Solid	1-Hexadecanol, 2-methyl-	*	180.000	J		
P4238-13	A4EZ5	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		
P4238-13	A4EZ5	Solid	Benzophenone	*	130.000	J		
P4238-13	A4EZ5	Solid	n-Hexadecanoic acid	*	220.000	J		
P4238-13	A4EZ5	Solid	Total Alkanes	*	0.000	86	310	ug/Kg
Total Tics :				660.00				
P4238-13	A4EZ5	Solid	Anthracene		90.000	J	77	ug/Kg
P4238-13	A4EZ5	Solid	Benzo(a)anthracene		440.000		70	ug/Kg
P4238-13	A4EZ5	Solid	Benzo(a)pyrene		260.000	J	75	ug/Kg
P4238-13	A4EZ5	Solid	Benzo(b)fluoranthene		730.000		75	ug/Kg
P4238-13	A4EZ5	Solid	Benzo(k)fluoranthene		220.000	J	81	ug/Kg
P4238-13	A4EZ5	Solid	Bis(2-ethylhexyl)phthalate		270.000	J	79	ug/Kg
P4238-13	A4EZ5	Solid	Chrysene		530.000		81	ug/Kg
P4238-13	A4EZ5	Solid	Dibenzo(a,h)anthracene		88.000	J	66	ug/Kg
P4238-13	A4EZ5	Solid	Fluoranthene	1,100.000		79	310	ug/Kg
P4238-13	A4EZ5	Solid	Indeno(1,2,3-cd)pyrene	220.000	J	66	310	ug/Kg
P4238-13	A4EZ5	Solid	Phenanthrene	440.000		79	310	ug/Kg
P4238-13	A4EZ5	Solid	Pyrene	690.000		79	310	ug/Kg
Total Svoc :				5,078.00				
Total Concentration:				5,738.00				
Client ID : A4EZ6								
P4238-14	A4EZ6	Solid	4H-Cyclopenta[def]phenanthrene	*	150.000	J		
P4238-14	A4EZ6	Solid	Benzophenone	*	320.000	J		
P4238-14	A4EZ6	Solid	n-Hexadecanoic acid	*	300.000	J		
P4238-14	A4EZ6	Solid	Pentadecafluorooctanoic acid, octa	*	220.000	J		
P4238-14	A4EZ6	Solid	Total Alkanes	*	0.000	86	300	ug/Kg
Total Tics :				990.00				
P4238-14	A4EZ6	Solid	Anthracene		92.000	J	77	ug/Kg
P4238-14	A4EZ6	Solid	Benzo(a)anthracene		480.000		70	ug/Kg
P4238-14	A4EZ6	Solid	Benzo(a)pyrene		280.000	J	75	ug/Kg
P4238-14	A4EZ6	Solid	Benzo(b)fluoranthene		810.000		75	ug/Kg
P4238-14	A4EZ6	Solid	Benzo(k)fluoranthene		240.000	J	80	ug/Kg
P4238-14	A4EZ6	Solid	Bis(2-ethylhexyl)phthalate		320.000		78	ug/Kg

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4238-14	A4EZ6	Solid	Chrysene	580.000		80	300	ug/Kg
P4238-14	A4EZ6	Solid	Dibenzo(a,h)anthracene	99.000	J	66	300	ug/Kg
P4238-14	A4EZ6	Solid	Fluoranthene	1,200.000		78	300	ug/Kg
P4238-14	A4EZ6	Solid	Indeno(1,2,3-cd)pyrene	240.000	J	66	300	ug/Kg
P4238-14	A4EZ6	Solid	Phenanthrene	460.000		78	300	ug/Kg
P4238-14	A4EZ6	Solid	Pyrene	760.000		78	300	ug/Kg
Total Svoc :				5,561.00				
Total Concentration:				6,551.00				

Client ID : A4EZ7

P4238-15	A4EZ7	Solid	1,1-Biphenyl, 2,2,4,4-tetrachlo	*	140.000	J		
P4238-15	A4EZ7	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	95.000	J		
P4238-15	A4EZ7	Solid	Benzophenone	*	440.000	J		
P4238-15	A4EZ7	Solid	n-Hexadecanoic acid	*	390.000	J		
P4238-15	A4EZ7	Solid	Pentadecafluorooctanoic acid, hex	*	180.000	J		
P4238-15	A4EZ7	Solid	Total Alkanes	*	0.000		61	220 ug/Kg
Total Tics :				1,245.00				
P4238-15	A4EZ7	Solid	Benzo(a)anthracene		160.000	J	49	220 ug/Kg
P4238-15	A4EZ7	Solid	Benzo(a)pyrene		160.000	J	53	220 ug/Kg
P4238-15	A4EZ7	Solid	Benzo(b)fluoranthene		210.000	J	53	220 ug/Kg
P4238-15	A4EZ7	Solid	Benzo(g,h,i)perylene		110.000	J	44	220 ug/Kg
P4238-15	A4EZ7	Solid	Benzo(k)fluoranthene		64.000	J	57	220 ug/Kg
P4238-15	A4EZ7	Solid	Bis(2-ethylhexyl)phthalate		110.000	J	56	220 ug/Kg
P4238-15	A4EZ7	Solid	Chrysene		170.000	J	57	220 ug/Kg
P4238-15	A4EZ7	Solid	Fluoranthene		340.000		56	220 ug/Kg
P4238-15	A4EZ7	Solid	Indeno(1,2,3-cd)pyrene		88.000	J	47	220 ug/Kg
P4238-15	A4EZ7	Solid	Phenanthrene		210.000	J	56	220 ug/Kg
P4238-15	A4EZ7	Solid	Pyrene		310.000		56	220 ug/Kg
Total Svoc :				1,932.00				
Total Concentration:				3,177.00				

Client ID : A4F00

P4238-16	A4F00	Solid	11H-Benzo[b]fluorene	*	180.000	J		
P4238-16	A4F00	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	130.000	J		
P4238-16	A4F00	Solid	4H-Cyclopenta[def]phenanthrene	*	510.000	J		
P4238-16	A4F00	Solid	9,10-Dimethylanthracene	*	160.000	J		
P4238-16	A4F00	Solid	Benzo[e]pyrene	*	230.000	J		
P4238-16	A4F00	Solid	Benzophenone	*	290.000	J		
P4238-16	A4F00	Solid	n-Hexadecanoic acid	*	460.000	J		
P4238-16	A4F00	Solid	Naphthalene, 2-phenyl-	*	190.000	J		
P4238-16	A4F00	Solid	Pentadecafluorooctanoic acid, oct:	*	260.000	J		

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4238-16	A4F00	Solid	Phenanthrene, 1-methyl-	*	170.000	J		
P4238-16	A4F00	Solid	Phenanthrene, 2,5-dimethyl-	*	130.000	J		
P4238-16	A4F00	Solid	Phenanthrene, 2-methyl-	*	300.000	J		
P4238-16	A4F00	Solid	Pyrene, 1-methyl-	*	140.000	J		
P4238-16	A4F00	Solid	unknown-01	*	130.000	J		
P4238-16	A4F00	Solid	Total Alkanes	*	0.000	85	300	ug/Kg
Total Tics :				3,280.00				
P4238-16	A4F00	Solid	Acenaphthylene		110.000	J 76	300	ug/Kg
P4238-16	A4F00	Solid	Anthracene		310.000	76	300	ug/Kg
P4238-16	A4F00	Solid	Benzo(a)anthracene		780.000	69	300	ug/Kg
P4238-16	A4F00	Solid	Benzo(a)pyrene		640.000	75	300	ug/Kg
P4238-16	A4F00	Solid	Benzo(b)fluoranthene		810.000	75	300	ug/Kg
P4238-16	A4F00	Solid	Benzo(g,h,i)perylene		370.000	62	300	ug/Kg
P4238-16	A4F00	Solid	Benzo(k)fluoranthene		260.000	J 80	300	ug/Kg
P4238-16	A4F00	Solid	Bis(2-ethylhexyl)phthalate		140.000	J 78	300	ug/Kg
P4238-16	A4F00	Solid	Chrysene		650.000	80	300	ug/Kg
P4238-16	A4F00	Solid	Dibenzo(a,h)anthracene		110.000	J 66	300	ug/Kg
P4238-16	A4F00	Solid	Fluoranthene		1,700.000	78	300	ug/Kg
P4238-16	A4F00	Solid	Fluorene		99.000	J 80	300	ug/Kg
P4238-16	A4F00	Solid	Indeno(1,2,3-cd)pyrene		320.000	66	300	ug/Kg
P4238-16	A4F00	Solid	Phenanthrene		1,100.000	78	300	ug/Kg
P4238-16	A4F00	Solid	Pyrene		1,400.000	78	300	ug/Kg
Total Svoc :				8,799.00				
Total Concentration:				12,079.00				
Client ID : A4F01								
P4238-17	A4F01	Solid	(DEL) Alkane: Straight-Chain21.(	*	130.000	J		
P4238-17	A4F01	Solid	Benzophenone	*	180.000	J		
P4238-17	A4F01	Solid	n-Hexadecanoic acid	*	160.000	J		
P4238-17	A4F01	Solid	unknown-01	*	110.000	J		
P4238-17	A4F01	Solid	Total Alkanes	*	130.000	73	260	ug/Kg
Total Tics :				710.00				
P4238-17	A4F01	Solid	Anthracene		65.000	J 65	260	ug/Kg
P4238-17	A4F01	Solid	Benzo(a)anthracene		150.000	J 59	260	ug/Kg
P4238-17	A4F01	Solid	Benzo(a)pyrene		130.000	J 64	260	ug/Kg
P4238-17	A4F01	Solid	Benzo(b)fluoranthene		170.000	J 64	260	ug/Kg
P4238-17	A4F01	Solid	Benzo(g,h,i)perylene		75.000	J 53	260	ug/Kg
P4238-17	A4F01	Solid	Chrysene		150.000	J 68	260	ug/Kg
P4238-17	A4F01	Solid	Fluoranthene		330.000	67	260	ug/Kg
P4238-17	A4F01	Solid	Indeno(1,2,3-cd)pyrene		63.000	J 56	260	ug/Kg
P4238-17	A4F01	Solid	Phenanthrene		250.000	J 67	260	ug/Kg

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4238-17	A4F01	Solid	Pyrene	260.000		67	260	ug/Kg
Total Svoc :				1,643.00				
Total Concentration:				2,353.00				
Client ID : A4F02								
P4238-18	A4F02	Solid	n-Hexadecanoic acid	*	130.000	J		
P4238-18	A4F02	Solid	Total Alkanes	*	0.000	83	300	ug/Kg
Total Tics :				130.00				
P4238-18	A4F02	Solid	Benzo(a)anthracene		150.000	J	68	300 ug/Kg
P4238-18	A4F02	Solid	Benzo(a)pyrene		79.000	J	73	300 ug/Kg
P4238-18	A4F02	Solid	Benzo(b)fluoranthene		200.000	J	73	300 ug/Kg
P4238-18	A4F02	Solid	Bis(2-ethylhexyl)phthalate		390.000		76	300 ug/Kg
P4238-18	A4F02	Solid	Chrysene		170.000	J	78	300 ug/Kg
P4238-18	A4F02	Solid	Fluoranthene		330.000		76	300 ug/Kg
P4238-18	A4F02	Solid	Phenanthrene		190.000	J	76	300 ug/Kg
P4238-18	A4F02	Solid	Pyrene		220.000	J	76	300 ug/Kg
Total Svoc :				1,729.00				
Total Concentration:				1,859.00				
Client ID : A4F06								
P4238-19	A4F06	Solid	(DEL) Alkane: Straight-Chain21.0	*	120.000	J		
P4238-19	A4F06	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	A		
P4238-19	A4F06	Solid	Benzophenone	*	120.000	J		
P4238-19	A4F06	Solid	n-Hexadecanoic acid	*	190.000	J		
P4238-19	A4F06	Solid	Total Alkanes	*	120.000	79	280	ug/Kg
Total Tics :				770.00				
P4238-19	A4F06	Solid	Benzo(a)anthracene		140.000	J	65	280 ug/Kg
P4238-19	A4F06	Solid	Benzo(a)pyrene		74.000	J	70	280 ug/Kg
P4238-19	A4F06	Solid	Benzo(b)fluoranthene		160.000	J	70	280 ug/Kg
P4238-19	A4F06	Solid	Bis(2-ethylhexyl)phthalate		110.000	J	73	280 ug/Kg
P4238-19	A4F06	Solid	Chrysene		140.000	J	75	280 ug/Kg
P4238-19	A4F06	Solid	Fluoranthene		290.000		73	280 ug/Kg
P4238-19	A4F06	Solid	Phenanthrene		160.000	J	73	280 ug/Kg
P4238-19	A4F06	Solid	Pyrene		200.000	J	73	280 ug/Kg
Total Svoc :				1,274.00				
Total Concentration:				2,044.00				
Client ID : A4F07								
P4238-20	A4F07	Solid	(DEL) Alkane: Straight-Chain22.1	*	230.000	J		
P4238-20	A4F07	Solid	n-Hexadecanoic acid	*	210.000	J		
P4238-20	A4F07	Solid	Pentadecafluorooctanoic acid, octa	*	170.000	J		
P4238-20	A4F07	Solid	Total Alkanes	*	230.000	96	340	ug/Kg

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				840.00				
P4238-20	A4F07	Solid	Benzo(a)anthracene	320.000	J	78	340	ug/Kg
P4238-20	A4F07	Solid	Benzo(a)pyrene	190.000	J	84	340	ug/Kg
P4238-20	A4F07	Solid	Benzo(b)fluoranthene	550.000		84	340	ug/Kg
P4238-20	A4F07	Solid	Benzo(k)fluoranthene	190.000	J	90	340	ug/Kg
P4238-20	A4F07	Solid	Bis(2-ethylhexyl)phthalate	240.000	J	88	340	ug/Kg
P4238-20	A4F07	Solid	Chrysene	410.000		90	340	ug/Kg
P4238-20	A4F07	Solid	Fluoranthene	770.000		88	340	ug/Kg
P4238-20	A4F07	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	74	340	ug/Kg
P4238-20	A4F07	Solid	Phenanthrene	310.000	J	88	340	ug/Kg
P4238-20	A4F07	Solid	Pyrene	490.000		88	340	ug/Kg
Total Svoc :				3,630.00				
Total Concentration:				4,470.00				
Client ID : A4F08								
P4239-01	A4F08	Solid	Benzophenone	*	97.000	J		
P4239-01	A4F08	Solid	n-Hexadecanoic acid	*	130.000	J		
P4239-01	A4F08	Solid	Total Alkanes	*	0.000		58	210 ug/Kg
P4239-01	A4F08	Solid	(DEL) Alkane: Straight-Chain21.(	*	82.000	J		
P4239-01	A4F08	Solid	Benzophenone	*	95.000	J		
P4239-01	A4F08	Solid	n-Hexadecanoic acid	*	200.000	J		
P4239-01	A4F08	Solid	Total Alkanes	*	82.000		58	210 ug/Kg
Total Tics :				686.00				
P4239-01	A4F08	Solid	Benzo(a)anthracene		64.000	J	47	210 ug/Kg
P4239-01	A4F08	Solid	Benzo(b)fluoranthene		76.000	J	51	210 ug/Kg
P4239-01	A4F08	Solid	Chrysene		68.000	J	55	210 ug/Kg
P4239-01	A4F08	Solid	Fluoranthene		150.000	J	54	210 ug/Kg
P4239-01	A4F08	Solid	Phenanthrene		95.000	J	54	210 ug/Kg
P4239-01	A4F08	Solid	Pyrene		100.000	J	54	210 ug/Kg
P4239-01	A4F08	Solid	Benzo(a)anthracene		64.000	J	47	210 ug/Kg
P4239-01	A4F08	Solid	Benzo(b)fluoranthene		77.000	J	51	210 ug/Kg
P4239-01	A4F08	Solid	Chrysene		68.000	J	55	210 ug/Kg
P4239-01	A4F08	Solid	Fluoranthene		150.000	J	54	210 ug/Kg
P4239-01	A4F08	Solid	Phenanthrene		95.000	J	54	210 ug/Kg
P4239-01	A4F08	Solid	Pyrene		100.000	J	54	210 ug/Kg
Total Svoc :				1,107.00				
Total Concentration:				1,793.00				
Client ID : A4EG1								
P4239-05	A4EG1	Solid	(DEL) Alkane: Straight-Chain22.1	*	120.000	J		
P4239-05	A4EG1	Solid	4H-Cyclopenta[def]phenanthrene	*	140.000	J		
P4239-05	A4EG1	Solid	Benzophenone	*	140.000	J		

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4239-05	A4EG1	Solid	Ethanol, 2-(tetradecyloxy)-	*	200.000	J		
P4239-05	A4EG1	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P4239-05	A4EG1	Solid	n-Hexadecanoic acid	*	350.000	J		
P4239-05	A4EG1	Solid	Total Alkanes	*	120.000	71	250	ug/Kg
Total Tics :				1,190.00				
P4239-05	A4EG1	Solid	Anthracene		84.000	J 64	250	ug/Kg
P4239-05	A4EG1	Solid	Benzo(a)anthracene		470.000	58	250	ug/Kg
P4239-05	A4EG1	Solid	Benzo(a)pyrene		310.000	63	250	ug/Kg
P4239-05	A4EG1	Solid	Benzo(b)fluoranthene		810.000	63	250	ug/Kg
P4239-05	A4EG1	Solid	Benzo(k)fluoranthene		240.000	J 67	250	ug/Kg
P4239-05	A4EG1	Solid	Bis(2-ethylhexyl)phthalate		470.000	65	250	ug/Kg
P4239-05	A4EG1	Solid	Chrysene		590.000	67	250	ug/Kg
P4239-05	A4EG1	Solid	Dibenzo(a,h)anthracene		100.000	J 55	250	ug/Kg
P4239-05	A4EG1	Solid	Fluoranthene		1,100.000	65	250	ug/Kg
P4239-05	A4EG1	Solid	Indeno(1,2,3-cd)pyrene		260.000	55	250	ug/Kg
P4239-05	A4EG1	Solid	Phenanthrene		440.000	65	250	ug/Kg
P4239-05	A4EG1	Solid	Pyrene		760.000	65	250	ug/Kg

Total Svoc : 5,634.00

Total Concentration: 6,824.00

Client ID : A4EG2

P4239-06	A4EG2	Solid	(DEL) Alkane: Cyclic21.062	*	190.000	J		
P4239-06	A4EG2	Solid	(DEL) Alkane: Straight-Chain22.1	*	110.000	J		
P4239-06	A4EG2	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J		
P4239-06	A4EG2	Solid	9,10-Anthracenedione	*	100.000	J		
P4239-06	A4EG2	Solid	Benzophenone	*	130.000	J		
P4239-06	A4EG2	Solid	n-Hexadecanoic acid	*	290.000	J		
P4239-06	A4EG2	Solid	unknown-01	*	280.000	J		
P4239-06	A4EG2	Solid	Total Alkanes	*	300.000	72	250	ug/Kg
Total Tics :				1,560.00				
P4239-06	A4EG2	Solid	Anthracene		100.000	J 64	250	ug/Kg
P4239-06	A4EG2	Solid	Benzo(a)anthracene		510.000	58	250	ug/Kg
P4239-06	A4EG2	Solid	Benzo(a)pyrene		340.000	63	250	ug/Kg
P4239-06	A4EG2	Solid	Benzo(b)fluoranthene		850.000	63	250	ug/Kg
P4239-06	A4EG2	Solid	Benzo(k)fluoranthene		270.000	67	250	ug/Kg
P4239-06	A4EG2	Solid	Bis(2-ethylhexyl)phthalate		290.000	66	250	ug/Kg
P4239-06	A4EG2	Solid	Carbazole		68.000	J 67	490	ug/Kg
P4239-06	A4EG2	Solid	Chrysene		630.000	67	250	ug/Kg
P4239-06	A4EG2	Solid	Dibenzo(a,h)anthracene		100.000	J 55	250	ug/Kg
P4239-06	A4EG2	Solid	Fluoranthene		1,200.000	66	250	ug/Kg
P4239-06	A4EG2	Solid	Indeno(1,2,3-cd)pyrene		270.000	55	250	ug/Kg

Hit Summary Sheet

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4239-06	A4EG2	Solid	Phenanthrene	530.000	66		250	ug/Kg
P4239-06	A4EG2	Solid	Pyrene	820.000	66		250	ug/Kg
Total Svoc :				5,978.00				
Total Concentration:				7,538.00				

Client ID : A4EG3

P4239-07	A4EG3	Solid	(DEL) Alkane: Cyclic21.062	*	99.000	J			
P4239-07	A4EG3	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J			
P4239-07	A4EG3	Solid	Benzophenone	*	120.000	J			
P4239-07	A4EG3	Solid	Hexanedioic acid, bis(2-ethylhexy	*	910.000	J			
P4239-07	A4EG3	Solid	n-Hexadecanoic acid	*	170.000	J			
P4239-07	A4EG3	Solid	Total Alkanes	*	99.000		70	250	ug/Kg
Total Tics :					1,518.00				
P4239-07	A4EG3	Solid	Benzo(a)anthracene		220.000	J	57	250	ug/Kg
P4239-07	A4EG3	Solid	Benzo(a)pyrene		130.000	J	61	250	ug/Kg
P4239-07	A4EG3	Solid	Benzo(b)fluoranthene		290.000		61	250	ug/Kg
P4239-07	A4EG3	Solid	Benzo(k)fluoranthene		110.000	J	65	250	ug/Kg
P4239-07	A4EG3	Solid	Bis(2-ethylhexyl)phthalate		170.000	J	64	250	ug/Kg
P4239-07	A4EG3	Solid	Chrysene		240.000	J	65	250	ug/Kg
P4239-07	A4EG3	Solid	Fluoranthene		520.000		64	250	ug/Kg
P4239-07	A4EG3	Solid	Indeno(1,2,3-cd)pyrene		92.000	J	54	250	ug/Kg
P4239-07	A4EG3	Solid	Phenanthrene		290.000		64	250	ug/Kg
P4239-07	A4EG3	Solid	Pyrene		350.000		64	250	ug/Kg
Total Svoc :					2,412.00				
Total Concentration:					3,930.00				

Client ID : A4EG7

P4239-08	A4EG7	Solid	(DEL) Alkane: Straight-Chain21.(	*	120.000	J			
P4239-08	A4EG7	Solid	Benzophenone	*	250.000	J			
P4239-08	A4EG7	Solid	n-Hexadecanoic acid	*	190.000	J			
P4239-08	A4EG7	Solid	unknown-01	*	130.000	J			
P4239-08	A4EG7	Solid	Total Alkanes	*	120.000		73	260	ug/Kg
P4239-08	A4EG7	Solid	Benzophenone	*	290.000	J			
P4239-08	A4EG7	Solid	n-Hexadecanoic acid	*	380.000	J			
P4239-08	A4EG7	Solid	n-Nonadecanol-1	*	130.000	J			
P4239-08	A4EG7	Solid	Octadecanoic acid	*	140.000	J			
P4239-08	A4EG7	Solid	unknown-01	*	160.000	J			
P4239-08	A4EG7	Solid	Total Alkanes	*	0.000		73	260	ug/Kg
Total Tics :					1,910.00				
Total Concentration:					1,910.00				

Client ID : A4ET3

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4239-09	A4ET3	Solid	2-Chlorocyclohexanol	*	540.000	J		
P4239-09	A4ET3	Solid	2-Cyclohexen-1-one	*	890.000	J		
P4239-09	A4ET3	Solid	Cyclohexene	*	11,000.000	J		
P4239-09	A4ET3	Solid	n-Hexadecanoic acid	*	180.000	J		
P4239-09	A4ET3	Solid	unknown-01	*	180.000	J		
P4239-09	A4ET3	Solid	Total Alkanes	*	0.000	110	400	ug/Kg
P4239-09	A4ET3	Solid	2-Chlorocyclohexanol	*	710.000	J		
P4239-09	A4ET3	Solid	2-Cyclohexen-1-one	*	1,200.000	J		
P4239-09	A4ET3	Solid	Benzophenone	*	170.000	J		
P4239-09	A4ET3	Solid	Cyclohexene	*	17,000.000	J		
P4239-09	A4ET3	Solid	n-Hexadecanoic acid	*	340.000	J		
P4239-09	A4ET3	Solid	unknown-01	*	240.000	J		
P4239-09	A4ET3	Solid	Total Alkanes	*	0.000	110	400	ug/Kg
Total Tics :				32,450.00				
P4239-09	A4ET3	Solid	Benzo(a)anthracene		230.000	J	91	400 ug/Kg
P4239-09	A4ET3	Solid	Benzo(a)pyrene		150.000	J	98	400 ug/Kg
P4239-09	A4ET3	Solid	Benzo(b)fluoranthene		400.000	J	98	400 ug/Kg
P4239-09	A4ET3	Solid	Benzo(k)fluoranthene		130.000	J	110	400 ug/Kg
P4239-09	A4ET3	Solid	Bis(2-ethylhexyl)phthalate		130.000	J	100	400 ug/Kg
P4239-09	A4ET3	Solid	Chrysene		300.000	J	110	400 ug/Kg
P4239-09	A4ET3	Solid	Fluoranthene		550.000	J	100	400 ug/Kg
P4239-09	A4ET3	Solid	Indeno(1,2,3-cd)pyrene		120.000	J	87	400 ug/Kg
P4239-09	A4ET3	Solid	Phenanthrene		220.000	J	100	400 ug/Kg
P4239-09	A4ET3	Solid	Pyrene		370.000	J	100	400 ug/Kg
P4239-09	A4ET3	Solid	Benzo(a)anthracene		290.000	J	91	400 ug/Kg
P4239-09	A4ET3	Solid	Benzo(a)pyrene		180.000	J	98	400 ug/Kg
P4239-09	A4ET3	Solid	Benzo(b)fluoranthene		490.000	J	98	400 ug/Kg
P4239-09	A4ET3	Solid	Benzo(k)fluoranthene		180.000	J	110	400 ug/Kg
P4239-09	A4ET3	Solid	Bis(2-ethylhexyl)phthalate		170.000	J	100	400 ug/Kg
P4239-09	A4ET3	Solid	Chrysene		370.000	J	110	400 ug/Kg
P4239-09	A4ET3	Solid	Fluoranthene		690.000	J	100	400 ug/Kg
P4239-09	A4ET3	Solid	Indeno(1,2,3-cd)pyrene		140.000	J	87	400 ug/Kg
P4239-09	A4ET3	Solid	Phenanthrene		270.000	J	100	400 ug/Kg
P4239-09	A4ET3	Solid	Pyrene		460.000	J	100	400 ug/Kg
Total Svoc :				5,840.00				
Total Concentration:				38,290.00				
Client ID : A4ET4								
P4239-10	A4ET4	Solid	2-Chlorocyclohexanol	*	400.000	J		
P4239-10	A4ET4	Solid	2-Cyclohexen-1-one	*	660.000	J		
P4239-10	A4ET4	Solid	4H-Cyclopenta[def]phenanthrene	*	120.000	J		

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4239-10	A4ET4	Solid	Cyclobutane, ethenyl-	*	9,100.000	J		
P4239-10	A4ET4	Solid	n-Hexadecanoic acid	*	140.000	J		
P4239-10	A4ET4	Solid	Total Alkanes	*	0.000	82	290	ug/Kg
Total Tics :				10,420.00				
P4239-10	A4ET4	Solid	Benzo(a)anthracene		160.000	J 67	290	ug/Kg
P4239-10	A4ET4	Solid	Benzo(a)pyrene		87.000	J 72	290	ug/Kg
P4239-10	A4ET4	Solid	Benzo(b)fluoranthene		200.000	J 72	290	ug/Kg
P4239-10	A4ET4	Solid	Bis(2-ethylhexyl)phthalate		220.000	J 75	290	ug/Kg
P4239-10	A4ET4	Solid	Chrysene		180.000	J 77	290	ug/Kg
P4239-10	A4ET4	Solid	Fluoranthene		400.000	75	290	ug/Kg
P4239-10	A4ET4	Solid	Phenanthrene		330.000	75	290	ug/Kg
P4239-10	A4ET4	Solid	Pyrene		290.000	75	290	ug/Kg
Total Svoc :				1,867.00				
Total Concentration:				12,287.00				
Client ID : A4EM6								
P4239-15	A4EM6	Solid	Benzophenone	*	250.000	J		
P4239-15	A4EM6	Solid	n-Hexadecanoic acid	*	250.000	J		
P4239-15	A4EM6	Solid	Pentadecafluorooctanoic acid, oct:	*	120.000	J		
P4239-15	A4EM6	Solid	Total Alkanes	*	0.000	75	260	ug/Kg
Total Tics :				620.00				
P4239-15	A4EM6	Solid	Benzo(a)anthracene		77.000	J 61	260	ug/Kg
P4239-15	A4EM6	Solid	Benzo(a)pyrene		68.000	J 65	260	ug/Kg
P4239-15	A4EM6	Solid	Benzo(b)fluoranthene		90.000	J 65	260	ug/Kg
P4239-15	A4EM6	Solid	Chrysene		82.000	J 70	260	ug/Kg
P4239-15	A4EM6	Solid	Fluoranthene		170.000	J 68	260	ug/Kg
P4239-15	A4EM6	Solid	Phenanthrene		120.000	J 68	260	ug/Kg
P4239-15	A4EM6	Solid	Pyrene		160.000	J 68	260	ug/Kg
Total Svoc :				767.00				
Total Concentration:				1,387.00				
Client ID : A4EP3								
P4239-16	A4EP3	Solid	(DEL) Alkane: Straight-Chain22.1	*	170.000	J		
P4239-16	A4EP3	Solid	11H-Benzo[b]fluorene	*	130.000	J		
P4239-16	A4EP3	Solid	2-Chlorocyclohexanol	*	330.000	J		
P4239-16	A4EP3	Solid	2-Cyclohexen-1-one	*	550.000	J		
P4239-16	A4EP3	Solid	4H-Cyclopenta[def]phenanthrene	*	210.000	J		
P4239-16	A4EP3	Solid	9,10-Anthracenedione	*	130.000	J		
P4239-16	A4EP3	Solid	Benzophenone	*	110.000	J		
P4239-16	A4EP3	Solid	Cyclohexene	*	6,400.000	J		
P4239-16	A4EP3	Solid	n-Hexadecanoic acid	*	720.000	J		
P4239-16	A4EP3	Solid	Pentadecafluorooctanoic acid, oct:	*	250.000	J		

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SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4239-16	A4EP3	Solid	Total Alkanes	*	170.000	71	250	ug/Kg
Total Tics :				9,170.00				
P4239-16	A4EP3	Solid	Acenaphthylene		64.000	J 63	250	ug/Kg
P4239-16	A4EP3	Solid	Anthracene		130.000	J 63	250	ug/Kg
P4239-16	A4EP3	Solid	Benzo(a)anthracene		630.000	57	250	ug/Kg
P4239-16	A4EP3	Solid	Benzo(a)pyrene		410.000	62	250	ug/Kg
P4239-16	A4EP3	Solid	Benzo(b)fluoranthene		1,100.000	62	250	ug/Kg
P4239-16	A4EP3	Solid	Benzo(g,h,i)perylene		56.000	J 52	250	ug/Kg
P4239-16	A4EP3	Solid	Benzo(k)fluoranthene		370.000	66	250	ug/Kg
P4239-16	A4EP3	Solid	Bis(2-ethylhexyl)phthalate		600.000	65	250	ug/Kg
P4239-16	A4EP3	Solid	Butylbenzylphthalate		55.000	J 47	250	ug/Kg
P4239-16	A4EP3	Solid	Carbazole		80.000	J 66	490	ug/Kg
P4239-16	A4EP3	Solid	Chrysene		800.000	66	250	ug/Kg
P4239-16	A4EP3	Solid	Dibenzo(a,h)anthracene		140.000	J 54	250	ug/Kg
P4239-16	A4EP3	Solid	Fluoranthene		1,600.000	65	250	ug/Kg
P4239-16	A4EP3	Solid	Indeno(1,2,3-cd)pyrene		340.000	54	250	ug/Kg
P4239-16	A4EP3	Solid	Phenanthrene		620.000	65	250	ug/Kg
P4239-16	A4EP3	Solid	Pyrene		1,000.000	65	250	ug/Kg
Total Svoc :				7,995.00				
Total Concentration:				17,165.00				
Client ID : A4EP4								
P4239-17	A4EP4	Solid	(DEL) Alkane: Straight-Chain21.(	*	220.000	J		
P4239-17	A4EP4	Solid	Benzophenone	*	230.000	J		
P4239-17	A4EP4	Solid	n-Hexadecanoic acid	*	320.000	J		
P4239-17	A4EP4	Solid	Total Alkanes	*	220.000	79	280	ug/Kg
Total Tics :				990.00				
P4239-17	A4EP4	Solid	Fluoranthene		110.000	J 73	280	ug/Kg
P4239-17	A4EP4	Solid	Pyrene		93.000	J 73	280	ug/Kg
Total Svoc :				203.00				
Total Concentration:				1,193.00				
Client ID : A4EP5								
P4239-18	A4EP5	Solid	(DEL) Alkane: Straight-Chain21.(	*	190.000	J		
P4239-18	A4EP5	Solid	Benzophenone	*	240.000	J		
P4239-18	A4EP5	Solid	n-Hexadecanoic acid	*	360.000	J		
P4239-18	A4EP5	Solid	Total Alkanes	*	190.000	79	280	ug/Kg
Total Tics :				980.00				
P4239-18	A4EP5	Solid	Benzo(a)anthracene		73.000	J 64	280	ug/Kg
P4239-18	A4EP5	Solid	Benzo(a)pyrene		76.000	J 69	280	ug/Kg
P4239-18	A4EP5	Solid	Benzo(b)fluoranthene		97.000	J 69	280	ug/Kg
P4239-18	A4EP5	Solid	Bis(2-ethylhexyl)phthalate		1,200.000	72	280	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4239-18	A4EP5	Solid	Chrysene	78.000	J	74	280	ug/Kg
P4239-18	A4EP5	Solid	Fluoranthene	150.000	J	72	280	ug/Kg
P4239-18	A4EP5	Solid	Pyrene	130.000	J	72	280	ug/Kg
Total Svoc :				1,804.00				
Total Concentration:				2,784.00				
Client ID : EOAK5								
P4350-04	EOAK5	Solid	Benzophenone	*	89.000	J		
P4350-04	EOAK5	Solid	Cyclobutane, ethenyl-	*	1,400.000	J		
P4350-04	EOAK5	Solid	n-Hexadecanoic acid	*	250.000	J		
P4350-04	EOAK5	Solid	Octadecanoic acid	*	100.000	J		
P4350-04	EOAK5	Solid	Total Alkanes	*	0.000	60	210	ug/Kg
Total Tics :				1,839.00				
P4350-04	EOAK5	Solid	Acetophenone	100.000	J	47	410	ug/Kg
P4350-04	EOAK5	Solid	Benzo(a)anthracene	61.000	J	49	210	ug/Kg
P4350-04	EOAK5	Solid	Benzo(b)fluoranthene	91.000	J	52	210	ug/Kg
P4350-04	EOAK5	Solid	Chrysene	73.000	J	56	210	ug/Kg
P4350-04	EOAK5	Solid	Fluoranthene	180.000	J	55	210	ug/Kg
P4350-04	EOAK5	Solid	Phenanthrene	74.000	J	55	210	ug/Kg
P4350-04	EOAK5	Solid	Phenol	52.000	J	44	410	ug/Kg
P4350-04	EOAK5	Solid	Pyrene	85.000	J	55	210	ug/Kg
Total Svoc :				716.00				
Total Concentration:				2,555.00				
Client ID : EOAK3								
P4350-06	EOAK3	Solid	Benzophenone	*	160.000	J		
P4350-06	EOAK3	Solid	n-Hexadecanoic acid	*	430.000	J		
P4350-06	EOAK3	Solid	Octadecanoic acid	*	140.000	J		
P4350-06	EOAK3	Solid	Pentadecafluorooctanoic acid, octa	*	170.000	J		
P4350-06	EOAK3	Solid	Total Alkanes	*	0.000	70	250	ug/Kg
Total Tics :				900.00				
Total Concentration:				900.00				
Client ID : EOAK9								
P4350-08	EOAK9	Solid	Benzophenone	*	170.000	J		
P4350-08	EOAK9	Solid	Heptafluorobutyric acid, hexadecy	*	200.000	J		
P4350-08	EOAK9	Solid	n-Hexadecanoic acid	*	530.000	J		
P4350-08	EOAK9	Solid	Octadecanoic acid	*	150.000	J		
P4350-08	EOAK9	Solid	Total Alkanes	*	0.000	73	260	ug/Kg
Total Tics :				1,050.00				
P4350-08	EOAK9	Solid	Fluoranthene	71.000	J	67	260	ug/Kg
Total Svoc :				71.00				

Hit Summary Sheet SW-846

SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,121.00				
Client ID :	EOAJ9							
P4350-09	EOAJ9	Solid	2-Cyclohexen-1-one	*	87.000	J		
P4350-09	EOAJ9	Solid	4H-Cyclopenta[def]phenanthrene	*	150.000	J		
P4350-09	EOAJ9	Solid	9,10-Anthracenedione	*	110.000	J		
P4350-09	EOAJ9	Solid	Benzophenone	*	110.000	J		
P4350-09	EOAJ9	Solid	Cyclobutane, ethenyl-	*	1,300.000	J		
P4350-09	EOAJ9	Solid	Cyclopenta(def)phenanthrenone	*	95.000	J		
P4350-09	EOAJ9	Solid	n-Hexadecanoic acid	*	330.000	J		
P4350-09	EOAJ9	Solid	Total Alkanes	*	0.000		59	210 ug/Kg
Total Tics :				2,182.00				
P4350-09	EOAJ9	Solid	Acetophenone		130.000	J	47	410 ug/Kg
P4350-09	EOAJ9	Solid	Anthracene		110.000	J	53	210 ug/Kg
P4350-09	EOAJ9	Solid	Benzo(a)anthracene		530.000		48	210 ug/Kg
P4350-09	EOAJ9	Solid	Benzo(a)pyrene		200.000	J	52	210 ug/Kg
P4350-09	EOAJ9	Solid	Benzo(b)fluoranthene		720.000		52	210 ug/Kg
P4350-09	EOAJ9	Solid	Benzo(k)fluoranthene		230.000		56	210 ug/Kg
P4350-09	EOAJ9	Solid	Chrysene		580.000		56	210 ug/Kg
P4350-09	EOAJ9	Solid	Dibenzo(a,h)anthracene		81.000	J	46	210 ug/Kg
P4350-09	EOAJ9	Solid	Fluoranthene		1,500.000		55	210 ug/Kg
P4350-09	EOAJ9	Solid	Indeno(1,2,3-cd)pyrene		160.000	J	46	210 ug/Kg
P4350-09	EOAJ9	Solid	Phenanthrene		680.000		55	210 ug/Kg
P4350-09	EOAJ9	Solid	Phenol		59.000	J	43	410 ug/Kg
P4350-09	EOAJ9	Solid	Pyrene		790.000		55	210 ug/Kg
Total Svoc :				5,770.00				
Total Concentration:				7,952.00				
Client ID :	EOAK2							
P4350-11	EOAK2	Solid	(DEL) Alkane: Straight-Chain21.(	*	130.000	J		
P4350-11	EOAK2	Solid	Benzophenone	*	150.000	J		
P4350-11	EOAK2	Solid	n-Hexadecanoic acid	*	450.000	J		
P4350-11	EOAK2	Solid	Octadecanoic acid	*	140.000	J		
P4350-11	EOAK2	Solid	Total Alkanes	*	130.000		75	270 ug/Kg
Total Tics :				1,000.00				
P4350-11	EOAK2	Solid	Phenol		57.000	J	55	520 ug/Kg
Total Svoc :				57.00				
Total Concentration:				1,057.00				
Client ID :	EOAK1							
P4350-12	EOAK1	Solid	(DEL) Alkane: Straight-Chain21.(	*	94.000	J		
P4350-12	EOAK1	Solid	Benzophenone	*	170.000	J		

Hit Summary Sheet SW-846

SDG No.: BM101424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4350-12	EOAK1	Solid	n-Hexadecanoic acid	*	450.000	J		
P4350-12	EOAK1	Solid	Octadecanoic acid	*	130.000	J		
P4350-12	EOAK1	Solid	Total Alkanes	*	94.000	61	220	ug/Kg
			Total Tics :			938.00		
P4350-12	EOAK1	Solid	Phenol		73.000	J 44	420	ug/Kg
			Total Svoc :			73.00		
			Total Concentration:			1,011.00		
Client ID : SVOC-GPC-BLANK								
P4388-05	SVOC-GPC-BLANK	Solid	n-Hexadecanoic acid	*	330.000	J		
P4388-05	SVOC-GPC-BLANK	Solid	Total Alkanes	*	0.000	140	510	ug/Kg
			Total Tics :			330.00		
			Total Concentration:			330.00		
Client ID : SVOC-GPC2-BLANK								
P4388-10	SVOC-GPC2-BLANK	Solid	n-Hexadecanoic acid	*	380.000	J		
P4388-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	140	510	ug/Kg
			Total Tics :			380.00		
			Total Concentration:			380.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM092724 SAS No.: BM092724 SDG No.: BM092724
Instrument ID: _____ Calibration Date(s): 9/27/2024 : _____
Calibration Time(s): 18:16 _____

LAB FILE ID:		RRFAL1 = BM047679.D			RRFAL2 = BM047680.D		RRFAL3 = BM047681.D	
		RRFAL4 = BM047682.D			RRFAL5 = BM047683.D		RRFAL6 = BM047684.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.671	0.724	0.713	0.649	0.623		0.676	6.3
Benzaldehyde		1.153	1.250	1.163	0.824	0.752	1.028	21.8
Pyridine		1.986	1.962	1.928	1.863	1.799	1.908	4.0
Hexachloroethane	0.613	0.672	0.661	0.664	0.667		0.655	3.7
Nitrobenzene	0.396	0.468	0.449	0.470	0.479		0.452	7.4
Isophorone	0.663	0.825	0.821	0.856	0.881		0.809	10.5
2-Nitrophenol	0.133	0.171	0.176	0.189	0.204		0.175	15.1
2,4-Dimethylphenol	0.317	0.379	0.378	0.386	0.409		0.374	9.1
Bis(2-Chloroethoxy)methane	0.438	0.518	0.500	0.504	0.515		0.495	6.6
2,4-Dichlorophenol	0.260	0.319	0.319	0.330	0.345		0.315	10.2
Naphthalene	1.059	1.212	1.151	1.154	1.176		1.150	4.9
4-Chloroaniline		0.451	0.455	0.468	0.487	0.459	0.464	3.1
Hexachlorobutadiene	0.193	0.222	0.208	0.207	0.210		0.208	5.0
Phenol		1.896	1.915	2.021	2.098	2.131	2.012	5.2
Caprolactam		0.085	0.093	0.104	0.108	0.112	0.101	11.0
4-Chloro-3-methylphenol	0.261	0.315	0.327	0.352	0.375		0.326	13.2
1-Methylnaphthalene	0.652	0.762	0.740	0.769	0.796		0.744	7.4
2-Methylnaphthalene	0.639	0.747	0.723	0.758	0.788		0.731	7.7
Hexachlorocyclopentadiene		0.389	0.384	0.393	0.404	0.399	0.394	2.1
2,4,6-Trichlorophenol	0.289	0.381	0.385	0.401	0.428		0.377	13.9
2,4,5-Trichlorophenol	0.326	0.424	0.413	0.435	0.462		0.412	12.5
1,1-Biphenyl	1.442	1.703	1.600	1.612	1.650		1.601	6.1
2-Chloronaphthalene	1.113	1.310	1.243	1.245	1.282		1.238	6.1
2-Nitroaniline	0.290	0.368	0.397	0.440	0.471		0.393	17.7
Bis(2-Chloroethyl)ether		1.597	1.587	1.603	1.630	1.600	1.603	1.0
Dimethylphthalate	1.308	1.529	1.475	1.493	1.538		1.468	6.4
2,6-Dinitrotoluene	0.186	0.241	0.262	0.287	0.313		0.258	18.8
Acenaphthylene	1.661	2.017	1.954	2.026	2.037		1.939	8.2
3-Nitroaniline		0.265	0.301	0.327	0.329	0.340	0.312	9.6
Acenaphthene	1.233	1.440	1.371	1.392	1.417		1.371	5.9
2,4-Dinitrophenol		0.108	0.131	0.158	0.186	0.214	0.159	26.4
4-Nitrophenol		0.215	0.228	0.252	0.265	0.252	0.242	8.4
Dibenzofuran	1.685	1.938	1.851	1.879	1.872		1.845	5.1
2,4-Dinitrotoluene	0.278	0.372	0.397	0.430	0.459		0.387	18.0
Diethylphthalate	1.276	1.521	1.470	1.514	1.565		1.469	7.7
2-Chlorophenol	1.263	1.469	1.475	1.512	1.570		1.458	8.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM092724

SAS No.: BM092724

SDG No.: BM092724

Instrument ID: _____

Calibration Date(s): 9/27/2024 : _____

Calibration Time(s): 18:16 _____

LAB FILE ID:		RRFAL1 = BM047679.D		RRFAL2 = BM047680.D		RRFAL3 = BM047681.D		
		RRFAL4 = BM047682.D		RRFAL5 = BM047683.D		RRFAL6 = BM047684.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.354	1.599	1.572	1.596	1.575		1.539	6.8
4-Chlorophenyl-phenylether	0.634	0.754	0.733	0.757	0.759		0.727	7.3
4-Nitroaniline		0.278	0.324	0.343	0.291	0.280	0.303	9.5
4,6-Dinitro-2-methylphenol		0.107	0.118	0.135	0.144	0.144	0.130	12.8
N-Nitrosodiphenylamine	0.538	0.646	0.637	0.652	0.643		0.623	7.7
1,2,4,5-Tetrachlorobenzene	0.595	0.689	0.647	0.651	0.674		0.651	5.5
4-Bromophenyl-phenylether	0.182	0.214	0.204	0.213	0.218		0.206	7.0
Hexachlorobenzene	0.213	0.248	0.239	0.246	0.254		0.240	6.6
Atrazine		0.207	0.206	0.215	0.225	0.184	0.207	7.4
Pentachlorophenol		0.130	0.138	0.153	0.170	0.172	0.153	12.2
2-Methylphenol		1.296	1.306	1.405	1.494	1.515	1.403	7.3
Phenanthrene	1.063	1.218	1.183	1.198	1.203		1.173	5.4
Pentachlorobenzene	0.311	0.339	0.318	0.325	0.324		0.323	3.2
Anthracene	1.051	1.237	1.210	1.252	1.232		1.196	6.9
1,2,3,4-Tetrachlorobenzene	0.309	0.355	0.328	0.329	0.335		0.331	5.0
Carbazole		1.079	1.078	1.125	1.112	1.028	1.084	3.5
Di-n-butylphthalate	0.956	1.180	1.209	1.314	1.377		1.207	13.4
Fluoranthene	1.192	1.374	1.326	1.375	1.417		1.337	6.5
Pyrene	1.326	1.548	1.474	1.545	1.547		1.488	6.4
Butylbenzylphthalate	0.400	0.496	0.512	0.578	0.644		0.526	17.4
3,3-Dichlorobenzidine		0.391	0.411	0.442	0.455	0.414	0.423	6.1
2,2-oxybis (1-Chloropropane)		3.100	3.033	3.057	3.063	2.839	3.018	3.4
Benzo (a) anthracene	1.266	1.453	1.388	1.434	1.461		1.400	5.7
Chrysene	1.267	1.430	1.363	1.387	1.379		1.365	4.4
Bis (2-ethylhexyl) phthalate	0.571	0.746	0.778	0.902	0.951		0.790	18.8
Di-n-octyl phthalate		1.041	1.121	1.350	1.481	1.456	1.290	15.4
Benzo (b) fluoranthene	1.082	1.294	1.241	1.299	1.321		1.247	7.8
Benzo (k) fluoranthene	1.095	1.325	1.245	1.348	1.365		1.275	8.7
Benzo (a) pyrene	1.006	1.221	1.170	1.253	1.272		1.185	9.0
Indeno (1,2,3-cd) pyrene	1.315	1.579	1.491	1.572	1.632		1.518	8.2
Dibenzo (a,h) anthracene	1.078	1.279	1.213	1.291	1.360		1.244	8.6
Benzo (g,h,i) perylene	1.053	1.236	1.171	1.227	1.259		1.189	7.0
Acetophenone		2.324	2.336	2.451	2.530	2.388	2.406	3.6
2,3,4,6-Tetrachlorophenol	0.252	0.319	0.333	0.352	0.368		0.325	13.8
1,4-Dioxane-d8	0.649	0.654	0.641	0.589	0.561		0.619	6.7
Pyridine-d5		1.858	1.823	1.840	1.796	1.744	1.812	2.4

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM092724 SAS No.: BM092724 SDG No.: BM092724
Instrument ID: _____ Calibration Date(s): 9/27/2024 : _____
Calibration Time(s): 18:16 _____

LAB FILE ID:		RRF _{FAL1} = BM047679.D			RRF _{FAL2} = BM047680.D		RRF _{FAL3} = BM047681.D	
		RRF _{FAL4} = BM047682.D			RRF _{FAL5} = BM047683.D		RRF _{FAL6} = BM047684.D	
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
Phenol-d5		1.757	1.800	1.872	1.985	2.042	1.891	6.4
Bis-(2-Chloroethyl)ether-d8		1.366	1.339	1.339	1.360	1.305	1.342	1.8
2-Chlorophenol-d4	1.153	1.367	1.403	1.446	1.510		1.376	9.9
4-Methylphenol-d8		1.277	1.323	1.427	1.498	1.506	1.406	7.3
Nitrobenzene-d5	0.127	0.161	0.161	0.169	0.178		0.159	12.3
2-Nitrophenol-d4	0.115	0.145	0.148	0.169	0.187		0.153	17.8
2,4-Dichlorophenol-d3	0.243	0.309	0.308	0.323	0.341		0.305	12.1
4-Chloroaniline-d4		0.456	0.455	0.474	0.499	0.473	0.471	3.8
4-Methylphenol		1.494	1.481	1.594	1.666	1.649	1.577	5.4
Dimethylphthalate-d6	1.296	1.500	1.447	1.482	1.525		1.450	6.2
Acenaphthylene-d8	1.440	1.765	1.733	1.812	1.847		1.719	9.4
4-Nitrophenol-d4		0.238	0.267	0.298	0.322	0.319	0.289	12.5
Fluorene-d10	1.094	1.290	1.261	1.300	1.335		1.256	7.5
4,6-Dinitro-2-methylphenol-		0.092	0.103	0.121	0.134	0.135	0.117	16.2
Anthracene-d10	0.860	1.003	0.983	1.025	1.046		0.983	7.4
Pyrene-d10	0.983	1.161	1.119	1.181	1.232		1.135	8.3
Benzo(a)pyrene-d12	0.862	1.064	1.026	1.096	1.140		1.038	10.3
N-Nitroso-di-n-propylamine	1.034	1.260	1.284	1.385	1.409		1.274	11.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

EPA Sample No.: SSTD020022 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 12:55

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	138731	7.816	553617	10.61	324022	14.45
	UPPER LIMIT	277462	8.316	1107234	11.11	648044	14.951
	LOWER LIMIT	69365.5	7.316	276808.5	10.11	162011	13.951
	EPA SAMPLE NO.						
01	SBLK884	215768	7.78	827329	10.58	501623	14.42
02	A4EG1	369633 *	7.78	1.48193e *	10.58	903193 *	14.42
03	A4EG2	323822 *	7.79	1.25547e *	10.58	761835 *	14.42
04	A4EP3	329148 *	7.78	1.28529e *	10.58	766440 *	14.42
05	A4EP4	392545 *	7.79	1.53078e *	10.58	905464 *	14.42
06	A4EP5	387460 *	7.78	1.54011e *	10.57	939629 *	14.42
07	A4EM6	342539 *	7.79	1.36453e *	10.58	834878 *	14.42
08	SBLK884	245281	7.78	980955	10.58	603483	14.42
09	A4ET4	276995	7.78	1.08348e	10.58	644664	14.42
10	A4EG3	298875 *	7.78	1.17693e *	10.57	706615 *	14.42
11	A4ET3	359130 *	7.78	1.42364e *	10.58	869587 *	14.42
12	A4F08	366119 *	7.79	1.45198e *	10.58	885996 *	14.42
13	A4EG7	388414 *	7.78	1.5389e+ *	10.58	925101 *	14.42
14	A4F13	289992 *	7.78	1.14255e *	10.58	695564 *	14.42
15	A4F18	237801	7.78	942758	10.58	583761	14.42
16	A4EY6	293756 *	7.78	1.16406e *	10.58	717702 *	14.42
17	A4F02	238320	7.78	928319	10.57	563311	14.42
18	A4F06	255485	7.78	1.00499e	10.58	608425	14.42
19	A4F07	284611 *	7.78	1.08578e	10.58	637831	14.42
20	A4EQ8	247951	7.78	962965	10.58	586745	14.42
21	A4F12	276691	7.78	1.09678e	10.58	674992 *	14.42
22	SBLK836	260507	7.78	1.01352e	10.58	597731	14.42
23	A4F14	306249 *	7.78	1.19576e *	10.58	726082 *	14.42



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

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

Lab File ID: BM047681.D Time Analyzed: 06:06

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	138731	7.816	553617	10.61	324022	14.45
	UPPER LIMIT	277462	8.316	1107234	11.11	648044	14.951
	LOWER LIMIT	69365.5	7.316	276808.5	10.11	162011	13.951
	EPA SAMPLE NO.						
24	A4F15	320738 *	7.78	1.29469e *	10.58	816222 *	14.42
25	A4EY0	272357	7.78	1.1002e+	10.58	671708 *	14.42
26	A4EY7	315104 *	7.78	1.25542e *	10.58	767460 *	14.42
27	A4EZ6	249941	7.79	1.00617e	10.58	634412	14.42
28	A4EZ7	309484 *	7.78	1.24362e *	10.58	760775 *	14.42
29	A4F00	275234	7.78	1.09262e	10.58	662525 *	14.42
30	A4EY8	275987	7.79	1.11305e *	10.58	686277 *	14.42
31	A4EZ5	241041	7.78	940671	10.58	566896	14.42
32	A4F01	281336 *	7.78	1.09868e	10.58	645972	14.42
33	A4EY5	301665 *	7.78	1.18771e *	10.58	708325 *	14.42
34	SLCS836	247289	7.78	997093	10.58	623620	14.42
35	SBLK081	298655 *	7.78	1.21641e *	10.58	784684 *	14.42
36	SVOC-GPC2-BLANK	223148	7.78	893785	10.58	585815	14.42
37	SVOC-GPC-BLANK	223474	7.78	877171	10.58	566607	14.42
38	EOAK9	255414	7.78	1.04602e	10.58	670929 *	14.42
39	EOAK3	279652 *	7.78	1.12604e *	10.58	705454 *	14.42
40	EOAK2	276102	7.78	1.13766e *	10.58	712849 *	14.42
41	EOAK1	256195	7.78	1.03984e	10.57	655055 *	14.42
42	EOAK1MS	290773 *	7.78	1.1983e+ *	10.58	743463 *	14.42
43	EOAK1MSD	271691	7.78	1.12129e *	10.58	693941 *	14.42
44	A4F08	234680	7.78	967996	10.57	610571	14.42
45	A4EG7	207381	7.78	855615	10.57	530793	14.42
46	A4ET3	202646	7.78	831598	10.57	518930	14.42

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

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

Lab File ID: BM047681.D Time Analyzed: 23:43

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	138731	7.816	553617	10.61	324022	14.45
UPPER LIMIT	277462	8.316	1107234	11.11	648044	14.951
LOWER LIMIT	69365.5	7.316	276808.5	10.11	162011	13.951
EPA SAMPLE NO.						
47 EOAK5	274359	7.78	1.13581e *	10.57	698700 *	14.42
48 EOAJ9	294397 *	7.78	1.19255e *	10.57	724392 *	14.42
49 SLCS081	322384 *	7.78	1.34426e *	10.58	827880 *	14.42

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

EPA Sample No.: SSTD020178 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BM048024.D Time Analyzed: 12:55

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	204635	7.781	824482	10.58	513439	14.42
UPPER LIMIT	409270	8.281	1648964	11.075	1026878	14.916
LOWER LIMIT	102317.5	7.281	412241	10.075	256719.5	13.916
EPA SAMPLE NO.						
01 SBLK884	215768	7.78	827329	10.58	501623	14.42
02 A4EG1	369633	7.78	1.48193e	10.58	903193	14.42
03 A4EG2	323822	7.79	1.25547e	10.58	761835	14.42
04 A4EP3	329148	7.78	1.28529e	10.58	766440	14.42
05 A4EP4	392545	7.79	1.53078e	10.58	905464	14.42
06 A4EP5	387460	7.78	1.54011e	10.57	939629	14.42
07 A4EM6	342539	7.79	1.36453e	10.58	834878	14.42

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

EPA Sample No.: SSTD020179 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BM048032.D Time Analyzed: 18:13

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	177255	7.781	724440	10.58	457315	14.42
UPPER LIMIT	354510	8.281	1448880	11.075	914630	14.922
LOWER LIMIT	88627.5	7.281	362220	10.075	228657.5	13.922
EPA SAMPLE NO.						
01 SBLK884	245281	7.78	980955	10.58	603483	14.42
02 A4ET4	276995	7.78	1.08348e	10.58	644664	14.42
03 A4EG3	298875	7.78	1.17693e	10.57	706615	14.42
04 A4ET3	359130 *	7.78	1.42364e	10.58	869587	14.42
05 A4F08	366119 *	7.79	1.45198e *	10.58	885996	14.42
06 A4EG7	388414 *	7.78	1.5389e+ *	10.58	925101 *	14.42
07 A4F13	289992	7.78	1.14255e	10.58	695564	14.42
08 A4F18	237801	7.78	942758	10.58	583761	14.42
09 A4EY6	293756	7.78	1.16406e	10.58	717702	14.42
10 A4F02	238320	7.78	928319	10.57	563311	14.42
11 A4F06	255485	7.78	1.00499e	10.58	608425	14.42
12 A4F07	284611	7.78	1.08578e	10.58	637831	14.42
13 A4EQ8	247951	7.78	962965	10.58	586745	14.42
14 A4F12	276691	7.78	1.09678e	10.58	674992	14.42

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

EPA Sample No.: SSTD020180 Date Analyzed: Oct 15 2024 12:00AM

Lab File ID: BM048047.D Time Analyzed: 04:46

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	304449	7.781	1.25562e+01	10.58	783421	14.42
UPPER LIMIT	608898	8.281	2511240	11.075	1566842	14.922
LOWER LIMIT	152224.5	7.281	627810	10.075	391710.5	13.922
EPA SAMPLE NO.						
01 SBLK836	260507	7.78	1.01352e	10.58	597731	14.42
02 A4F14	306249	7.78	1.19576e	10.58	726082	14.42
03 A4F15	320738	7.78	1.29469e	10.58	816222	14.42
04 A4EY0	272357	7.78	1.1002e+	10.58	671708	14.42
05 A4EY7	315104	7.78	1.25542e	10.58	767460	14.42
06 A4EZ6	249941	7.79	1.00617e	10.58	634412	14.42
07 A4EZ7	309484	7.78	1.24362e	10.58	760775	14.42
08 A4F00	275234	7.78	1.09262e	10.58	662525	14.42
09 A4EY8	275987	7.79	1.11305e	10.58	686277	14.42
10 A4EZ5	241041	7.78	940671	10.58	566896	14.42
11 A4F01	281336	7.78	1.09868e	10.58	645972	14.42
12 A4EY5	301665	7.78	1.18771e	10.58	708325	14.42
13 SLCS836	247289	7.78	997093	10.58	623620	14.42

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

EPA Sample No.: SSTD020181 Date Analyzed: Oct 15 2024 12:00AM

Lab File ID: BM048061.D Time Analyzed: 15:49

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	270460	7.781	1.10576e+01	10.58	690456	14.42
UPPER LIMIT	540920	8.281	2211520	11.075	1380912	14.921
LOWER LIMIT	135230	7.281	552880	10.075	345228	13.921
EPA SAMPLE NO.						
01 SBLK081	298655	7.78	1.21641e	10.58	784684	14.42
02 SVOC-GPC2-BLANK	223148	7.78	893785	10.58	585815	14.42
03 SVOC-GPC-BLANK	223474	7.78	877171	10.58	566607	14.42
04 EOAK9	255414	7.78	1.04602e	10.58	670929	14.42
05 EOAK3	279652	7.78	1.12604e	10.58	705454	14.42
06 EOAK2	276102	7.78	1.13766e	10.58	712849	14.42
07 EOAK1	256195	7.78	1.03984e	10.57	655055	14.42
08 EOAK1MS	290773	7.78	1.1983e+	10.58	743463	14.42
09 EOAK1MSD	271691	7.78	1.12129e	10.58	693941	14.42
10 A4F08	234680	7.78	967996	10.57	610571	14.42
11 A4EG7	207381	7.78	855615	10.57	530793	14.42
12 A4ET3	202646	7.78	831598	10.57	518930	14.42
13 EOAK5	274359	7.78	1.13581e	10.57	698700	14.42
14 EOAJ9	294397	7.78	1.19255e	10.57	724392	14.42
15 SLCS081	322384	7.78	1.34426e	10.58	827880	14.42

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

EPA Sample No.: SSTD020022 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 12:55

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	619410	17.186	588645	21.409	637397	24.415
	UPPER LIMIT	1238820	17.686	1177290	21.909	1274794	24.915
	LOWER LIMIT	309705	16.686	294322.5	20.909	318698.5	23.915
	EPA SAMPLE NO.						
01	SBLK884	1.03917	17.16	1.00573e+	21.39	1.20845e+	24.37
02	A4EG1	1.83114*	17.16	1.71338e+ *	21.39	2.04951e+ *	24.39
03	A4EG2	1.54322*	17.16	1.38469e+ *	21.39	1.65322e+ *	24.39
04	A4EP3	1.52084*	17.16	1.30518e+ *	21.39	1.54874e+ *	24.39
05	A4EP4	1.80283*	17.16	1.66046e+ *	21.39	1.9657e+0 *	24.39
06	A4EP5	1.91684*	17.16	1.81307e+ *	21.39	2.14528e+ *	24.39
07	A4EM6	1.6806e*	17.16	1.63465e+ *	21.39	1.93942e+ *	24.39
08	SBLK884	1.23649	17.16	1.28232e+ *	21.39	1.4993e+0 *	24.38
09	A4ET4	1.31292*	17.16	1.2826e+0 *	21.39	1.50438e+ *	24.39
10	A4EG3	1.43463*	17.16	1.35591e+ *	21.39	1.59896e+ *	24.39
11	A4ET3	1.80703*	17.16	1.78328e+ *	21.39	2.07815e+ *	24.38
12	A4F08	1.80727*	17.16	1.72777e+ *	21.39	2.0236e+0 *	24.39
13	A4EG7	1.84325*	17.16	1.75431e+ *	21.39	2.0777e+0 *	24.38
14	A4F13	1.43099*	17.16	1.46737e+ *	21.39	1.73896e+ *	24.38
15	A4F18	1.23371	17.16	1.2735e+0 *	21.39	1.48557e+ *	24.39
16	A4EY6	1.45274*	17.16	1.43082e+ *	21.39	1.67791e+ *	24.38
17	A4F02	1.14461	17.16	1.17497e+	21.39	1.39078e+ *	24.38
18	A4F06	1.23246	17.16	1.18687e+ *	21.39	1.40096e+ *	24.38
19	A4F07	1.26142*	17.16	1.25306e+ *	21.39	1.49926e+ *	24.38
20	A4EQ8	1.1731e	17.16	1.1213e+0	21.39	1.32939e+ *	24.38
21	A4F12	1.37338*	17.16	1.29366e+ *	21.39	1.51373e+ *	24.38

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

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

Lab File ID: BM047681.D Time Analyzed: 04:46

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	619410	17.186	588645	21.409	637397	24.415
UPPER LIMIT	1238820	17.686	1177290	21.909	1274794	24.915
LOWER LIMIT	309705	16.686	294322.5	20.909	318698.5	23.915
EPA SAMPLE NO.						
22 SBLK836	1.17427	17.16	1.17998e+ *	21.39	1.39558e+ *	24.38
23 A4F14	1.44692*	17.16	1.39737e+ *	21.39	1.6619e+0 *	24.38
24 A4F15	1.69143*	17.16	1.57687e+ *	21.39	1.85372e+ *	24.39
25 A4EY0	1.37201*	17.16	1.23222e+ *	21.39	1.46085e+ *	24.39
26 A4EY7	1.54358*	17.16	1.2262e+0 *	21.39	1.47529e+ *	24.40
27 A4EZ6	1.29427*	17.16	1.1309e+0	21.39	1.34562e+ *	24.39
28 A4EZ7	1.54496*	17.16	1.42136e+ *	21.39	1.68812e+ *	24.39
29 A4F00	1.38184*	17.16	1.30235e+ *	21.39	1.55438e+ *	24.39
30 A4EY8	1.37502*	17.16	1.21737e+ *	21.39	1.43952e+ *	24.39
31 A4EZ5	1.20771	17.16	1.16882e+	21.39	1.38911e+ *	24.39
32 A4F01	1.2912e*	17.16	1.25926e+ *	21.39	1.49492e+ *	24.39
33 A4EY5	1.42484*	17.16	1.31383e+ *	21.39	1.56856e+ *	24.39
34 SLCS836	1.28203*	17.16	1.17631e+	21.39	1.39375e+ *	24.39
35 SBLK081	1.5718e*	17.16	1.43164e+ *	21.39	1.58433e+ *	24.39
36 SVOC-GPC2-BLANK	1.20471	17.16	1.16446e+	21.39	1.30917e+ *	24.39
37 SVOC-GPC-BLANK	1.16684	17.16	1.13318e+	21.39	1.27999e+ *	24.39
38 EOAK9	1.3487e*	17.16	1.27124e+ *	21.39	1.42427e+ *	24.39
39 EOAK3	1.41878*	17.16	1.34605e+ *	21.39	1.52586e+ *	24.39
40 EOAK2	1.42191*	17.16	1.3303e+0 *	21.39	1.47641e+ *	24.38
41 EOAK1	1.31752*	17.16	1.21821e+ *	21.39	1.3705e+0 *	24.38
42 EOAK1MS	1.459e+*	17.16	1.23716e+ *	21.39	1.42893e+ *	24.39

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

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

Lab File ID: BM047681.D Time Analyzed: 21:05

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	619410	17.186	588645	21.409	637397	24.415
UPPER LIMIT	1238820	17.686	1177290	21.909	1274794	24.915
LOWER LIMIT	309705	16.686	294322.5	20.909	318698.5	23.915
EPA SAMPLE NO.						
43 EOAK1MSD	1.36959*	17.16	1.21875e+ *	21.39	1.41118e+ *	24.38
44 A4F08	1.22077	17.16	1.1881e+0 *	21.39	1.35559e+ *	24.38
45 A4EG7	1.06323	17.16	993202	21.39	1.1332e+0	24.38
46 A4ET3	1.03436	17.16	972509	21.39	1.10174e+	24.38
47 EOAK5	1.39428*	17.16	1.30205e+ *	21.39	1.44782e+ *	24.38
48 EOAJ9	1.43991*	17.16	1.23236e+ *	21.39	1.39955e+ *	24.38
49 SLCS081	1.63822*	17.16	1.39361e+ *	21.39	1.59826e+ *	24.39

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

EPA Sample No.: SSTD020178 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BM048024.D Time Analyzed: 12:55

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	1.0652e+00	17.157	1.04377e+	21.386	1.22881e+00	24.38
UPPER LIMIT	2130400	17.657	2087540	21.886	2457620	24.88
LOWER LIMIT	532600	16.657	521885	20.886	614405	23.88
EPA SAMPLE NO.						
01 SBLK884	1.03917	17.16	1.00573e+	21.39	1.20845e+	24.37
02 A4EG1	1.83114	17.16	1.71338e+	21.39	2.04951e+	24.39
03 A4EG2	1.54322	17.16	1.38469e+	21.39	1.65322e+	24.39
04 A4EP3	1.52084	17.16	1.30518e+	21.39	1.54874e+	24.39
05 A4EP4	1.80283	17.16	1.66046e+	21.39	1.9657e+0	24.39
06 A4EP5	1.91684	17.16	1.81307e+	21.39	2.14528e+	24.39
07 A4EM6	1.6806e	17.16	1.63465e+	21.39	1.93942e+	24.39

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

EPA Sample No.: SSTD020179 Date Analyzed: Oct 14 2024 12:00AM

Lab File ID: BM048032.D Time Analyzed: 18:13

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	967234	17.163	971572	21.386	1.17642e+01	24.38
UPPER LIMIT	1934468	17.663	1943144	21.886	2352840	24.88
LOWER LIMIT	483617	16.663	485786	20.886	588210	23.88
EPA SAMPLE NO.						
01 SBLK884	1.23649	17.16	1.28232e+	21.39	1.4993e+0	24.38
02 A4ET4	1.31292	17.16	1.2826e+0	21.39	1.50438e+	24.39
03 A4EG3	1.43463	17.16	1.35591e+	21.39	1.59896e+	24.39
04 A4ET3	1.80703	17.16	1.78328e+	21.39	2.07815e+	24.38
05 A4F08	1.80727	17.16	1.72777e+	21.39	2.0236e+0	24.39
06 A4EG7	1.84325	17.16	1.75431e+	21.39	2.0777e+0	24.38
07 A4F13	1.43099	17.16	1.46737e+	21.39	1.73896e+	24.38
08 A4F18	1.23371	17.16	1.2735e+0	21.39	1.48557e+	24.39
09 A4EY6	1.45274	17.16	1.43082e+	21.39	1.67791e+	24.38
10 A4F02	1.14461	17.16	1.17497e+	21.39	1.39078e+	24.38
11 A4F06	1.23246	17.16	1.18687e+	21.39	1.40096e+	24.38
12 A4F07	1.26142	17.16	1.25306e+	21.39	1.49926e+	24.38
13 A4EQ8	1.1731e	17.16	1.1213e+0	21.39	1.32939e+	24.38
14 A4F12	1.37338	17.16	1.29366e+	21.39	1.51373e+	24.38

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

EPA Sample No.: SSTD020180 Date Analyzed: Oct 15 2024 12:00AM

Lab File ID: BM048047.D Time Analyzed: 04:46

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	1.65571e+01	17.163	1.60011e+01	21.392	1.92635e+01	24.386
UPPER LIMIT	3311420	17.663	3200220	21.892	3852700	24.886
LOWER LIMIT	827855	16.663	800055	20.892	963175	23.886
EPA SAMPLE NO.						
01 SBLK836	1.17427	17.16	1.17998e+01	21.39	1.39558e+01	24.38
02 A4F14	1.44692	17.16	1.39737e+01	21.39	1.6619e+01	24.38
03 A4F15	1.69143	17.16	1.57687e+01	21.39	1.85372e+01	24.39
04 A4EY0	1.37201	17.16	1.23222e+01	21.39	1.46085e+01	24.39
05 A4EY7	1.54358	17.16	1.2262e+01	21.39	1.47529e+01	24.40
06 A4EZ6	1.29427	17.16	1.1309e+01	21.39	1.34562e+01	24.39
07 A4EZ7	1.54496	17.16	1.42136e+01	21.39	1.68812e+01	24.39
08 A4F00	1.38184	17.16	1.30235e+01	21.39	1.55438e+01	24.39
09 A4EY8	1.37502	17.16	1.21737e+01	21.39	1.43952e+01	24.39
10 A4EZ5	1.20771	17.16	1.16882e+01	21.39	1.38911e+01	24.39
11 A4F01	1.2912e	17.16	1.25926e+01	21.39	1.49492e+01	24.39
12 A4EY5	1.42484	17.16	1.31383e+01	21.39	1.56856e+01	24.39
13 SLCS836	1.28203	17.16	1.17631e+01	21.39	1.39375e+01	24.39

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

EPA Sample No.: SSTD020181 Date Analyzed: Oct 15 2024 12:00AM

Lab File ID: BM048061.D Time Analyzed: 15:49

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.36461e+0	17.162	1.18317e+	21.392	1.3324e+00	24.386
	UPPER LIMIT	2729220	17.662	2366340	21.892	2664800	24.886
	LOWER LIMIT	682305	16.662	591585	20.892	666200	23.886
	EPA SAMPLE NO.						
01	SBLK081	1.5718e	17.16	1.43164e+	21.39	1.58433e+	24.39
02	SVOC-GPC2-BLANK	1.20471	17.16	1.16446e+	21.39	1.30917e+	24.39
03	SVOC-GPC-BLANK	1.16684	17.16	1.13318e+	21.39	1.27999e+	24.39
04	EOAK9	1.3487e	17.16	1.27124e+	21.39	1.42427e+	24.39
05	EOAK3	1.41878	17.16	1.34605e+	21.39	1.52586e+	24.39
06	EOAK2	1.42191	17.16	1.3303e+0	21.39	1.47641e+	24.38
07	EOAK1	1.31752	17.16	1.21821e+	21.39	1.3705e+0	24.38
08	EOAK1MS	1.459e+	17.16	1.23716e+	21.39	1.42893e+	24.39
09	EOAK1MSD	1.36959	17.16	1.21875e+	21.39	1.41118e+	24.38
10	A4F08	1.22077	17.16	1.1881e+0	21.39	1.35559e+	24.38
11	A4EG7	1.06323	17.16	993202	21.39	1.1332e+0	24.38
12	A4ET3	1.03436	17.16	972509	21.39	1.10174e+	24.38
13	EOAK5	1.39428	17.16	1.30205e+	21.39	1.44782e+	24.38
14	EOAJ9	1.43991	17.16	1.23236e+	21.39	1.39955e+	24.38
15	SLCS081	1.63822	17.16	1.39361e+	21.39	1.59826e+	24.39

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM101424 SAS No.: BM101424 SDG NO.: BM101424

EPA Sample No.: SSTD020181 Date Analyzed: Oct 16 2024 12:00AM

Lab File ID: BM048061.D Time Analyzed: 01:02

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	1.36461e+04	17.162	1.18317e+04	21.392	1.3324e+004	24.386
UPPER LIMIT	2729220	17.662	2366340	21.892	2664800	24.886
LOWER LIMIT	682305	16.662	591585	20.892	666200	23.886
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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163836BS	1,4-Dioxane	530	250	ug/Kg	47				0	0		
	Benzaldehyde	1300	670	ug/Kg	52				0	0		
	Pyridine	1300	610	ug/Kg	47				0	0		
	Phenol	1300	720	ug/Kg	55				0	0		
	Bis(2-chloroethyl)ether	1300	700	ug/Kg	54				0	0		
	2-Chlorophenol	1300	830	ug/Kg	64				0	0		
	2-Methylphenol	1300	770	ug/Kg	59				0	0		
	2,2-oxybis(1-Chloropropane)	1300	510	ug/Kg	39				0	0		
	Acetophenone	1300	700	ug/Kg	54				0	0		
	4-Methylphenol	1300	760	ug/Kg	58				0	0		
	N-Nitroso-di-n-propylamine	1300	640	ug/Kg	49				0	0		
	Hexachloroethane	1300	730	ug/Kg	56				0	0		
	Nitrobenzene	1300	680	ug/Kg	52				0	0		
	Isophorone	1300	710	ug/Kg	55				0	0		
	2-Nitrophenol	1300	950	ug/Kg	73				0	0		
	2,4-Dimethylphenol	1300	640	ug/Kg	49				0	0		
	Bis(2-chloroethoxy)methane	1300	710	ug/Kg	55				0	0		
	2,4-Dichlorophenol	1300	880	ug/Kg	68				0	0		
	Naphthalene	1300	800	ug/Kg	62				0	0		
	4-Chloroaniline	1300	710	ug/Kg	55				0	0		
	Hexachlorobutadiene	1300	840	ug/Kg	65				0	0		
	Caprolactam	1300	890	ug/Kg	68				0	0		
	4-Chloro-3-methylphenol	1300	840	ug/Kg	65				0	0		
	1-Methylnaphthalene	1300	810	ug/Kg	62				0	0		
	2-Methylnaphthalene	1300	830	ug/Kg	64				0	0		
	Hexachlorocyclopentadiene	1300	370	ug/Kg	28				0	0		
	2,4,6-Trichlorophenol	1300	890	ug/Kg	68				0	0		
	2,4,5-Trichlorophenol	1300	890	ug/Kg	68				0	0		
	1,1'-Biphenyl	1300	770	ug/Kg	59				0	0		
	2-Chloronaphthalene	1300	800	ug/Kg	62				0	0		
	2-Nitroaniline	1300	690	ug/Kg	53				0	0		
	Dimethylphthalate	1300	790	ug/Kg	61				0	0		
	2,6-Dinitrotoluene	1300	950	ug/Kg	73				0	0		
	Acenaphthylene	1300	810	ug/Kg	62				0	0		
	3-Nitroaniline	1300	900	ug/Kg	69				0	0		
	Acenaphthene	1300	770	ug/Kg	59				0	0		
	2,4-Dinitrophenol	1300	540	ug/Kg	42				0	0		
	4-Nitrophenol	1300	690	ug/Kg	53				0	0		
	Dibenzofuran	1300	800	ug/Kg	62				0	0		
	2,4-Dinitrotoluene	1300	930	ug/Kg	72				0	0		
	Diethylphthalate	1300	780	ug/Kg	60				0	0		
	Fluorene	1300	760	ug/Kg	58				0	0		
	4-Chlorophenyl-phenylether	1300	780	ug/Kg	60				0	0		
	4-Nitroaniline	1300	990	ug/Kg	76				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163836BS	4,6-Dinitro-2-methylphenol	1300	580	ug/Kg	45				0	0		
	N-Nitrosodiphenylamine	1300	770	ug/Kg	59				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	800	ug/Kg	62				0	0		
	4-Bromophenyl-phenylether	1300	830	ug/Kg	64				0	0		
	Hexachlorobenzene	1300	860	ug/Kg	66				0	0		
	Atrazine	1300	570	ug/Kg	44				0	0		
	Pentachlorophenol	1300	850	ug/Kg	65				0	0		
	Phenanthrene	1300	780	ug/Kg	60				0	0		
	Pentachlorobenzene	1300	740	ug/Kg	57				0	0		
	Anthracene	1300	770	ug/Kg	59				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	740	ug/Kg	57				0	0		
	Carbazole	1300	820	ug/Kg	63				0	0		
	Di-n-butylphthalate	1300	830	ug/Kg	64				0	0		
	Fluoranthene	1300	900	ug/Kg	69				0	0		
	Pyrene	1300	860	ug/Kg	66				0	0		
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0		
	3,3'-Dichlorobenzidine	1300	900	ug/Kg	69				0	0		
	Benzo(a)anthracene	1300	870	ug/Kg	67				0	0		
	Chrysene	1300	840	ug/Kg	65				0	0		
	Bis(2-ethylhexyl)phthalate	1300	940	ug/Kg	72				0	0		
	Di-n-octylphthalate	1300	900	ug/Kg	69				0	0		
	Benzo(b)fluoranthene	1300	860	ug/Kg	66				0	0		
	Benzo(k)fluoranthene	1300	820	ug/Kg	63				0	0		
	Benzo(a)pyrene	1300	810	ug/Kg	62				0	0		
	Indeno(1,2,3-cd)pyrene	1300	850	ug/Kg	65				0	0		
	Dibenzo(a,h)anthracene	1300	840	ug/Kg	65				0	0		
	Benzo(g,h,i)perylene	1300	850	ug/Kg	65				0	0		
	2,3,4,6-Tetrachlorophenol	1300	920	ug/Kg	71				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164081BS	1,4-Dioxane	530	230	ug/Kg	43				0	0		
	Benzaldehyde	1300	610	ug/Kg	47				0	0		
	Pyridine	1300	540	ug/Kg	42				0	0		
	Phenol	1300	660	ug/Kg	51				0	0		
	Bis(2-chloroethyl)ether	1300	650	ug/Kg	50				0	0		
	2-Chlorophenol	1300	770	ug/Kg	59				0	0		
	2-Methylphenol	1300	710	ug/Kg	55				0	0		
	2,2-oxybis(1-Chloropropane)	1300	490	ug/Kg	38				0	0		
	Acetophenone	1300	660	ug/Kg	51				0	0		
	4-Methylphenol	1300	700	ug/Kg	54				0	0		
	N-Nitroso-di-n-propylamine	1300	600	ug/Kg	46				0	0		
	Hexachloroethane	1300	700	ug/Kg	54				0	0		
	Nitrobenzene	1300	600	ug/Kg	46				0	0		
	Isophorone	1300	660	ug/Kg	51				0	0		
	2-Nitrophenol	1300	880	ug/Kg	68				0	0		
	2,4-Dimethylphenol	1300	600	ug/Kg	46				0	0		
	Bis(2-chloroethoxy)methane	1300	660	ug/Kg	51				0	0		
	2,4-Dichlorophenol	1300	800	ug/Kg	62				0	0		
	Naphthalene	1300	720	ug/Kg	55				0	0		
	4-Chloroaniline	1300	600	ug/Kg	46				0	0		
	Hexachlorobutadiene	1300	770	ug/Kg	59				0	0		
	Caprolactam	1300	790	ug/Kg	61				0	0		
	4-Chloro-3-methylphenol	1300	760	ug/Kg	58				0	0		
	1-Methylnaphthalene	1300	740	ug/Kg	57				0	0		
	2-Methylnaphthalene	1300	750	ug/Kg	58				0	0		
	Hexachlorocyclopentadiene	1300	540	ug/Kg	42				0	0		
	2,4,6-Trichlorophenol	1300	820	ug/Kg	63				0	0		
	2,4,5-Trichlorophenol	1300	810	ug/Kg	62				0	0		
	1,1'-Biphenyl	1300	710	ug/Kg	55				0	0		
	2-Chloronaphthalene	1300	730	ug/Kg	56				0	0		
	2-Nitroaniline	1300	630	ug/Kg	48				0	0		
	Dimethylphthalate	1300	750	ug/Kg	58				0	0		
	2,6-Dinitrotoluene	1300	890	ug/Kg	68				0	0		
	Acenaphthylene	1300	730	ug/Kg	56				0	0		
	3-Nitroaniline	1300	790	ug/Kg	61				0	0		
	Acenaphthene	1300	690	ug/Kg	53				0	0		
	2,4-Dinitrophenol	1300	640	ug/Kg	49				0	0		
	4-Nitrophenol	1300	590	ug/Kg	45				0	0		
	Dibenzofuran	1300	720	ug/Kg	55				0	0		
	2,4-Dinitrotoluene	1300	840	ug/Kg	65				0	0		
	Diethylphthalate	1300	750	ug/Kg	58				0	0		
	Fluorene	1300	680	ug/Kg	52				0	0		
	4-Chlorophenyl-phenylether	1300	720	ug/Kg	55				0	0		
	4-Nitroaniline	1300	840	ug/Kg	65				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164081BS	4,6-Dinitro-2-methylphenol	1300	660	ug/Kg	51				0	0		
	N-Nitrosodiphenylamine	1300	730	ug/Kg	56				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	740	ug/Kg	57				0	0		
	4-Bromophenyl-phenylether	1300	790	ug/Kg	61				0	0		
	Hexachlorobenzene	1300	800	ug/Kg	62				0	0		
	Atrazine	1300	530	ug/Kg	41				0	0		
	Pentachlorophenol	1300	760	ug/Kg	58				0	0		
	Phenanthrene	1300	700	ug/Kg	54				0	0		
	Pentachlorobenzene	1300	690	ug/Kg	53				0	0		
	Anthracene	1300	690	ug/Kg	53				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	700	ug/Kg	54				0	0		
	Carbazole	1300	710	ug/Kg	55				0	0		
	Di-n-butylphthalate	1300	820	ug/Kg	63				0	0		
	Fluoranthene	1300	830	ug/Kg	64				0	0		
	Pyrene	1300	790	ug/Kg	61				0	0		
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0		
	3,3'-Dichlorobenzidine	1300	790	ug/Kg	61				0	0		
	Benzo(a)anthracene	1300	790	ug/Kg	61				0	0		
	Chrysene	1300	770	ug/Kg	59				0	0		
	Bis(2-ethylhexyl)phthalate	1300	950	ug/Kg	73				0	0		
	Di-n-octylphthalate	1300	910	ug/Kg	70				0	0		
	Benzo(b)fluoranthene	1300	770	ug/Kg	59				0	0		
	Benzo(k)fluoranthene	1300	760	ug/Kg	58				0	0		
	Benzo(a)pyrene	1300	740	ug/Kg	57				0	0		
	Indeno(1,2,3-cd)pyrene	1300	750	ug/Kg	58				0	0		
	Dibenzo(a,h)anthracene	1300	750	ug/Kg	58				0	0		
	Benzo(g,h,i)perylene	1300	750	ug/Kg	58				0	0		
	2,3,4,6-Tetrachlorophenol	1300	810	ug/Kg	62				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK836

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM101424

SAS No.: BM101424 SDG NO.: BM101424

Lab File ID: BM048048.D

Lab Sample ID: PB163836BL

Instrument ID: BNA_M

Date Extracted: 10/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/15/2024

Level: (low/med) LOW

Time Analyzed: 04:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4F14	P4238-04	BM048049.D	10/15/2024
A4F15	P4238-05	BM048050.D	10/15/2024
A4EY0	P4238-08	BM048051.D	10/15/2024
A4EY7	P4238-11	BM048052.D	10/15/2024
A4EZ6	P4238-14	BM048053.D	10/15/2024
A4EZ7	P4238-15	BM048054.D	10/15/2024
A4F00	P4238-16	BM048055.D	10/15/2024
A4EY8	P4238-12	BM048056.D	10/15/2024
A4EZ5	P4238-13	BM048057.D	10/15/2024
A4F01	P4238-17	BM048058.D	10/15/2024
A4EY5	P4238-09	BM048059.D	10/15/2024
PB163836BS	PB163836BS	BM048060.D	10/15/2024
A4F13	P4238-03	BM048039.D	10/14/2024
A4F18	P4238-06	BM048040.D	10/14/2024
A4EY6	P4238-10	BM048041.D	10/14/2024
A4F02	P4238-18	BM048042.D	10/15/2024
A4F06	P4238-19	BM048043.D	10/15/2024
A4F07	P4238-20	BM048044.D	10/15/2024
A4EQ8	P4238-01	BM048045.D	10/15/2024
A4F12	P4238-02	BM048046.D	10/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK884

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM101424

SAS No.: BM101424 SDG NO.: BM101424

Lab File ID: BM048025.D

Lab Sample ID: PB163884BL

Instrument ID: BNA_M

Date Extracted: 10/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/14/2024

Level: (low/med) LOW

Time Analyzed: 12:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4ET4	P4239-10	BM048034.D	10/14/2024
A4EG3	P4239-07	BM048035.D	10/14/2024
A4ET3	P4239-09	BM048036.D	10/14/2024
A4F08	P4239-01	BM048037.D	10/14/2024
A4EG7	P4239-08	BM048038.D	10/14/2024
A4EG1	P4239-05	BM048026.D	10/14/2024
A4EG2	P4239-06	BM048027.D	10/14/2024
A4EP3	P4239-16	BM048028.D	10/14/2024
A4EP4	P4239-17	BM048029.D	10/14/2024
A4EP5	P4239-18	BM048030.D	10/14/2024
A4EM6	P4239-15	BM048031.D	10/14/2024
A4F08	P4239-01	BM048071.D	10/15/2024
A4EG7	P4239-08	BM048072.D	10/15/2024
A4ET3	P4239-09	BM048073.D	10/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK081

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM101424

SAS No.: BM101424 SDG NO.: BM101424

Lab File ID: BM048062.D

Lab Sample ID: PB164081BL

Instrument ID: BNA_M

Date Extracted: 10/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/15/2024

Level: (low/med) LOW

Time Analyzed: 15:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EOAK5	P4350-04	BM048074.D	10/15/2024
EOAJ9	P4350-09	BM048075.D	10/16/2024
PB164081BS	PB164081BS	BM048076.D	10/16/2024
EOAK9	P4350-08	BM048065.D	10/15/2024
EOAK3	P4350-06	BM048066.D	10/15/2024
EOAK2	P4350-11	BM048067.D	10/15/2024
EOAK1	P4350-12	BM048068.D	10/15/2024
EOAK1MS	P4350-13MS	BM048069.D	10/15/2024
EOAK1MSD	P4350-14MSD	BM048070.D	10/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM101424

SAS No.: BM101424 SDG NO.: BM101424

Lab File ID: BM048064.D

Lab Sample ID: P4388-05

Instrument ID: BNA_M

Date Extracted: 10/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/15/2024

Level: (low/med) LOW

Time Analyzed: 17:08

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	P4388-05	BM048064.D	10/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM101424

SAS No.: BM101424 SDG NO.: BM101424

Lab File ID: BM048063.D

Lab Sample ID: P4388-10

Instrument ID: BNA_M

Date Extracted: 10/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/15/2024

Level: (low/med) LOW

Time Analyzed: 16:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P4388-10	BM048063.D	10/15/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4350-13MS	Client Sample ID:	EOAK1MS				DataFile:	BM048069.D			
1,4-Dioxane	670		420	ug/Kg	63				15	120	
Benzaldehyde	1700		1100	ug/Kg	65				0	0	
Pyridine	1700		1000	ug/Kg	59				0	0	
Phenol	1700	73	1400	ug/Kg	78				26	90	
Bis(2-chloroethyl)ether	1700		1200	ug/Kg	71				0	0	
2-Chlorophenol	1700		1400	ug/Kg	82				25	102	
2-Methylphenol	1700		1400	ug/Kg	82				0	0	
2,2-oxybis(1-Chloropropane)	1700		970	ug/Kg	57				0	0	
Acetophenone	1700		1300	ug/Kg	76				0	0	
4-Methylphenol	1700		1300	ug/Kg	76				0	0	
N-Nitroso-di-n-propylamine	1700		1200	ug/Kg	71				41	126	
Hexachloroethane	1700		1300	ug/Kg	76				0	0	
Nitrobenzene	1700		1200	ug/Kg	71				0	0	
Isophorone	1700		1300	ug/Kg	76				0	0	
2-Nitrophenol	1700		1700	ug/Kg	100				0	0	
2,4-Dimethylphenol	1700		1100	ug/Kg	65				0	0	
Bis(2-chloroethoxy)methane	1700		1300	ug/Kg	76				0	0	
2,4-Dichlorophenol	1700		1600	ug/Kg	94				0	0	
Naphthalene	1700		1400	ug/Kg	82				0	0	
4-Chloroaniline	1700		1100	ug/Kg	65				0	0	
Hexachlorobutadiene	1700		1500	ug/Kg	88				0	0	
Caprolactam	1700		1600	ug/Kg	94				0	0	
4-Chloro-3-methylphenol	1700		1500	ug/Kg	88				26	103	
1-Methylnaphthalene	1700		1500	ug/Kg	88				0	0	
2-Methylnaphthalene	1700		1500	ug/Kg	88				0	0	
Hexachlorocyclopentadiene	1700		1100	ug/Kg	65				0	0	
2,4,6-Trichlorophenol	1700		1600	ug/Kg	94				0	0	
2,4,5-Trichlorophenol	1700		1600	ug/Kg	94				0	0	
1,1'-Biphenyl	1700		1400	ug/Kg	82				0	0	
2-Chloronaphthalene	1700		1400	ug/Kg	82				0	0	
2-Nitroaniline	1700		1300	ug/Kg	76				0	0	
Dimethylphthalate	1700		1500	ug/Kg	88				0	0	
2,6-Dinitrotoluene	1700		1800	ug/Kg	106				0	0	
Acenaphthylene	1700		1400	ug/Kg	82				0	0	
3-Nitroaniline	1700		1500	ug/Kg	88				0	0	
Acenaphthene	1700		1400	ug/Kg	82				31	137	
2,4-Dinitrophenol	1700		1700	ug/Kg	100				0	0	
4-Nitrophenol	1700		1200	ug/Kg	71				11	114	
Dibenzofuran	1700		1400	ug/Kg	82				0	0	
2,4-Dinitrotoluene	1700		1700	ug/Kg	100	*			28	89	
Diethylphthalate	1700		1500	ug/Kg	88				0	0	
Fluorene	1700		1300	ug/Kg	76				0	0	
4-Chlorophenyl-phenylether	1700		1400	ug/Kg	82				0	0	
4-Nitroaniline	1700		1600	ug/Kg	94				0	0	
4,6-Dinitro-2-methylphenol	1700		1500	ug/Kg	88				0	0	
N-Nitrosodiphenylamine	1700		1400	ug/Kg	82				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1400	ug/Kg	82				0	0	
4-Bromophenyl-phenylether	1700		1600	ug/Kg	94				0	0	
Hexachlorobenzene	1700		1600	ug/Kg	94				0	0	
Atrazine	1700		1000	ug/Kg	59				0	0	
Pentachlorophenol	1700		1500	ug/Kg	88				17	109	
Phenanthrene	1700		1400	ug/Kg	82				0	0	
Pentachlorobenzene	1700		1400	ug/Kg	82				0	0	
Anthracene	1700		1300	ug/Kg	76				0	0	
1,2,3,4-Tetrachlorobenzene	1700		1400	ug/Kg	82				0	0	
Carbazole	1700		1400	ug/Kg	82				0	0	
Di-n-butylphthalate	1700		1600	ug/Kg	94				0	0	
Fluoranthene	1700		1600	ug/Kg	94				0	0	
Pyrene	1700		1500	ug/Kg	88				35	142	
Butylbenzylphthalate	1700		1900	ug/Kg	112				0	0	
3,3'-Dichlorobenzidine	1700		1500	ug/Kg	88				0	0	
Benzo(a)anthracene	1700		1500	ug/Kg	88				0	0	
Chrysene	1700		1500	ug/Kg	88				0	0	
Bis(2-ethylhexyl)phthalate	1700		1800	ug/Kg	106				0	0	
Di-n-octylphthalate	1700		1700	ug/Kg	100				0	0	
Benzo(b)fluoranthene	1700		1500	ug/Kg	88				0	0	
Benzo(k)fluoranthene	1700		1500	ug/Kg	88				0	0	
Benzo(a)pyrene	1700		1400	ug/Kg	82				0	0	
Indeno(1,2,3-cd)pyrene	1700		1500	ug/Kg	88				0	0	
Dibenzo(a,h)anthracene	1700		1500	ug/Kg	88				0	0	
Benzo(g,h,i)perylene	1700		1500	ug/Kg	88				0	0	
2,3,4,6-Tetrachlorophenol	1700		1600	ug/Kg	94				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4350-14MSD	Client Sample ID:	EOAK1MSD					DataFile:	BM048070.D		
1,4-Dioxane	670		420	ug/Kg	63	0			15	120	50
Benzaldehyde	1700		1200	ug/Kg	71	9	*		0	0	0
Pyridine	1700		1100	ug/Kg	65	10	*		0	0	0
Phenol	1700	73	1400	ug/Kg	78	0			26	90	35
Bis(2-chloroethyl)ether	1700		1300	ug/Kg	76	7	*		0	0	0
2-Chlorophenol	1700		1500	ug/Kg	88	7			25	102	50
2-Methylphenol	1700		1400	ug/Kg	82	0			0	0	0
2,2-oxybis(1-Chloropropane)	1700		1000	ug/Kg	59	3	*		0	0	0
Acetophenone	1700		1400	ug/Kg	82	8	*		0	0	0
4-Methylphenol	1700		1400	ug/Kg	82	8	*		0	0	0
N-Nitroso-di-n-propylamine	1700		1200	ug/Kg	71	0			41	126	38
Hexachloroethane	1700		1400	ug/Kg	82	8	*		0	0	0
Nitrobenzene	1700		1300	ug/Kg	76	7	*		0	0	0
Isophorone	1700		1400	ug/Kg	82	8	*		0	0	0
2-Nitrophenol	1700		1800	ug/Kg	106	6	*		0	0	0
2,4-Dimethylphenol	1700		1200	ug/Kg	71	9	*		0	0	0
Bis(2-chloroethoxy)methane	1700		1400	ug/Kg	82	8	*		0	0	0
2,4-Dichlorophenol	1700		1700	ug/Kg	100	6	*		0	0	0
Naphthalene	1700		1500	ug/Kg	88	7	*		0	0	0
4-Chloroaniline	1700		1100	ug/Kg	65	0			0	0	0
Hexachlorobutadiene	1700		1600	ug/Kg	94	7	*		0	0	0
Caprolactam	1700		1700	ug/Kg	100	6	*		0	0	0
4-Chloro-3-methylphenol	1700		1600	ug/Kg	94	7			26	103	33
1-Methylnaphthalene	1700		1500	ug/Kg	88	0			0	0	0
2-Methylnaphthalene	1700		1600	ug/Kg	94	7	*		0	0	0
Hexachlorocyclopentadiene	1700		1200	ug/Kg	71	9	*		0	0	0
2,4,6-Trichlorophenol	1700		1700	ug/Kg	100	6	*		0	0	0
2,4,5-Trichlorophenol	1700		1700	ug/Kg	100	6	*		0	0	0
1,1'-Biphenyl	1700		1500	ug/Kg	88	7	*		0	0	0
2-Chloronaphthalene	1700		1500	ug/Kg	88	7	*		0	0	0
2-Nitroaniline	1700		1400	ug/Kg	82	8	*		0	0	0
Dimethylphthalate	1700		1600	ug/Kg	94	7	*		0	0	0
2,6-Dinitrotoluene	1700		1900	ug/Kg	112	6	*		0	0	0
Acenaphthylene	1700		1500	ug/Kg	88	7	*		0	0	0
3-Nitroaniline	1700		1700	ug/Kg	100	13	*		0	0	0
Acenaphthene	1700		1400	ug/Kg	82	0			31	137	19
2,4-Dinitrophenol	1700		1800	ug/Kg	106	6	*		0	0	0
4-Nitrophenol	1700		1300	ug/Kg	76	7			11	114	50
Dibenzofuran	1700		1500	ug/Kg	88	7	*		0	0	0
2,4-Dinitrotoluene	1700		1800	ug/Kg	106	*	6		28	89	47
Diethylphthalate	1700		1600	ug/Kg	94	7	*		0	0	0
Fluorene	1700		1400	ug/Kg	82	8	*		0	0	0
4-Chlorophenyl-phenylether	1700		1500	ug/Kg	88	7	*		0	0	0
4-Nitroaniline	1700		1800	ug/Kg	106	12	*		0	0	0
4,6-Dinitro-2-methylphenol	1700		1700	ug/Kg	100	13	*		0	0	0
N-Nitrosodiphenylamine	1700		1500	ug/Kg	88	7	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1700		1500	ug/Kg	88	7	*		0	0	0
4-Bromophenyl-phenylether	1700		1600	ug/Kg	94	0			0	0	0
Hexachlorobenzene	1700		1600	ug/Kg	94	0			0	0	0
Atrazine	1700		1100	ug/Kg	65	10	*		0	0	0
Pentachlorophenol	1700		1600	ug/Kg	94	7			17	109	47
Phenanthrene	1700		1500	ug/Kg	88	7	*		0	0	0
Pentachlorobenzene	1700		1400	ug/Kg	82	0			0	0	0
Anthracene	1700		1400	ug/Kg	82	8	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1500	ug/Kg	88	7	*		0	0	0
Carbazole	1700		1500	ug/Kg	88	7	*		0	0	0
Di-n-butylphthalate	1700		1700	ug/Kg	100	6	*		0	0	0
Fluoranthene	1700		1700	ug/Kg	100	6	*		0	0	0
Pyrene	1700		1600	ug/Kg	94	7			35	142	36
Butylbenzylphthalate	1700		2000	ug/Kg	118	5	*		0	0	0
3,3'-Dichlorobenzidine	1700		1600	ug/Kg	94	7	*		0	0	0
Benzo(a)anthracene	1700		1600	ug/Kg	94	7	*		0	0	0
Chrysene	1700		1600	ug/Kg	94	7	*		0	0	0
Bis(2-ethylhexyl)phthalate	1700		1900	ug/Kg	112	6	*		0	0	0
Di-n-octylphthalate	1700		1800	ug/Kg	106	6	*		0	0	0
Benzo(b)fluoranthene	1700		1600	ug/Kg	94	7	*		0	0	0
Benzo(k)fluoranthene	1700		1500	ug/Kg	88	0			0	0	0
Benzo(a)pyrene	1700		1500	ug/Kg	88	7	*		0	0	0
Indeno(1,2,3-cd)pyrene	1700		1600	ug/Kg	94	7	*		0	0	0
Dibenzo(a,h)anthracene	1700		1500	ug/Kg	88	0			0	0	0
Benzo(g,h,i)perylene	1700		1600	ug/Kg	94	7	*		0	0	0
2,3,4,6-Tetrachlorophenol	1700		1700	ug/Kg	100	6	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4238-01	A4EQ8	BM048045.D	1,4-Dioxane-d8	8	2.67	33		15	120
			Pyridine-d5	40	11.99	30		20	120
			Phenol-d5	40	15.52	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.75	32		10	150
			2-Chlorophenol-d4	40	18.05	45		15	120
			4-Methylphenol-d8	40	16.56	41		10	140
			Nitrobenzene-d5	40	18.78	47		10	135
			2-Nitrophenol-d4	40	21.98	55		10	120
			2,4-Dichlorophenol-d3	40	19.31	48		10	140
			4-Chloroaniline-d4	40	16.02	40		1	145
			Dimethylphthalate-d6	40	19.55	49		10	145
			Acenaphthylene-d8	40	19.94	50		15	120
			4-Nitrophenol-d4	40	12.93	32		10	150
			Fluorene-d10	40	20.40	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.70	27		10	130
			Anthracene-d10	40	20.08	50		10	150
			Pyrene-d10	40	21.63	54		10	130
			Benzo(a)pyrene-d12	40	21.04	53		10	140
P4238-02	A4F12	BM048046.D	1,4-Dioxane-d8	8	1.21	15		15	120
			Pyridine-d5	40	0.72	2	*	20	120
			Phenol-d5	40	6.38	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.54	14		10	150
			2-Chlorophenol-d4	40	7.80	19		15	120
			4-Methylphenol-d8	40	5.65	14		10	140
			Nitrobenzene-d5	40	7.62	19		10	135
			2-Nitrophenol-d4	40	8.55	21		10	120
			2,4-Dichlorophenol-d3	40	7.81	20		10	140
			4-Chloroaniline-d4	40	1.69	4		1	145
			Dimethylphthalate-d6	40	8.27	21		10	145
			Acenaphthylene-d8	40	8.20	21		15	120
			4-Nitrophenol-d4	40	4.00	10		10	150
			Fluorene-d10	40	8.87	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.79	9	*	10	130
			Anthracene-d10	40	8.49	21		10	150
			Pyrene-d10	40	8.47	21		10	130
			Benzo(a)pyrene-d12	40	6.11	15		10	140
P4238-03	A4F13	BM048039.D	1,4-Dioxane-d8	8	1.74	22		15	120
			Pyridine-d5	40	0.64	2	*	20	120
			Phenol-d5	40	9.43	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.04	20		10	150
			2-Chlorophenol-d4	40	11.27	28		15	120
			4-Methylphenol-d8	40	8.96	22		10	140
			Nitrobenzene-d5	40	11.13	28		10	135
			2-Nitrophenol-d4	40	12.68	32		10	120
			2,4-Dichlorophenol-d3	40	11.22	28		10	140
			4-Chloroaniline-d4	40	7.30	18		1	145
			Dimethylphthalate-d6	40	11.03	28		10	145
			Acenaphthylene-d8	40	11.24	28		15	120
			4-Nitrophenol-d4	40	6.99	17		10	150

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4238-03	A4F13	BM048039.D	Fluorene-d10	40	11.55	29		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.44	14		10	130
			Anthracene-d10	40	11.19	28		10	150
			Pyrene-d10	40	11.07	28		10	130
			Benzo(a)pyrene-d12	40	8.82	22		10	140
P4238-04	A4F14	BM048049.D	1,4-Dioxane-d8	8	2.27	28		15	120
			Pyridine-d5	40	9.52	24		20	120
			Phenol-d5	40	12.99	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.61	27		10	150
			2-Chlorophenol-d4	40	15.05	38		15	120
			4-Methylphenol-d8	40	13.83	35		10	140
			Nitrobenzene-d5	40	15.24	38		10	135
			2-Nitrophenol-d4	40	17.81	45		10	120
			2,4-Dichlorophenol-d3	40	15.98	40		10	140
			4-Chloroaniline-d4	40	12.75	32		1	145
			Dimethylphthalate-d6	40	16.34	41		10	145
			Acenaphthylene-d8	40	16.53	41		15	120
			4-Nitrophenol-d4	40	11.46	29		10	150
			Fluorene-d10	40	17.12	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.90	25		10	130
			Anthracene-d10	40	17.04	43		10	150
			Pyrene-d10	40	18.08	45		10	130
			Benzo(a)pyrene-d12	40	17.93	45		10	140
			1,4-Dioxane-d8	8	1.08	14	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
P4238-05	A4F15	BM048050.D	Phenol-d5	40	6.14	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.25	13		10	150
			2-Chlorophenol-d4	40	7.58	19		15	120
			4-Methylphenol-d8	40	5.48	14		10	140
			Nitrobenzene-d5	40	7.19	18		10	135
			2-Nitrophenol-d4	40	8.19	20		10	120
			2,4-Dichlorophenol-d3	40	7.43	19		10	140
			4-Chloroaniline-d4	40	0.85	2		1	145
			Dimethylphthalate-d6	40	7.37	18		10	145
			Acenaphthylene-d8	40	7.30	18		15	120
			4-Nitrophenol-d4	40	4.41	11		10	150
			Fluorene-d10	40	7.89	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.70	9	*	10	130
			Anthracene-d10	40	7.70	19		10	150
			Pyrene-d10	40	7.60	19		10	130
			Benzo(a)pyrene-d12	40	5.39	13		10	140
			1,4-Dioxane-d8	8	2.01	25		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	10.87	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.17	23		10	150
P4238-06	A4F18	BM048040.D	2-Chlorophenol-d4	40	12.89	32		15	120
			4-Methylphenol-d8	40	10.00	25		10	140
			Nitrobenzene-d5	40	12.43	31		10	135
			2-Nitrophenol-d4	40	14.01	35		10	120

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4238-06	A4F18	BM048040.D	2,4-Dichlorophenol-d3	40	12.72	32		10	140
			4-Chloroaniline-d4	40	8.99	22		1	145
			Dimethylphthalate-d6	40	12.76	32		10	145
			Acenaphthylene-d8	40	12.94	32		15	120
			4-Nitrophenol-d4	40	8.55	21		10	150
			Fluorene-d10	40	13.53	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.13	15		10	130
			Anthracene-d10	40	12.97	32		10	150
			Pyrene-d10	40	12.84	32		10	130
			Benzo(a)pyrene-d12	40	9.79	24		10	140
P4238-08	A4EY0	BM048051.D	1,4-Dioxane-d8	8	1.12	14	*	15	120
			Pyridine-d5	40	0.58	1	*	20	120
			Phenol-d5	40	5.95	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	4.93	12		10	150
			2-Chlorophenol-d4	40	7.12	18		15	120
			4-Methylphenol-d8	40	6.00	15		10	140
			Nitrobenzene-d5	40	6.65	17		10	135
			2-Nitrophenol-d4	40	7.68	19		10	120
			2,4-Dichlorophenol-d3	40	7.06	18		10	140
			4-Chloroaniline-d4	40	1.13	3		1	145
			Dimethylphthalate-d6	40	7.18	18		10	145
			Acenaphthylene-d8	40	7.10	18		15	120
			4-Nitrophenol-d4	40	3.53	9	*	10	150
			Fluorene-d10	40	7.51	19	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.75	7	*	10	130
			Anthracene-d10	40	7.44	19		10	150
			Pyrene-d10	40	7.36	18		10	130
			Benzo(a)pyrene-d12	40	5.16	13		10	140
P4238-09	A4EY5	BM048059.D	1,4-Dioxane-d8	8	1.02	13	*	15	120
			Pyridine-d5	40	0.46	1	*	20	120
			Phenol-d5	40	5.38	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	4.51	11		10	150
			2-Chlorophenol-d4	40	6.60	16		15	120
			4-Methylphenol-d8	40	4.94	12		10	140
			Nitrobenzene-d5	40	6.35	16		10	135
			2-Nitrophenol-d4	40	7.09	18		10	120
			2,4-Dichlorophenol-d3	40	6.58	16		10	140
			4-Chloroaniline-d4	40	2.26	6		1	145
			Dimethylphthalate-d6	40	6.69	17		10	145
			Acenaphthylene-d8	40	6.63	17		15	120
			4-Nitrophenol-d4	40	3.42	9	*	10	150
			Fluorene-d10	40	6.92	17	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.57	4	*	10	130
			Anthracene-d10	40	6.90	17		10	150
			Pyrene-d10	40	6.85	17		10	130
			Benzo(a)pyrene-d12	40	4.83	12		10	140
P4238-10	A4EY6	BM048041.D	1,4-Dioxane-d8	8	1.85	23		15	120
			Pyridine-d5	40	7.92	20		20	120
			Phenol-d5	40	10.31	26		10	130

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4238-10	A4EY6	BM048041.D	Bis(2-Chloroethyl)ether-d8	40	8.49	21		10	150
			2-Chlorophenol-d4	40	12.29	31		15	120
			4-Methylphenol-d8	40	11.25	28		10	140
			Nitrobenzene-d5	40	12.23	31		10	135
			2-Nitrophenol-d4	40	14.35	36		10	120
			2,4-Dichlorophenol-d3	40	12.81	32		10	140
			4-Chloroaniline-d4	40	10.67	27		1	145
			Dimethylphthalate-d6	40	13.31	33		10	145
			Acenaphthylene-d8	40	13.20	33		15	120
			4-Nitrophenol-d4	40	7.28	18		10	150
			Fluorene-d10	40	13.94	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.09	18		10	130
			Anthracene-d10	40	13.71	34		10	150
			Pyrene-d10	40	14.77	37		10	130
			Benzo(a)pyrene-d12	40	14.69	37		10	140
P4238-11	A4EY7	BM048052.D	1,4-Dioxane-d8	8	0.79	10	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	8.78	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.03	18		10	150
			2-Chlorophenol-d4	40	10.41	26		15	120
			4-Methylphenol-d8	40	8.75	22		10	140
			Nitrobenzene-d5	40	10.54	26		10	135
			2-Nitrophenol-d4	40	12.48	31		10	120
			2,4-Dichlorophenol-d3	40	11.02	28		10	140
			4-Chloroaniline-d4	40	0.63	2		1	145
			Dimethylphthalate-d6	40	10.87	27		10	145
			Acenaphthylene-d8	40	11.05	28		15	120
			4-Nitrophenol-d4	40	7.42	19		10	150
			Fluorene-d10	40	11.37	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.54	11		10	130
			Anthracene-d10	40	11.14	28		10	150
			Pyrene-d10	40	11.77	29		10	130
P4238-12	A4EY8	BM048056.D	Benzo(a)pyrene-d12	40	7.79	19		10	140
			1,4-Dioxane-d8	8	1.06	13	*	15	120
			Pyridine-d5	40	0.52	1	*	20	120
			Phenol-d5	40	6.54	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.38	13		10	150
			2-Chlorophenol-d4	40	7.73	19		15	120
			4-Methylphenol-d8	40	6.24	16		10	140
			Nitrobenzene-d5	40	7.60	19		10	135
			2-Nitrophenol-d4	40	8.93	22		10	120
			2,4-Dichlorophenol-d3	40	8.00	20		10	140
			4-Chloroaniline-d4	40	2.12	5		1	145
			Dimethylphthalate-d6	40	8.13	20		10	145
			Acenaphthylene-d8	40	8.03	20		15	120
			4-Nitrophenol-d4	40	4.86	12		10	150
			Fluorene-d10	40	8.42	21		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.19	5	*	10	130
			Anthracene-d10	40	8.40	21		10	150

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4238-12	A4EY8	BM048056.D	Pyrene-d10	40	8.47	21		10	130
			Benzo(a)pyrene-d12	40	5.87	15		10	140
P4238-13	A4EZ5	BM048057.D	1,4-Dioxane-d8	8	1.04	13	*	15	120
			Pyridine-d5	40	0.61	2	*	20	120
			Phenol-d5	40	5.30	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	4.89	12		10	150
			2-Chlorophenol-d4	40	6.88	17		15	120
			4-Methylphenol-d8	40	4.17	10		10	140
			Nitrobenzene-d5	40	6.93	17		10	135
			2-Nitrophenol-d4	40	7.89	20		10	120
			2,4-Dichlorophenol-d3	40	6.97	17		10	140
			4-Chloroaniline-d4	40	1.79	4		1	145
			Dimethylphthalate-d6	40	7.51	19		10	145
			Acenaphthylene-d8	40	7.93	20		15	120
			4-Nitrophenol-d4	40	3.45	9	*	10	150
			Fluorene-d10	40	8.52	21		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.82	5	*	10	130
			Anthracene-d10	40	8.34	21		10	150
			Pyrene-d10	40	8.27	21		10	130
			Benzo(a)pyrene-d12	40	5.86	15		10	140
P4238-14	A4EZ6	BM048053.D	1,4-Dioxane-d8	8	1.15	14	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	6.11	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.45	14		10	150
			2-Chlorophenol-d4	40	7.86	20		15	120
			4-Methylphenol-d8	40	4.97	12		10	140
			Nitrobenzene-d5	40	8.00	20		10	135
			2-Nitrophenol-d4	40	9.25	23		10	120
			2,4-Dichlorophenol-d3	40	8.18	20		10	140
			4-Chloroaniline-d4	40	2.13	5		1	145
			Dimethylphthalate-d6	40	8.86	22		10	145
			Acenaphthylene-d8	40	8.88	22		15	120
			4-Nitrophenol-d4	40	4.08	10		10	150
			Fluorene-d10	40	9.53	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.81	7	*	10	130
			Anthracene-d10	40	9.48	24		10	150
			Pyrene-d10	40	9.71	24		10	130
			Benzo(a)pyrene-d12	40	6.63	17		10	140
P4238-15	A4EZ7	BM048054.D	1,4-Dioxane-d8	8	2.08	26		15	120
			Pyridine-d5	40	5.67	14	*	20	120
			Phenol-d5	40	12.47	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.28	26		10	150
			2-Chlorophenol-d4	40	15.11	38		15	120
			4-Methylphenol-d8	40	12.22	31		10	140
			Nitrobenzene-d5	40	15.38	38		10	135
			2-Nitrophenol-d4	40	18.34	46		10	120
			2,4-Dichlorophenol-d3	40	16.73	42		10	140
			4-Chloroaniline-d4	40	10.44	26		1	145
			Dimethylphthalate-d6	40	17.42	44		10	145

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4238-15	A4EZ7	BM048054.D	Acenaphthylene-d8	40	17.77	44		15	120
			4-Nitrophenol-d4	40	8.85	22		10	150
			Fluorene-d10	40	18.91	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.20	15		10	130
			Anthracene-d10	40	19.49	49		10	150
			Pyrene-d10	40	21.63	54		10	130
			Benzo(a)pyrene-d12	40	21.03	53		10	140
P4238-16	A4F00	BM048055.D	1,4-Dioxane-d8	8	2.03	25		15	120
			Pyridine-d5	40	7.19	18	*	20	120
			Phenol-d5	40	11.85	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.95	25		10	150
			2-Chlorophenol-d4	40	14.82	37		15	120
			4-Methylphenol-d8	40	12.54	31		10	140
			Nitrobenzene-d5	40	14.45	36		10	135
			2-Nitrophenol-d4	40	17.08	43		10	120
			2,4-Dichlorophenol-d3	40	15.96	40		10	140
			4-Chloroaniline-d4	40	10.40	26		1	145
			Dimethylphthalate-d6	40	16.15	40		10	145
			Acenaphthylene-d8	40	16.86	42		15	120
			4-Nitrophenol-d4	40	8.54	21		10	150
			Fluorene-d10	40	18.38	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.80	12		10	130
			Anthracene-d10	40	19.05	48		10	150
			Pyrene-d10	40	21.51	54		10	130
			Benzo(a)pyrene-d12	40	20.62	52		10	140
			1,4-Dioxane-d8	8	1.80	22		15	120
			Pyridine-d5	40	6.77	17	*	20	120
			Phenol-d5	40	10.10	25		10	130
P4238-17	A4F01	BM048058.D	Bis(2-Chloroethyl)ether-d8	40	7.19	18		10	150
			2-Chlorophenol-d4	40	11.45	29		15	120
			4-Methylphenol-d8	40	10.32	26		10	140
			Nitrobenzene-d5	40	10.76	27		10	135
			2-Nitrophenol-d4	40	12.57	31		10	120
			2,4-Dichlorophenol-d3	40	12.36	31		10	140
			4-Chloroaniline-d4	40	8.91	22		1	145
			Dimethylphthalate-d6	40	13.88	35		10	145
			Acenaphthylene-d8	40	13.26	33		15	120
			4-Nitrophenol-d4	40	8.44	21		10	150
			Fluorene-d10	40	14.60	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.97	10		10	130
			Anthracene-d10	40	15.44	39		10	150
			Pyrene-d10	40	17.04	43		10	130
			Benzo(a)pyrene-d12	40	16.85	42		10	140
			1,4-Dioxane-d8	8	1.11	14	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
P4238-18	A4F02	BM048042.D	Phenol-d5	40	5.86	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	4.60	11		10	150
			2-Chlorophenol-d4	40	6.82	17		15	120
			4-Methylphenol-d8	40	4.51	11		10	140

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4238-18	A4F02	BM048042.D	Nitrobenzene-d5	40	6.51	16		10	135
			2-Nitrophenol-d4	40	7.33	18		10	120
			2,4-Dichlorophenol-d3	40	6.84	17		10	140
			4-Chloroaniline-d4	40	2.88	7		1	145
			Dimethylphthalate-d6	40	7.43	19		10	145
			Acenaphthylene-d8	40	7.23	18		15	120
			4-Nitrophenol-d4	40	4.16	10		10	150
			Fluorene-d10	40	7.96	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.64	9	*	10	130
			Anthracene-d10	40	8.19	20		10	150
			Pyrene-d10	40	7.67	19		10	130
			Benzo(a)pyrene-d12	40	5.76	14		10	140
P4238-19	A4F06	BM048043.D	1,4-Dioxane-d8	8	1.66	21		15	120
			Pyridine-d5	40	1.20	3	*	20	120
			Phenol-d5	40	9.61	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.84	20		10	150
			2-Chlorophenol-d4	40	11.30	28		15	120
			4-Methylphenol-d8	40	8.28	21		10	140
			Nitrobenzene-d5	40	10.91	27		10	135
			2-Nitrophenol-d4	40	12.72	32		10	120
			2,4-Dichlorophenol-d3	40	11.33	28		10	140
			4-Chloroaniline-d4	40	4.91	12		1	145
			Dimethylphthalate-d6	40	11.97	30		10	145
			Acenaphthylene-d8	40	11.81	30		15	120
			4-Nitrophenol-d4	40	6.12	15		10	150
			Fluorene-d10	40	12.72	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.63	14		10	130
			Anthracene-d10	40	12.40	31		10	150
			Pyrene-d10	40	12.34	31		10	130
P4238-20	A4F07	BM048044.D	Benzo(a)pyrene-d12	40	9.13	23		10	140
			1,4-Dioxane-d8	8	1.20	15		15	120
			Pyridine-d5	40	0.53	1	*	20	120
			Phenol-d5	40	5.01	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	4.49	11		10	150
			2-Chlorophenol-d4	40	6.13	15		15	120
			4-Methylphenol-d8	40	3.16	8	*	10	140
			Nitrobenzene-d5	40	6.31	16		10	135
			2-Nitrophenol-d4	40	7.19	18		10	120
			2,4-Dichlorophenol-d3	40	6.18	15		10	140
			4-Chloroaniline-d4	40	1.40	3		1	145
			Dimethylphthalate-d6	40	7.15	18		10	145
			Acenaphthylene-d8	40	7.03	18		15	120
			4-Nitrophenol-d4	40	4.25	11		10	150
			Fluorene-d10	40	7.51	19	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.66	9	*	10	130
			Anthracene-d10	40	7.57	19		10	150
			Pyrene-d10	40	7.22	18		10	130
PB163836BL	PB163836BL	BM048048.D	Benzo(a)pyrene-d12	40	5.35	13		10	140
			1,4-Dioxane-d8	8	4.26	53		15	120

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163836BL	PB163836BL	BM048048.D	Pyridine-d5	40	19.41	49		20	120
			Phenol-d5	40	21.64	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.22	46		10	150
			2-Chlorophenol-d4	40	25.87	65		15	120
			4-Methylphenol-d8	40	22.45	56		10	140
			Nitrobenzene-d5	40	26.26	66		10	135
			2-Nitrophenol-d4	40	29.91	75		10	120
			2,4-Dichlorophenol-d3	40	25.27	63		10	140
			4-Chloroaniline-d4	40	23.34	58		1	145
			Dimethylphthalate-d6	40	25.37	63		10	145
			Acenaphthylene-d8	40	25.48	64		15	120
			4-Nitrophenol-d4	40	19.50	49		10	150
			Fluorene-d10	40	25.63	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.37	46		10	130
			Anthracene-d10	40	26.08	65		10	150
			Pyrene-d10	40	26.68	67		10	130
			Benzo(a)pyrene-d12	40	27.55	69		10	140
PB163836BS	PB163836BS	BM048060.D	1,4-Dioxane-d8	8	3.88	48		15	120
			Pyridine-d5	40	18.76	47		20	120
			Phenol-d5	40	21.95	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.46	44		10	150
			2-Chlorophenol-d4	40	25.93	65		15	120
			4-Methylphenol-d8	40	22.98	57		10	140
			Nitrobenzene-d5	40	26.32	66		10	135
			2-Nitrophenol-d4	40	30.14	75		10	120
			2,4-Dichlorophenol-d3	40	27.11	68		10	140
			4-Chloroaniline-d4	40	23.51	59		1	145
			Dimethylphthalate-d6	40	23.92	60		10	145
			Acenaphthylene-d8	40	24.54	61		15	120
			4-Nitrophenol-d4	40	24.80	62		10	150
			Fluorene-d10	40	24.58	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.42	44		10	130
			Anthracene-d10	40	24.01	60		10	150
			Pyrene-d10	40	27.29	68		10	130
			Benzo(a)pyrene-d12	40	25.93	65		10	140

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4239-01	A4F08	BM048037.D	1,4-Dioxane-d8	8	1.61	20		15	120
			Pyridine-d5	40	0.00	0	*	20	120
		BM048071.D	1,4-Dioxane-d8	8	1.71	21		15	120
			Pyridine-d5	40	0.00	0	*	20	120
		BM048037.D	Phenol-d5	40	8.73	22		10	130
			Phenol-d5	40	8.39	21		10	130
		BM048071.D	Bis(2-Chloroethyl)ether-d8	40	7.39	18		10	150
			Bis(2-Chloroethyl)ether-d8	40	7.71	19		10	150
		BM048037.D	2-Chlorophenol-d4	40	10.72	27		15	120
			2-Chlorophenol-d4	40	10.36	26		15	120
		BM048071.D	4-Methylphenol-d8	40	7.16	18		10	140
			4-Methylphenol-d8	40	8.24	21		10	140
		BM048037.D	Nitrobenzene-d5	40	10.29	26		10	135
			Nitrobenzene-d5	40	10.16	25		10	135
		BM048071.D	2-Nitrophenol-d4	40	11.67	29		10	120
			2-Nitrophenol-d4	40	11.74	29		10	120
		BM048037.D	2,4-Dichlorophenol-d3	40	9.97	25		10	140
			2,4-Dichlorophenol-d3	40	10.01	25		10	140
		BM048071.D	4-Chloroaniline-d4	40	7.27	18		1	145
			4-Chloroaniline-d4	40	7.41	19		1	145
		BM048037.D	Dimethylphthalate-d6	40	10.52	26		10	145
			Dimethylphthalate-d6	40	10.12	25		10	145
		BM048071.D	Acenaphthylene-d8	40	10.16	25		15	120
			Acenaphthylene-d8	40	10.24	26		15	120
		BM048037.D	4-Nitrophenol-d4	40	5.60	14		10	150
			4-Nitrophenol-d4	40	5.86	15		10	150
		BM048071.D	Fluorene-d10	40	10.63	27		20	140
			Fluorene-d10	40	10.89	27		20	140
		BM048037.D	4,6-Dinitro-2-methylphenol-d2	40	6.36	16		10	130
			4,6-Dinitro-2-methylphenol-d2	40	4.99	12		10	130
		BM048071.D	Anthracene-d10	40	9.84	25		10	150
			Anthracene-d10	40	10.40	26		10	150
		BM048037.D	Pyrene-d10	40	10.52	26		10	130
			Pyrene-d10	40	10.40	26		10	130
		BM048071.D	Benzo(a)pyrene-d12	40	7.94	20		10	140
			Benzo(a)pyrene-d12	40	8.10	20		10	140
P4239-05	A4EG1	BM048026.D	1,4-Dioxane-d8	8	1.29	16		15	120
			Pyridine-d5	40	0.61	2	*	20	120
			Phenol-d5	40	7.54	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.68	17		10	150
			2-Chlorophenol-d4	40	9.09	23		15	120
			4-Methylphenol-d8	40	7.14	18		10	140
			Nitrobenzene-d5	40	8.94	22		10	135
			2-Nitrophenol-d4	40	9.89	25		10	120
			2,4-Dichlorophenol-d3	40	8.95	22		10	140
			4-Chloroaniline-d4	40	1.91	5		1	145
			Dimethylphthalate-d6	40	9.01	23		10	145
			Acenaphthylene-d8	40	8.86	22		15	120
			4-Nitrophenol-d4	40	5.34	13		10	150

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4239-05	A4EG1	BM048026.D	Fluorene-d10	40	9.46	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.93	17		10	130
			Anthracene-d10	40	9.09	23		10	150
			Pyrene-d10	40	9.38	23		10	130
			Benzo(a)pyrene-d12	40	6.96	17		10	140
P4239-06	A4EG2	BM048027.D	1,4-Dioxane-d8	8	1.20	15		15	120
			Pyridine-d5	40	0.55	1	*	20	120
			Phenol-d5	40	6.56	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.91	15		10	150
			2-Chlorophenol-d4	40	8.20	20		15	120
			4-Methylphenol-d8	40	4.33	11		10	140
			Nitrobenzene-d5	40	8.27	21		10	135
			2-Nitrophenol-d4	40	9.34	23		10	120
			2,4-Dichlorophenol-d3	40	8.04	20		10	140
			4-Chloroaniline-d4	40	1.36	3		1	145
			Dimethylphthalate-d6	40	8.55	21		10	145
			Acenaphthylene-d8	40	8.36	21		15	120
			4-Nitrophenol-d4	40	4.68	12		10	150
			Fluorene-d10	40	8.91	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.38	13		10	130
			Anthracene-d10	40	8.48	21		10	150
			Pyrene-d10	40	9.11	23		10	130
			Benzo(a)pyrene-d12	40	6.43	16		10	140
			1,4-Dioxane-d8	8	1.33	17		15	120
			Pyridine-d5	40	0.49	1	*	20	120
			Phenol-d5	40	7.34	18		10	130
P4239-07	A4EG3	BM048035.D	Bis(2-Chloroethyl)ether-d8	40	6.39	16		10	150
			2-Chlorophenol-d4	40	9.07	23		15	120
			4-Methylphenol-d8	40	6.00	15		10	140
			Nitrobenzene-d5	40	9.01	23		10	135
			2-Nitrophenol-d4	40	10.06	25		10	120
			2,4-Dichlorophenol-d3	40	8.96	22		10	140
			4-Chloroaniline-d4	40	3.43	9		1	145
			Dimethylphthalate-d6	40	9.33	23		10	145
			Acenaphthylene-d8	40	9.25	23		15	120
			4-Nitrophenol-d4	40	5.18	13		10	150
			Fluorene-d10	40	9.92	25		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.54	11		10	130
			Anthracene-d10	40	9.06	23		10	150
			Pyrene-d10	40	9.60	24		10	130
			Benzo(a)pyrene-d12	40	7.14	18		10	140
			1,4-Dioxane-d8	8	3.13	39		15	120
			Pyridine-d5	40	14.73	37		20	120
		BM048072.D	1,4-Dioxane-d8	8	3.84	48		15	120
			Pyridine-d5	40	18.10	45		20	120
		BM048038.D	Phenol-d5	40	21.63	54		10	130
			Phenol-d5	40	17.71	44		10	130
P4239-08	A4EG7	BM048038.D	Bis(2-Chloroethyl)ether-d8	40	14.91	37		10	150
			Bis(2-Chloroethyl)ether-d8	40	18.67	47		10	150
		BM048072.D	Bis(2-Chloroethyl)ether-d8	40	18.67	47		10	150
			Bis(2-Chloroethyl)ether-d8	40	18.67	47		10	150

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4239-08	A4EG7	BM048072.D	2-Chlorophenol-d4	40	25.76	64		15	120
		BM048038.D	2-Chlorophenol-d4	40	21.32	53		15	120
			4-Methylphenol-d8	40	19.05	48		10	140
		BM048072.D	4-Methylphenol-d8	40	23.67	59		10	140
			Nitrobenzene-d5	40	25.40	64		10	135
		BM048038.D	Nitrobenzene-d5	40	21.86	55		10	135
			2-Nitrophenol-d4	40	25.31	63		10	120
		BM048072.D	2-Nitrophenol-d4	40	30.15	75		10	120
			2,4-Dichlorophenol-d3	40	25.60	64		10	140
		BM048038.D	2,4-Dichlorophenol-d3	40	22.00	55		10	140
			4-Chloroaniline-d4	40	19.36	48		1	145
		BM048072.D	4-Chloroaniline-d4	40	23.05	58		1	145
			Dimethylphthalate-d6	40	26.49	66		10	145
		BM048038.D	Dimethylphthalate-d6	40	21.45	54		10	145
			Acenaphthylene-d8	40	21.94	55		15	120
		BM048072.D	Acenaphthylene-d8	40	26.48	66		15	120
			4-Nitrophenol-d4	40	16.10	40		10	150
		BM048038.D	4-Nitrophenol-d4	40	14.87	37		10	150
			Fluorene-d10	40	22.29	56		20	140
		BM048072.D	Fluorene-d10	40	26.96	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.37	48		10	130
		BM048038.D	4,6-Dinitro-2-methylphenol-d2	40	13.78	34		10	130
			Anthracene-d10	40	21.36	53		10	150
		BM048072.D	Anthracene-d10	40	26.10	65		10	150
			Pyrene-d10	40	28.70	72		10	130
		BM048038.D	Pyrene-d10	40	23.70	59		10	130
			Benzo(a)pyrene-d12	40	23.43	59		10	140
		BM048072.D	Benzo(a)pyrene-d12	40	28.03	70		10	140
P4239-09	A4ET3	BM048073.D	1,4-Dioxane-d8	8	1.81	23		15	120
			Pyridine-d5	40	0.91	2	*	20	120
		BM048036.D	1,4-Dioxane-d8	8	1.16	14	*	15	120
			Pyridine-d5	40	0.77	2	*	20	120
			Phenol-d5	40	6.26	16		10	130
		BM048073.D	Phenol-d5	40	7.73	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.03	20		10	150
		BM048036.D	Bis(2-Chloroethyl)ether-d8	40	6.19	15		10	150
			2-Chlorophenol-d4	40	8.24	21		15	120
		BM048073.D	2-Chlorophenol-d4	40	10.64	27		15	120
			4-Methylphenol-d8	40	6.77	17		10	140
		BM048036.D	4-Methylphenol-d8	40	4.99	12		10	140
			Nitrobenzene-d5	40	8.76	22		10	135
		BM048073.D	Nitrobenzene-d5	40	10.78	27		10	135
			2-Nitrophenol-d4	40	11.81	30		10	120
		BM048036.D	2-Nitrophenol-d4	40	9.74	24		10	120
			2,4-Dichlorophenol-d3	40	8.28	21		10	140
		BM048073.D	2,4-Dichlorophenol-d3	40	10.30	26		10	140
			4-Chloroaniline-d4	40	3.46	9		1	145
		BM048036.D	4-Chloroaniline-d4	40	2.51	6		1	145
			Dimethylphthalate-d6	40	8.71	22		10	145

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4239-09	A4ET3	BM048073.D	Dimethylphthalate-d6	40	11.25	28		10	145
			Acenaphthylene-d8	40	10.99	27		15	120
		BM048036.D	Acenaphthylene-d8	40	8.78	22		15	120
			4-Nitrophenol-d4	40	4.00	10		10	150
		BM048073.D	4-Nitrophenol-d4	40	4.33	11		10	150
			Fluorene-d10	40	11.52	29		20	140
		BM048036.D	Fluorene-d10	40	9.40	23		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.33	11		10	130
		BM048073.D	4,6-Dinitro-2-methylphenol-d2	40	6.95	17		10	130
			Anthracene-d10	40	11.03	28		10	150
		BM048036.D	Anthracene-d10	40	8.54	21		10	150
			Pyrene-d10	40	8.92	22		10	130
		BM048073.D	Pyrene-d10	40	11.11	28		10	130
			Benzo(a)pyrene-d12	40	8.46	21		10	140
		BM048036.D	Benzo(a)pyrene-d12	40	6.80	17		10	140
P4239-10	A4ET4	BM048034.D	1,4-Dioxane-d8	8	1.63	20		15	120
			Pyridine-d5	40	0.71	2	*	20	120
			Phenol-d5	40	9.07	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.20	21		10	150
			2-Chlorophenol-d4	40	11.42	29		15	120
			4-Methylphenol-d8	40	8.59	21		10	140
			Nitrobenzene-d5	40	11.37	28		10	135
			2-Nitrophenol-d4	40	13.03	33		10	120
			2,4-Dichlorophenol-d3	40	10.94	27		10	140
			4-Chloroaniline-d4	40	5.69	14		1	145
			Dimethylphthalate-d6	40	11.59	29		10	145
			Acenaphthylene-d8	40	11.59	29		15	120
			4-Nitrophenol-d4	40	5.94	15		10	150
			Fluorene-d10	40	12.24	31		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.59	14		10	130
			Anthracene-d10	40	11.62	29		10	150
			Pyrene-d10	40	11.57	29		10	130
			Benzo(a)pyrene-d12	40	8.84	22		10	140
P4239-15	A4EM6	BM048031.D	1,4-Dioxane-d8	8	2.51	31		15	120
			Pyridine-d5	40	11.13	28		20	120
			Phenol-d5	40	14.51	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.92	30		10	150
			2-Chlorophenol-d4	40	17.05	43		15	120
			4-Methylphenol-d8	40	15.94	40		10	140
			Nitrobenzene-d5	40	17.25	43		10	135
			2-Nitrophenol-d4	40	20.15	50		10	120
			2,4-Dichlorophenol-d3	40	18.05	45		10	140
			4-Chloroaniline-d4	40	15.46	39		1	145
			Dimethylphthalate-d6	40	18.24	46		10	145
			Acenaphthylene-d8	40	18.26	46		15	120
			4-Nitrophenol-d4	40	12.90	32		10	150
			Fluorene-d10	40	18.93	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.72	27		10	130
			Anthracene-d10	40	18.95	47		10	150

Surrogate Summary

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SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4239-15	A4EM6	BM048031.D	Pyrene-d10	40	20.36	51		10	130
			Benzo(a)pyrene-d12	40	20.12	50		10	140
P4239-16	A4EP3	BM048028.D	1,4-Dioxane-d8	8	1.57	20		15	120
			Pyridine-d5	40	0.93	2	*	20	120
			Phenol-d5	40	9.20	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.95	20		10	150
			2-Chlorophenol-d4	40	11.26	28		15	120
			4-Methylphenol-d8	40	9.44	24		10	140
			Nitrobenzene-d5	40	11.21	28		10	135
			2-Nitrophenol-d4	40	12.80	32		10	120
			2,4-Dichlorophenol-d3	40	11.30	28		10	140
			4-Chloroaniline-d4	40	1.54	4		1	145
			Dimethylphthalate-d6	40	11.41	29		10	145
			Acenaphthylene-d8	40	11.29	28		15	120
			4-Nitrophenol-d4	40	7.05	18		10	150
			Fluorene-d10	40	11.75	29		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.18	18		10	130
			Anthracene-d10	40	11.41	29		10	150
			Pyrene-d10	40	11.88	30		10	130
			Benzo(a)pyrene-d12	40	8.35	21		10	140
P4239-17	A4EP4	BM048029.D	1,4-Dioxane-d8	8	2.49	31		15	120
			Pyridine-d5	40	11.41	29		20	120
			Phenol-d5	40	14.36	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.06	30		10	150
			2-Chlorophenol-d4	40	17.35	43		15	120
			4-Methylphenol-d8	40	14.94	37		10	140
			Nitrobenzene-d5	40	17.40	43		10	135
			2-Nitrophenol-d4	40	20.29	51		10	120
			2,4-Dichlorophenol-d3	40	17.57	44		10	140
			4-Chloroaniline-d4	40	13.97	35		1	145
			Dimethylphthalate-d6	40	17.22	43		10	145
			Acenaphthylene-d8	40	17.62	44		15	120
			4-Nitrophenol-d4	40	11.45	29		10	150
			Fluorene-d10	40	18.07	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.16	25		10	130
			Anthracene-d10	40	17.70	44		10	150
			Pyrene-d10	40	19.91	50		10	130
			Benzo(a)pyrene-d12	40	19.06	48		10	140
P4239-18	A4EP5	BM048030.D	1,4-Dioxane-d8	8	2.39	30		15	120
			Pyridine-d5	40	9.94	25		20	120
			Phenol-d5	40	13.92	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.01	30		10	150
			2-Chlorophenol-d4	40	17.03	43		15	120
			4-Methylphenol-d8	40	14.79	37		10	140
			Nitrobenzene-d5	40	17.37	43		10	135
			2-Nitrophenol-d4	40	20.43	51		10	120
			2,4-Dichlorophenol-d3	40	17.48	44		10	140
			4-Chloroaniline-d4	40	13.71	34		1	145
			Dimethylphthalate-d6	40	17.10	43		10	145

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4239-18	A4EP5	BM048030.D	Acenaphthylene-d8	40	17.64	44		15	120
			4-Nitrophenol-d4	40	12.11	30		10	150
			Fluorene-d10	40	18.07	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.95	27		10	130
			Anthracene-d10	40	17.64	44		10	150
			Pyrene-d10	40	19.38	48		10	130
			Benzo(a)pyrene-d12	40	18.77	47		10	140
PB163884BL	PB163884BL	BM048033.D	1,4-Dioxane-d8	8	3.91	49		15	120
			Pyridine-d5	40	17.62	44		20	120
		BM048025.D	Pyridine-d5	40	17.44	44		20	120
			1,4-Dioxane-d8	8	3.82	48		15	120
		BM048033.D	Phenol-d5	40	18.64	47		10	130
			Phenol-d5	40	19.35	48		10	130
		BM048025.D	Bis(2-Chloroethyl)ether-d8	40	16.24	41		10	150
			Bis(2-Chloroethyl)ether-d8	40	16.02	40		10	150
		BM048033.D	2-Chlorophenol-d4	40	21.84	55		15	120
			2-Chlorophenol-d4	40	22.84	57		15	120
		BM048025.D	4-Methylphenol-d8	40	20.26	51		10	140
			4-Methylphenol-d8	40	19.08	48		10	140
		BM048033.D	Nitrobenzene-d5	40	21.94	55		10	135
			Nitrobenzene-d5	40	22.17	55		10	135
		BM048025.D	2-Nitrophenol-d4	40	26.09	65		10	120
			2-Nitrophenol-d4	40	25.24	63		10	120
		BM048033.D	2,4-Dichlorophenol-d3	40	21.39	53		10	140
			2,4-Dichlorophenol-d3	40	22.01	55		10	140
		BM048025.D	4-Chloroaniline-d4	40	20.97	52		1	145
			4-Chloroaniline-d4	40	20.35	51		1	145
		BM048033.D	Dimethylphthalate-d6	40	22.98	57		10	145
			Dimethylphthalate-d6	40	21.86	55		10	145
		BM048025.D	Acenaphthylene-d8	40	22.27	56		15	120
			Acenaphthylene-d8	40	22.22	56		15	120
		BM048033.D	4-Nitrophenol-d4	40	15.23	38		10	150
			4-Nitrophenol-d4	40	18.29	46		10	150
		BM048025.D	Fluorene-d10	40	22.55	56		20	140
			Fluorene-d10	40	22.77	57		20	140
		BM048033.D	4,6-Dinitro-2-methylphenol-d2	40	18.02	45		10	130
			4,6-Dinitro-2-methylphenol-d2	40	15.32	38		10	130
		BM048025.D	Anthracene-d10	40	22.91	57		10	150
			Anthracene-d10	40	22.46	56		10	150
		BM048033.D	Pyrene-d10	40	23.60	59		10	130
			Pyrene-d10	40	23.27	58		10	130
		BM048025.D	Benzo(a)pyrene-d12	40	23.81	60		10	140
			Benzo(a)pyrene-d12	40	23.79	59		10	140

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4350-04	EOAK5	BM048074.D	1,4-Dioxane-d8	8	1.73	22		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	9.86	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.47	21		10	150
			2-Chlorophenol-d4	40	11.98	30		15	120
			4-Methylphenol-d8	40	8.43	21		10	140
			Nitrobenzene-d5	40	11.45	29		10	135
			2-Nitrophenol-d4	40	13.02	33		10	120
			2,4-Dichlorophenol-d3	40	11.34	28		10	140
			4-Chloroaniline-d4	40	3.65	9		1	145
			Dimethylphthalate-d6	40	11.91	30		10	145
			Acenaphthylene-d8	40	11.43	29		15	120
			4-Nitrophenol-d4	40	5.61	14		10	150
			Fluorene-d10	40	12.08	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.26	13		10	130
			Anthracene-d10	40	11.69	29		10	150
			Pyrene-d10	40	9.71	24		10	130
			Benzo(a)pyrene-d12	40	5.90	15		10	140
P4350-06	EOAK3	BM048066.D	1,4-Dioxane-d8	8	2.07	26		15	120
			Pyridine-d5	40	9.08	23		20	120
			Phenol-d5	40	11.74	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.27	26		10	150
			2-Chlorophenol-d4	40	14.26	36		15	120
			4-Methylphenol-d8	40	13.04	33		10	140
			Nitrobenzene-d5	40	14.60	37		10	135
			2-Nitrophenol-d4	40	17.41	44		10	120
			2,4-Dichlorophenol-d3	40	15.07	38		10	140
			4-Chloroaniline-d4	40	13.48	34		1	145
			Dimethylphthalate-d6	40	17.49	44		10	145
			Acenaphthylene-d8	40	16.54	41		15	120
			4-Nitrophenol-d4	40	8.53	21		10	150
			Fluorene-d10	40	17.74	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.78	27		10	130
			Anthracene-d10	40	17.24	43		10	150
			Pyrene-d10	40	18.68	47		10	130
			Benzo(a)pyrene-d12	40	18.75	47		10	140
P4350-08	EOAK9	BM048065.D	Pyridine-d5	40	9.39	23		20	120
			1,4-Dioxane-d8	8	2.03	25		15	120
			Phenol-d5	40	13.52	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.87	27		10	150
			2-Chlorophenol-d4	40	15.59	39		15	120
			4-Methylphenol-d8	40	15.70	39		10	140
			Nitrobenzene-d5	40	16.06	40		10	135
			2-Nitrophenol-d4	40	19.22	48		10	120
			2,4-Dichlorophenol-d3	40	17.68	44		10	140
			4-Chloroaniline-d4	40	15.28	38		1	145
			Dimethylphthalate-d6	40	22.49	56		10	145
			Acenaphthylene-d8	40	20.36	51		15	120
			4-Nitrophenol-d4	40	14.80	37		10	150

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4350-08	EOAK9	BM048065.D	Fluorene-d10	40	22.92	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.10	43		10	130
			Anthracene-d10	40	24.40	61		10	150
			Pyrene-d10	40	27.92	70		10	130
			Benzo(a)pyrene-d12	40	27.94	70		10	140
P4350-09	EOAJ9	BM048075.D	1,4-Dioxane-d8	8	2.09	26		15	120
			Pyridine-d5	40	0.85	2	*	20	120
			Phenol-d5	40	11.77	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.80	25		10	150
			2-Chlorophenol-d4	40	14.10	35		15	120
			4-Methylphenol-d8	40	11.74	29		10	140
			Nitrobenzene-d5	40	13.54	34		10	135
			2-Nitrophenol-d4	40	15.84	40		10	120
			2,4-Dichlorophenol-d3	40	14.16	35		10	140
			4-Chloroaniline-d4	40	6.14	15		1	145
			Dimethylphthalate-d6	40	13.90	35		10	145
			Acenaphthylene-d8	40	13.55	34		15	120
			4-Nitrophenol-d4	40	7.69	19		10	150
			Fluorene-d10	40	14.55	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.95	15		10	130
			Anthracene-d10	40	14.38	36		10	150
			Pyrene-d10	40	13.01	33		10	130
			Benzo(a)pyrene-d12	40	7.70	19		10	140
P4350-11	EOAK2	BM048067.D	1,4-Dioxane-d8	8	2.18	27		15	120
			Pyridine-d5	40	9.87	25		20	120
			Phenol-d5	40	12.72	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.81	27		10	150
			2-Chlorophenol-d4	40	14.96	37		15	120
			4-Methylphenol-d8	40	14.41	36		10	140
			Nitrobenzene-d5	40	15.17	38		10	135
			2-Nitrophenol-d4	40	17.88	45		10	120
			2,4-Dichlorophenol-d3	40	15.81	40		10	140
			4-Chloroaniline-d4	40	13.69	34		1	145
			Dimethylphthalate-d6	40	17.41	44		10	145
			Acenaphthylene-d8	40	16.53	41		15	120
			4-Nitrophenol-d4	40	9.14	23		10	150
			Fluorene-d10	40	17.33	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.09	28		10	130
			Anthracene-d10	40	17.60	44		10	150
			Pyrene-d10	40	19.25	48		10	130
			Benzo(a)pyrene-d12	40	19.08	48		10	140
P4350-12	EOAK1	BM048068.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	18.09	45		20	120
			Phenol-d5	40	21.96	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.49	46		10	150
			2-Chlorophenol-d4	40	25.53	64		15	120
			4-Methylphenol-d8	40	23.75	59		10	140
			Nitrobenzene-d5	40	26.36	66		10	135
			2-Nitrophenol-d4	40	31.03	78		10	120

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4350-12	EOAK1	BM048068.D	2,4-Dichlorophenol-d3	40	25.87	65		10	140
			4-Chloroaniline-d4	40	23.83	60		1	145
			Dimethylphthalate-d6	40	25.89	65		10	145
			Acenaphthylene-d8	40	25.22	63		15	120
			4-Nitrophenol-d4	40	13.82	35		10	150
			Fluorene-d10	40	25.86	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.46	41		10	130
			Anthracene-d10	40	24.86	62		10	150
			Pyrene-d10	40	27.42	69		10	130
			Benzo(a)pyrene-d12	40	26.53	66		10	140
P4350-13MS	EOAK1MS	BM048069.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Pyridine-d5	40	17.57	44		20	120
			Phenol-d5	40	23.62	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.28	48		10	150
			2-Chlorophenol-d4	40	27.15	68		15	120
			4-Methylphenol-d8	40	25.88	65		10	140
			Nitrobenzene-d5	40	28.43	71		10	135
			2-Nitrophenol-d4	40	33.82	85		10	120
			2,4-Dichlorophenol-d3	40	30.62	77		10	140
			4-Chloroaniline-d4	40	24.89	62		1	145
			Dimethylphthalate-d6	40	27.88	70		10	145
			Acenaphthylene-d8	40	27.31	68		15	120
			4-Nitrophenol-d4	40	19.82	50		10	150
			Fluorene-d10	40	26.90	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.55	59		10	130
			Anthracene-d10	40	26.00	65		10	150
			Pyrene-d10	40	30.73	77		10	130
			Benzo(a)pyrene-d12	40	28.66	72		10	140
P4350-14MSD	EOAK1MSD	BM048070.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	18.63	47		20	120
			Phenol-d5	40	24.69	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.46	51		10	150
			2-Chlorophenol-d4	40	28.46	71		15	120
			4-Methylphenol-d8	40	27.28	68		10	140
			Nitrobenzene-d5	40	29.75	74		10	135
			2-Nitrophenol-d4	40	35.84	90		10	120
			2,4-Dichlorophenol-d3	40	31.92	80		10	140
			4-Chloroaniline-d4	40	26.43	66		1	145
			Dimethylphthalate-d6	40	29.55	74		10	145
			Acenaphthylene-d8	40	28.97	72		15	120
			4-Nitrophenol-d4	40	21.63	54		10	150
			Fluorene-d10	40	28.79	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.06	63		10	130
			Anthracene-d10	40	27.95	70		10	150
			Pyrene-d10	40	31.50	79		10	130
			Benzo(a)pyrene-d12	40	30.67	77		10	140
PB164081BL	PB164081BL	BM048062.D	Pyridine-d5	40	17.12	43		20	120
			1,4-Dioxane-d8	8	3.62	45		15	120
			Phenol-d5	40	19.18	48		10	130

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164081BL	PB164081BL	BM048062.D	Bis(2-Chloroethyl)ether-d8	40	16.25	41		10	150
			2-Chlorophenol-d4	40	22.90	57		15	120
			4-Methylphenol-d8	40	20.25	51		10	140
			Nitrobenzene-d5	40	23.48	59		10	135
			2-Nitrophenol-d4	40	27.33	68		10	120
			2,4-Dichlorophenol-d3	40	22.43	56		10	140
			4-Chloroaniline-d4	40	21.44	54		1	145
			Dimethylphthalate-d6	40	22.46	56		10	145
			Acenaphthylene-d8	40	21.87	55		15	120
			4-Nitrophenol-d4	40	17.86	45		10	150
			Fluorene-d10	40	22.31	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.20	51		10	130
			Anthracene-d10	40	21.76	54		10	150
			Pyrene-d10	40	23.70	59		10	130
			Benzo(a)pyrene-d12	40	23.38	58		10	140
PB164081BS	PB164081BS	BM048076.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Pyridine-d5	40	16.86	42		20	120
			Phenol-d5	40	19.97	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.38	41		10	150
			2-Chlorophenol-d4	40	23.80	59		15	120
			4-Methylphenol-d8	40	21.39	53		10	140
			Nitrobenzene-d5	40	23.67	59		10	135
			2-Nitrophenol-d4	40	27.72	69		10	120
			2,4-Dichlorophenol-d3	40	24.32	61		10	140
			4-Chloroaniline-d4	40	20.72	52		1	145
			Dimethylphthalate-d6	40	22.28	56		10	145
			Acenaphthylene-d8	40	22.36	56		15	120
			4-Nitrophenol-d4	40	21.29	53		10	150
			Fluorene-d10	40	22.03	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.63	49		10	130
			Anthracene-d10	40	21.54	54		10	150
			Pyrene-d10	40	24.85	62		10	130
			Benzo(a)pyrene-d12	40	23.27	58		10	140

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4388-05	SVOC-GPC-BLANBM048064.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

Surrogate Summary

SW-846

SDG No.: BM101424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4388-10	SVOC-GPC2-BLA1BM048063.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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM101424

Lab Code: CHEM

SAS No.: BM101424 SDG NO.: BM101424

Lab File ID: BM048023.D

DFTPP Injection Date: 10/14/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.7
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	44.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	24.5
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	78.9
443	15.0 - 24.0% of mass 442	15.2 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020178	SSTDCCC020	BM048024.D	10/14/2024	12:16
SBLK884	PB163884BL	BM048025.D	10/14/2024	12:55
A4EG1	P4239-05	BM048026.D	10/14/2024	13:35
A4EG2	P4239-06	BM048027.D	10/14/2024	14:15
A4EP3	P4239-16	BM048028.D	10/14/2024	14:54
A4EP4	P4239-17	BM048029.D	10/14/2024	15:34
A4EP5	P4239-18	BM048030.D	10/14/2024	16:13
A4EM6	P4239-15	BM048031.D	10/14/2024	16:53
SSTD020179	SSTDCCC020	BM048032.D	10/14/2024	17:34
SBLK884	PB163884BL	BM048033.D	10/14/2024	18:13
A4ET4	P4239-10	BM048034.D	10/14/2024	18:53
A4EG3	P4239-07	BM048035.D	10/14/2024	19:32
A4ET3	P4239-09	BM048036.D	10/14/2024	20:12
A4F08	P4239-01	BM048037.D	10/14/2024	20:52
A4EG7	P4239-08	BM048038.D	10/14/2024	21:31
A4F13	P4238-03	BM048039.D	10/14/2024	22:11
A4F18	P4238-06	BM048040.D	10/14/2024	22:50
A4EY6	P4238-10	BM048041.D	10/14/2024	23:30

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM101424

Lab Code: CHEM

SAS No.: BM101424 SDG NO.: BM101424

Lab File ID: BM048023.D

DFTPP Injection Date: 10/14/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.7
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	44.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	24.5
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	78.9
443	15.0 - 24.0% of mass 442	15.2 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4F02	P4238-18	BM048042.D	10/15/2024	00:09
A4F06	P4238-19	BM048043.D	10/15/2024	00:49
A4F07	P4238-20	BM048044.D	10/15/2024	01:29
A4EQ8	P4238-01	BM048045.D	10/15/2024	02:08
A4F12	P4238-02	BM048046.D	10/15/2024	02:48
SSTD020180	SSTDCCC020	BM048047.D	10/15/2024	04:07
SBLK836	PB163836BL	BM048048.D	10/15/2024	04:46
A4F14	P4238-04	BM048049.D	10/15/2024	05:26
A4F15	P4238-05	BM048050.D	10/15/2024	06:06
A4EY0	P4238-08	BM048051.D	10/15/2024	06:45
A4EY7	P4238-11	BM048052.D	10/15/2024	07:25
A4EZ6	P4238-14	BM048053.D	10/15/2024	08:04
A4EZ7	P4238-15	BM048054.D	10/15/2024	08:44
A4F00	P4238-16	BM048055.D	10/15/2024	09:23
A4EY8	P4238-12	BM048056.D	10/15/2024	10:03
A4EZ5	P4238-13	BM048057.D	10/15/2024	10:42
A4F01	P4238-17	BM048058.D	10/15/2024	11:22
A4EY5	P4238-09	BM048059.D	10/15/2024	12:01

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM101424

Lab Code: CHEM

SAS No.: BM101424 SDG NO.: BM101424

Lab File ID: BM048023.D

DFTPP Injection Date: 10/14/2024

Instrument ID: BNA_M

DFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.6 (1.7) 1
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441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	78.9
443	15.0 - 24.0% of mass 442	15.2 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SLCS836	PB163836BS	BM048060.D	10/15/2024	12:40
SSTD020181	SSTDCCC020	BM048061.D	10/15/2024	15:09
SBLK081	PB164081BL	BM048062.D	10/15/2024	15:49
SVOC-GPC2-BLANK	P4388-10	BM048063.D	10/15/2024	16:28
SVOC-GPC-BLANK	P4388-05	BM048064.D	10/15/2024	17:08
EOAK9	P4350-08	BM048065.D	10/15/2024	17:47
EOAK3	P4350-06	BM048066.D	10/15/2024	18:27
EOAK2	P4350-11	BM048067.D	10/15/2024	19:06
EOAK1	P4350-12	BM048068.D	10/15/2024	19:46
EOAK1MS	P4350-13MS	BM048069.D	10/15/2024	20:25
EOAK1MSD	P4350-14MSD	BM048070.D	10/15/2024	21:05
A4F08	P4239-01	BM048071.D	10/15/2024	21:44
A4EG7	P4239-08	BM048072.D	10/15/2024	22:24
A4ET3	P4239-09	BM048073.D	10/15/2024	23:03
EOAK5	P4350-04	BM048074.D	10/15/2024	23:43
EOAJ9	P4350-09	BM048075.D	10/16/2024	00:22
SLCS081	PB164081BS	BM048076.D	10/16/2024	01:02
SSTD020182	SSTDCCC020EC	BM048077.D	10/16/2024	02:21