

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA_M Calibration Date/Time: 10/7/2024 1:10:00

Lab File ID: BM047879.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020165 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	0.521	0.010	-22.9313	40.0
Benzaldehyde	1.028	0.856	0.010	-16.8102	40.0
Pyridine	1.908	1.478	0.010	-22.5473	40.0
Phenol	2.012	1.671	0.080	-16.9632	20.0
Bis(2-Chloroethyl)ether	1.603	1.360	0.100	-15.1605	20.0
2-Chlorophenol	1.458	1.379	0.200	-5.392	20.0
2-Methylphenol	1.403	1.277	0.010	-8.9552	20.0
2,2-oxybis(1-Chloropropane)	3.018	2.030	0.010	-32.7512	40.0
Acetophenone	2.406	2.068	0.060	-14.0627	20.0
4-Methylphenol	1.577	1.384	0.010	-12.2088	20.0
N-Nitroso-di-n-propylamine	1.274	1.041	0.050	-18.3158	30.0
Hexachloroethane	0.655	0.589	0.100	-10.0413	20.0
Nitrobenzene	0.452	0.376	0.050	-16.8791	25.0
Isophorone	0.809	0.717	0.050	-11.3782	25.0
2-Nitrophenol	0.175	0.185	0.050	5.7762	25.0
2,4-Dimethylphenol	0.374	0.349	0.050	-6.6448	25.0
Bis(2-Chloroethoxy)methane	0.495	0.441	0.050	-10.9537	20.0
2,4-Dichlorophenol	0.315	0.316	0.060	0.4284	20.0
Naphthalene	1.150	1.085	0.200	-5.7202	20.0
4-Chloroaniline	0.464	0.424	0.010	-8.5891	40.0
Hexachlorobutadiene	0.208	0.206	0.040	-0.8278	30.0
Caprolactam	0.101	0.098	0.010	-2.3931	40.0
4-Chloro-3-methylphenol	0.326	0.320	0.040	-1.8392	25.0
1-Methylnaphthalene	0.744	0.737	0.100	-0.9028	20.0
2-Methylnaphthalene	0.731	0.713	0.100	-2.4929	20.0
Hexachlorocyclopentadiene	0.394	0.335	0.010	-15.0494	40.0
2,4,6-Trichlorophenol	0.377	0.400	0.090	6.1412	25.0
2,4,5-Trichlorophenol	0.412	0.420	0.100	1.9357	25.0
1,1-Biphenyl	1.601	1.488	0.200	-7.0465	20.0
2-Chloronaphthalene	1.238	1.172	0.300	-5.3516	20.0
2-Nitroaniline	0.393	0.324	0.050	-17.5734	40.0
Dimethylphthalate	1.468	1.427	0.300	-2.8312	20.0
2,6-Dinitrotoluene	0.258	0.276	0.080	7.0483	30.0
Acenaphthylene	1.939	1.935	0.400	-0.2148	20.0
3-Nitroaniline	0.312	0.293	0.010	-6.0045	40.0
Acenaphthene	1.371	1.265	0.200	-7.6856	20.0
2,4-Dinitrophenol	0.159	0.130	0.010	-18.3273	40.0
4-Nitrophenol	0.242	0.198	0.010	-18.2715	40.0
Dibenzofuran	1.845	1.723	0.300	-6.6216	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA_M Calibration Date/Time: 10/7/2024 1:10:00

Lab File ID: BM047879.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020165 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	0.404	0.070	4.1836	30.0
Diethylphthalate	1.469	1.428	0.300	-2.8362	20.0
Fluorene	1.539	1.409	0.200	-8.4258	20.0
4-Chlorophenyl-phenylether	0.727	0.699	0.100	-3.8484	20.0
4-Nitroaniline	0.303	0.291	0.010	-4.146	40.0
4,6-Dinitro-2-methylphenol	0.130	0.116	0.010	-10.198	40.0
N-Nitrosodiphenylamine	0.623	0.578	0.050	-7.3128	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.620	0.100	-4.7212	20.0
4-Bromophenyl-phenylether	0.206	0.211	0.070	2.5322	20.0
Hexachlorobenzene	0.240	0.246	0.050	2.6323	25.0
Atrazine	0.207	0.178	0.010	-14.0547	25.0
Pentachlorophenol	0.153	0.155	0.010	1.4532	40.0
Phenanthrene	1.173	1.086	0.200	-7.3973	20.0
Pentachlorobenzene	0.323	0.297	0.050	-8.0669	20.0
Anthracene	1.196	1.112	0.200	-7.0263	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.297	0.050	-10.207	20.0
Carbazole	1.084	1.002	0.050	-7.5763	40.0
Di-n-butylphthalate	1.207	1.219	0.500	0.9662	25.0
Fluoranthene	1.337	1.368	0.400	2.3025	25.0
Pyrene	1.488	1.430	0.400	-3.8737	25.0
Butylbenzylphthalate	0.526	0.600	0.100	14.0912	40.0
3,3-Dichlorobenzidine	0.423	0.438	0.010	3.539	40.0
Benzo (a) anthracene	1.400	1.381	0.300	-1.3778	30.0
Chrysene	1.365	1.296	0.200	-5.0772	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.884	0.200	11.9906	40.0
Di-n-octyl phthalate	1.290	1.351	0.010	4.7049	40.0
Benzo (b) fluoranthene	1.247	1.194	0.200	-4.2362	25.0
Benzo (k) fluoranthene	1.275	1.210	0.200	-5.124	25.0
Benzo (a) pyrene	1.185	1.147	0.200	-3.1501	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.389	0.200	-8.506	25.0
Dibenzo (a,h) anthracene	1.244	1.154	0.200	-7.2045	30.0
Benzo (g,h,i) perylene	1.189	1.129	0.200	-5.1148	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.358	0.040	10.1654	20.0
1,4-Dioxane-d8	0.619	0.477	0.010	-22.8458	25.0
Pyridine-d5	1.812	1.418	0.010	-21.7668	40.0
Phenol-d5	1.891	1.659	0.010	-12.2804	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	1.006	0.050	-25.0287	25.0
2-Chlorophenol-d4	1.376	1.379	0.200	0.2154	20.0
4-Methylphenol-d8	1.406	1.298	0.010	-7.6918	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA_M Calibration Date/Time: 10/7/2024 1:10:00

Lab File ID: BM047879.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020165 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	2.1014	20.0
2-Nitrophenol-d4	0.153	0.174	0.050	14.1244	30.0
2,4-Dichlorophenol-d3	0.305	0.322	0.060	5.6868	20.0
4-Chloroaniline-d4	0.471	0.450	0.010	-4.6177	40.0
Dimethylphthalate-d6	1.450	1.410	0.300	-2.7881	20.0
Acenaphthylene-d8	1.719	1.677	0.400	-2.4297	20.0
4-Nitrophenol-d4	0.289	0.266	0.010	-7.8687	40.0
Fluorene-d10	1.256	1.208	0.100	-3.8231	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.105	0.010	-10.3618	40.0
Anthracene-d10	0.983	0.927	0.300	-5.7202	20.0
Pyrene-d10	1.135	1.157	0.300	1.9547	25.0
Benzo(a)pyrene-d12	1.038	0.997	0.010	-3.902	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.: BM100724 SAS No.: BM100724 SDG No.: BM100724
Instrument ID: BNA_M Calibration Date/Time: 10/7/2024 1:17:06
Lab File ID: BM047887.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020166 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	0.548	0.010	-18.8852	40.0
Benzaldehyde	1.028	0.879	0.010	-14.5186	40.0
Pyridine	1.908	1.493	0.010	-21.7526	40.0
Phenol	2.012	1.650	0.080	-17.9844	20.0
Bis(2-Chloroethyl)ether	1.603	1.334	0.100	-16.7776	20.0
2-Chlorophenol	1.458	1.392	0.200	-4.5243	20.0
2-Methylphenol	1.403	1.257	0.010	-10.4163	20.0
2,2-oxybis(1-Chloropropane)	3.018	2.003	0.010	-33.6461	40.0
Acetophenone	2.406	2.034	0.060	-15.439	20.0
4-Methylphenol	1.577	1.355	0.010	-14.0371	20.0
N-Nitroso-di-n-propylamine	1.274	1.012	0.050	-20.5804	30.0
Hexachloroethane	0.655	0.598	0.100	-8.7419	20.0
Nitrobenzene	0.452	0.374	0.050	-17.2813	25.0
Isophorone	0.809	0.712	0.050	-12.002	25.0
2-Nitrophenol	0.175	0.181	0.050	3.5741	25.0
2,4-Dimethylphenol	0.374	0.351	0.050	-6.1274	25.0
Bis(2-Chloroethoxy)methane	0.495	0.434	0.050	-12.3737	20.0
2,4-Dichlorophenol	0.315	0.320	0.060	1.5269	20.0
Naphthalene	1.150	1.083	0.200	-5.8654	20.0
4-Chloroaniline	0.464	0.417	0.010	-10.0669	40.0
Hexachlorobutadiene	0.208	0.206	0.040	-1.102	30.0
Caprolactam	0.101	0.098	0.010	-2.3689	40.0
4-Chloro-3-methylphenol	0.326	0.320	0.040	-1.7315	25.0
1-Methylnaphthalene	0.744	0.733	0.100	-1.384	20.0
2-Methylnaphthalene	0.731	0.708	0.100	-3.0993	20.0
Hexachlorocyclopentadiene	0.394	0.303	0.010	-22.9924	40.0
2,4,6-Trichlorophenol	0.377	0.399	0.090	6.0235	25.0
2,4,5-Trichlorophenol	0.412	0.424	0.100	2.9258	25.0
1,1-Biphenyl	1.601	1.480	0.200	-7.6021	20.0
2-Chloronaphthalene	1.238	1.181	0.300	-4.6644	20.0
2-Nitroaniline	0.393	0.314	0.050	-20.2308	40.0
Dimethylphthalate	1.468	1.410	0.300	-3.9847	20.0
2,6-Dinitrotoluene	0.258	0.270	0.080	4.6847	30.0
Acenaphthylene	1.939	1.930	0.400	-0.4655	20.0
3-Nitroaniline	0.312	0.300	0.010	-3.9802	40.0
Acenaphthene	1.371	1.254	0.200	-8.5328	20.0
2,4-Dinitrophenol	0.159	0.121	0.010	-24.29	40.0
4-Nitrophenol	0.242	0.199	0.010	-18.0946	40.0
Dibenzofuran	1.845	1.728	0.300	-6.3578	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA_M Calibration Date/Time: 10/7/2024 1:17:06

Lab File ID: BM047887.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020166 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	0.398	0.070	2.7104	30.0
Diethylphthalate	1.469	1.421	0.300	-3.2709	20.0
Fluorene	1.539	1.422	0.200	-7.625	20.0
4-Chlorophenyl-phenylether	0.727	0.694	0.100	-4.5906	20.0
4-Nitroaniline	0.303	0.320	0.010	5.5614	40.0
4,6-Dinitro-2-methylphenol	0.130	0.107	0.010	-17.3425	40.0
N-Nitrosodiphenylamine	0.623	0.580	0.050	-6.96	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.617	0.100	-5.2635	20.0
4-Bromophenyl-phenylether	0.206	0.210	0.070	1.6341	20.0
Hexachlorobenzene	0.240	0.249	0.050	3.6164	25.0
Atrazine	0.207	0.180	0.010	-13.1065	25.0
Pentachlorophenol	0.153	0.157	0.010	2.7882	40.0
Phenanthrene	1.173	1.094	0.200	-6.7185	20.0
Pentachlorobenzene	0.323	0.296	0.050	-8.3434	20.0
Anthracene	1.196	1.133	0.200	-5.2488	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.295	0.050	-10.8573	20.0
Carbazole	1.084	1.015	0.050	-6.4165	40.0
Di-n-butylphthalate	1.207	1.226	0.500	1.5677	25.0
Fluoranthene	1.337	1.359	0.400	1.6426	25.0
Pyrene	1.488	1.429	0.400	-3.9923	25.0
Butylbenzylphthalate	0.526	0.611	0.100	16.0682	40.0
3,3-Dichlorobenzidine	0.423	0.415	0.010	-1.7615	40.0
Benzo (a) anthracene	1.400	1.394	0.300	-0.4508	30.0
Chrysene	1.365	1.296	0.200	-5.039	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.896	0.200	13.431	40.0
Di-n-octyl phthalate	1.290	1.386	0.010	7.4398	40.0
Benzo (b) fluoranthene	1.247	1.210	0.200	-2.9559	25.0
Benzo (k) fluoranthene	1.275	1.211	0.200	-5.0204	25.0
Benzo (a) pyrene	1.185	1.145	0.200	-3.2992	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.395	0.200	-8.1032	25.0
Dibenzo (a,h) anthracene	1.244	1.162	0.200	-6.6253	30.0
Benzo (g,h,i) perylene	1.189	1.137	0.200	-4.3731	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.360	0.040	10.9403	20.0
1,4-Dioxane-d8	0.619	0.498	0.010	-19.5326	25.0
Pyridine-d5	1.812	1.438	0.010	-20.6366	40.0
Phenol-d5	1.891	1.632	0.010	-13.6853	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	1.000	0.050	-25.5008	25.0
2-Chlorophenol-d4	1.376	1.383	0.200	0.4816	20.0
4-Methylphenol-d8	1.406	1.282	0.010	-8.7958	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA_M Calibration Date/Time: 10/7/2024 1:17:06

Lab File ID: BM047887.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020166 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.161	0.050	0.9379	20.0
2-Nitrophenol-d4	0.153	0.171	0.050	12.1734	30.0
2,4-Dichlorophenol-d3	0.305	0.324	0.060	6.3326	20.0
4-Chloroaniline-d4	0.471	0.443	0.010	-6.0822	40.0
Dimethylphthalate-d6	1.450	1.394	0.300	-3.8413	20.0
Acenaphthylene-d8	1.719	1.666	0.400	-3.1084	20.0
4-Nitrophenol-d4	0.289	0.269	0.010	-6.6836	40.0
Fluorene-d10	1.256	1.226	0.100	-2.3877	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.099	0.010	-15.442	40.0
Anthracene-d10	0.983	0.941	0.300	-4.3295	20.0
Pyrene-d10	1.135	1.144	0.300	0.8026	25.0
Benzo(a)pyrene-d12	1.038	0.999	0.010	-3.7336	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.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA_M Calibration Date/Time: 10/8/2024 1:03:38

Lab File ID: BM047902.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020167 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	0.545	0.010	-19.3862	40.0
Benzaldehyde	1.028	0.893	0.010	-13.1929	40.0
Pyridine	1.908	1.506	0.010	-21.0363	40.0
Phenol	2.012	1.666	0.080	-17.2106	20.0
Bis(2-Chloroethyl)ether	1.603	1.362	0.100	-15.0829	20.0
2-Chlorophenol	1.458	1.388	0.200	-4.8068	20.0
2-Methylphenol	1.403	1.269	0.010	-9.5381	20.0
2,2-oxybis(1-Chloropropane)	3.018	2.004	0.010	-33.6233	40.0
Acetophenone	2.406	2.060	0.060	-14.383	20.0
4-Methylphenol	1.577	1.374	0.010	-12.8747	20.0
N-Nitroso-di-n-propylamine	1.274	1.039	0.050	-18.4346	30.0
Hexachloroethane	0.655	0.593	0.100	-9.4788	20.0
Nitrobenzene	0.452	0.376	0.050	-16.7809	25.0
Isophorone	0.809	0.710	0.050	-12.2661	25.0
2-Nitrophenol	0.175	0.183	0.050	4.8995	25.0
2,4-Dimethylphenol	0.374	0.351	0.050	-6.189	25.0
Bis(2-Chloroethoxy)methane	0.495	0.435	0.050	-12.0871	20.0
2,4-Dichlorophenol	0.315	0.319	0.060	1.3687	20.0
Naphthalene	1.150	1.079	0.200	-6.2472	20.0
4-Chloroaniline	0.464	0.421	0.010	-9.346	40.0
Hexachlorobutadiene	0.208	0.207	0.040	-0.5432	30.0
Caprolactam	0.101	0.095	0.010	-6.1182	40.0
4-Chloro-3-methylphenol	0.326	0.321	0.040	-1.3385	25.0
1-Methylnaphthalene	0.744	0.739	0.100	-0.5924	20.0
2-Methylnaphthalene	0.731	0.706	0.100	-3.3564	20.0
Hexachlorocyclopentadiene	0.394	0.367	0.010	-6.7282	40.0
2,4,6-Trichlorophenol	0.377	0.400	0.090	6.2941	25.0
2,4,5-Trichlorophenol	0.412	0.426	0.100	3.3701	25.0
1,1-Biphenyl	1.601	1.488	0.200	-7.0695	20.0
2-Chloronaphthalene	1.238	1.177	0.300	-4.9973	20.0
2-Nitroaniline	0.393	0.322	0.050	-18.1828	40.0
Dimethylphthalate	1.468	1.423	0.300	-3.0647	20.0
2,6-Dinitrotoluene	0.258	0.274	0.080	6.2624	30.0
Acenaphthylene	1.939	1.942	0.400	0.1408	20.0
3-Nitroaniline	0.312	0.304	0.010	-2.7211	40.0
Acenaphthene	1.371	1.266	0.200	-7.6117	20.0
2,4-Dinitrophenol	0.159	0.162	0.010	1.8098	40.0
4-Nitrophenol	0.242	0.200	0.010	-17.5373	40.0
Dibenzofuran	1.845	1.736	0.300	-5.9284	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA_M Calibration Date/Time: 10/8/2024 1:03:38

Lab File ID: BM047902.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020167 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	0.405	0.070	4.5355	30.0
Diethylphthalate	1.469	1.412	0.300	-3.8768	20.0
Fluorene	1.539	1.419	0.200	-7.7774	20.0
4-Chlorophenyl-phenylether	0.727	0.696	0.100	-4.3549	20.0
4-Nitroaniline	0.303	0.318	0.010	4.8512	40.0
4,6-Dinitro-2-methylphenol	0.130	0.115	0.010	-11.5137	40.0
N-Nitrosodiphenylamine	0.623	0.587	0.050	-5.8454	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.617	0.100	-5.253	20.0
4-Bromophenyl-phenylether	0.206	0.214	0.070	3.8529	20.0
Hexachlorobenzene	0.240	0.249	0.050	3.9293	25.0
Atrazine	0.207	0.182	0.010	-12.1669	25.0
Pentachlorophenol	0.153	0.156	0.010	2.2521	40.0
Phenanthrene	1.173	1.104	0.200	-5.8769	20.0
Pentachlorobenzene	0.323	0.300	0.050	-7.1012	20.0
Anthracene	1.196	1.125	0.200	-5.9353	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.306	0.050	-7.5308	20.0
Carbazole	1.084	1.006	0.050	-7.2053	40.0
Di-n-butylphthalate	1.207	1.218	0.500	0.891	25.0
Fluoranthene	1.337	1.365	0.400	2.0892	25.0
Pyrene	1.488	1.425	0.400	-4.26	25.0
Butylbenzylphthalate	0.526	0.592	0.100	12.4797	40.0
3,3-Dichlorobenzidine	0.423	0.409	0.010	-3.2436	40.0
Benzo (a) anthracene	1.400	1.383	0.300	-1.2396	30.0
Chrysene	1.365	1.289	0.200	-5.6075	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.875	0.200	10.7591	40.0
Di-n-octyl phthalate	1.290	1.352	0.010	4.8236	40.0
Benzo (b) fluoranthene	1.247	1.207	0.200	-3.2106	25.0
Benzo (k) fluoranthene	1.275	1.211	0.200	-5.067	25.0
Benzo (a) pyrene	1.185	1.149	0.200	-3.0018	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.396	0.200	-8.0237	25.0
Dibenzo (a,h) anthracene	1.244	1.176	0.200	-5.4293	30.0
Benzo (g,h,i) perylene	1.189	1.131	0.200	-4.9399	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.359	0.040	10.6544	20.0
1,4-Dioxane-d8	0.619	0.491	0.010	-20.7153	25.0
Pyridine-d5	1.812	1.444	0.010	-20.3064	40.0
Phenol-d5	1.891	1.627	0.010	-13.9519	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	0.995	0.050	-25.8281	25.0
2-Chlorophenol-d4	1.376	1.376	0.200	0.003	20.0
4-Methylphenol-d8	1.406	1.304	0.010	-7.2445	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG No.: BM100724

Instrument ID: BNA_M Calibration Date/Time: 10/8/2024 1:03:38

Lab File ID: BM047902.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020167 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	0.4325	20.0
2-Nitrophenol-d4	0.153	0.172	0.050	12.7395	30.0
2,4-Dichlorophenol-d3	0.305	0.327	0.060	7.4299	20.0
4-Chloroaniline-d4	0.471	0.440	0.010	-6.552	40.0
Dimethylphthalate-d6	1.450	1.408	0.300	-2.9059	20.0
Acenaphthylene-d8	1.719	1.677	0.400	-2.4629	20.0
4-Nitrophenol-d4	0.289	0.269	0.010	-6.8159	40.0
Fluorene-d10	1.256	1.221	0.100	-2.7982	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.105	0.010	-10.0027	40.0
Anthracene-d10	0.983	0.937	0.300	-4.7642	20.0
Pyrene-d10	1.135	1.146	0.300	0.9654	25.0
Benzo(a)pyrene-d12	1.038	0.996	0.010	-4.048	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BM100724
Lab Sample ID:	PB163648BL	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
BM047880.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BM100724
Lab Sample ID:	PB163648BL	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
BM047880.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BM100724
Lab Sample ID:	PB163648BL	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
BM047880.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

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	4.232		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	19.908		20-120		50	SPK: -40
4165-62-2	Phenol-d5	21.35		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.687		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.917		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.512		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.823		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.854		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.064		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.914		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.154		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.272		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.923		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	24.87		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BM100724
Lab Sample ID:	PB163648BL	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
BM047880.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.226		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	23.997		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	25.01		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.761		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	263160	7.798				
1146-65-2	Naphthalene-d8	1053269	10.592				
15067-26-2	Acenaphthene-d10	650810	14.433				
1517-22-2	Phenanthrene-d10	1346620	17.174				
1719-03-5	Chrysene-d12	1301882	21.397				
1520-96-3	Perylene-d12	1507955	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4E64	SDG No.:	BM100724
Lab Sample ID:	P4109-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047881.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	66	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.2	330	ug/Kg
110-86-1	Pyridine	43	U	43	160	330	ug/Kg
108-95-2	Phenol	1100		35	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6100	E	34	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	3100	E	28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.2	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.2	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	6000	E	29	42.4	170	ug/Kg
67-72-1	Hexachloroethane	4100	E	23	42.4	170	ug/Kg
98-95-3	Nitrobenzene	1200		36	42.4	170	ug/Kg
78-59-1	Isophorone	5600	E	34	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	1900		32	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	6300	E	38	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	4300	E	39	42.4	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	5100	E	34	42.4	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		28	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	2100		37	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	7400	E	43	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		42	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4E64	SDG No.:	BM100724
Lab Sample ID:	P4109-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047881.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	10000	E	21	42.4	170	ug/Kg
208-96-8	Acenaphthylene	770		43	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.2	330	ug/Kg
83-32-9	Acenaphthene	4100	E	41	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	3100		41	82.2	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	6500	E	27	42.4	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.4	170	ug/Kg
86-73-7	Fluorene	5400	E	45	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		47	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		45	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	8100	E	50	42.4	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	8200	E	87	82.2	330	ug/Kg
85-01-8	Phenanthrene	1600		44	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.4	170	ug/Kg
120-12-7	Anthracene	1600		43	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.4	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	5700	E	42	42.4	170	ug/Kg
206-44-0	Fluoranthene	5800	E	44	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4E64	SDG No.:	BM100724
Lab Sample ID:	P4109-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047881.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2600		44	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	2100		32	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	4700	E	39	42.4	170	ug/Kg
218-01-9	Chrysene	6200	E	45	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	7300	E	44	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	5800	E	42	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		42	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		37	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3000	E	37	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		35	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.638		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	0.532	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	22.069		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.125		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.725		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	24.553		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	25.627		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.186		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.725		10-140		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.947		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.08		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.366		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.105		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	31.471		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4E64	SDG No.:	BM100724
Lab Sample ID:	P4109-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047881.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.449		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	31.447		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	36.758		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.784		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	245894	7.799				
1146-65-2	Naphthalene-d8	991941	10.593				
15067-26-2	Acenaphthene-d10	611644	14.433				
1517-22-2	Phenanthrene-d10	1223699	17.174				
1719-03-5	Chrysene-d12	1043987	21.41				
1520-96-3	Perylene-d12	1287795	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	620	J			8.152	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	170	J			9.828	
000643-58-3	1,1-Biphenyl, 2-methyl-	97	J			15.727	
001731-86-8	Undecanoic acid, methyl ester	130	J			16.963	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	140	J			17.845	
000057-10-3	n-Hexadecanoic acid	580	J			18.074	
001731-88-0	Tridecanoic acid, methyl ester	110	J			18.427	
000084-65-1	9,10-Anthracenedione	190	J			18.586	
002345-29-1	8-Octadecenoic acid, methyl ester	99	J			19.015	
031849-26-0	Triacontan-15-ol	280	J			25.574	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4E64DL	SDG No.:	BM100724
Lab Sample ID:	P4109-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047882.D	5	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	65	U	65	32.9	330	ug/Kg
100-52-7	Benzaldehyde	370	U	370	410	1600	ug/Kg
110-86-1	Pyridine	210	U	210	820	1600	ug/Kg
108-95-2	Phenol	1100	JD	170	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6100	D	170	410	1600	ug/Kg
95-57-8	2-Chlorophenol	3100	D	140	210	850	ug/Kg
95-48-7	2-Methylphenol	150	U	150	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	410	1600	ug/Kg
98-86-2	Acetophenone	190	U	190	410	1600	ug/Kg
106-44-5	4-Methylphenol	160	U	160	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	6100	D	140	210	850	ug/Kg
67-72-1	Hexachloroethane	4100	D	110	210	850	ug/Kg
98-95-3	Nitrobenzene	1100	D	180	210	850	ug/Kg
78-59-1	Isophorone	5700	D	170	210	850	ug/Kg
88-75-5	2-Nitrophenol	1700	D	160	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	6300	D	190	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	4200	D	190	210	850	ug/Kg
91-20-3	Naphthalene	170	U	170	210	850	ug/Kg
106-47-8	4-Chloroaniline	210	U	210	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	5300	D	170	210	850	ug/Kg
105-60-2	Caprolactam	600	U	600	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600	D	140	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	200	U	200	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	2100	D	180	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	390	U	390	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	7400	D	210	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600	D	210	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4E64DL	SDG No.:	BM100724
Lab Sample ID:	P4109-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047882.D	5	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	240	U	240	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	220	U	220	210	850	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	210	850	ug/Kg
131-11-3	Dimethylphthalate	210	U	210	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	9600	D	100	210	850	ug/Kg
208-96-8	Acenaphthylene	740	JD	210	210	850	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	410	1600	ug/Kg
83-32-9	Acenaphthene	4300	D	200	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	600	U	600	410	1600	ug/Kg
100-02-7	4-Nitrophenol	2900	D	200	410	1600	ug/Kg
132-64-9	Dibenzofuran	230	U	230	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	6200	D	130	210	850	ug/Kg
84-66-2	Diethylphthalate	300	U	300	210	850	ug/Kg
86-73-7	Fluorene	6400	D	220	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100	D	230	210	850	ug/Kg
100-01-6	4-Nitroaniline	210	U	210	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	210	U	210	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	250	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600	D	220	210	850	ug/Kg
118-74-1	Hexachlorobenzene	8700	D	250	210	850	ug/Kg
1912-24-9	Atrazine	190	U	190	410	1600	ug/Kg
87-86-5	Pentachlorophenol	8100	D	430	410	1600	ug/Kg
85-01-8	Phenanthrene	1600	D	220	210	850	ug/Kg
608-93-5	Pentachlorobenzene	250	U	250	210	850	ug/Kg
120-12-7	Anthracene	1600	D	210	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	160	U	160	210	850	ug/Kg
86-74-8	Carbazole	220	U	220	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	6500	D	210	210	850	ug/Kg
206-44-0	Fluoranthene	6100	D	220	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4E64DL	SDG No.:	BM100724
Lab Sample ID:	P4109-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047882.D	5	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2500	D	220	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	1800	D	160	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	4800	D	190	210	850	ug/Kg
218-01-9	Chrysene	7200	D	220	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	7600	D	220	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	6400	D	210	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	U	220	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1400	D	210	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	D	180	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2900	D	180	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000	D	170	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	180	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.12		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.12		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.125		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.035		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	23.105		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	24.13		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.955		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.875		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.76		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.845		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.105		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.99		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	31.19		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4E64DL	SDG No.:	BM100724
Lab Sample ID:	P4109-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047882.D	5	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.2		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	30.705		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	33.215		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.49		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230941	7.798				
1146-65-2	Naphthalene-d8	938294	10.592				
15067-26-2	Acenaphthene-d10	580067	14.433				
1517-22-2	Phenanthrene-d10	1201820	17.174				
1719-03-5	Chrysene-d12	1111181	21.403				
1520-96-3	Perylene-d12	1256192	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	7500	JD			8.151	
E966796	Total Alkanes	240	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4E67	SDG No.:	BM100724
Lab Sample ID:	P4131-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047883.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	66	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.2	330	ug/Kg
110-86-1	Pyridine	43	U	43	160	330	ug/Kg
108-95-2	Phenol	860		35	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4700		34	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	2500		28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.2	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.2	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4600	E	29	42.4	170	ug/Kg
67-72-1	Hexachloroethane	3200	E	23	42.4	170	ug/Kg
98-95-3	Nitrobenzene	940		36	42.4	170	ug/Kg
78-59-1	Isophorone	4300	E	34	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	1400		32	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4800	E	38	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	3200	E	39	42.4	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	3900	E	34	42.4	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		28	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		37	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5300	E	43	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		42	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4E67	SDG No.:	BM100724
Lab Sample ID:	P4131-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047883.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	7300	E	21	42.4	170	ug/Kg
208-96-8	Acenaphthylene	570		43	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.2	330	ug/Kg
83-32-9	Acenaphthene	3100	E	41	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	2000		41	82.2	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	4700	E	27	42.4	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.4	170	ug/Kg
86-73-7	Fluorene	4300	E	45	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		47	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		45	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	6000	E	50	42.4	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	5800	E	87	82.2	330	ug/Kg
85-01-8	Phenanthrene	1200		44	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.4	170	ug/Kg
120-12-7	Anthracene	1100		43	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.4	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	4300	E	42	42.4	170	ug/Kg
206-44-0	Fluoranthene	4300	E	44	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4E67	SDG No.:	BM100724
Lab Sample ID:	P4131-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047883.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800		44	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	1300		32	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	3300	E	39	42.4	170	ug/Kg
218-01-9	Chrysene	4700	E	45	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5200	E	44	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	4300	E	42	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	990		42	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	800		37	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		37	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	720		35	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.298		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.843		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.035		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.404		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.587		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	19.979		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.2		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.347		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.763		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.718		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.043		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.093		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	22.766		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4E67	SDG No.:	BM100724
Lab Sample ID:	P4131-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047883.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.105		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	22.298		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	25.404		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.951		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212391	7.798				
1146-65-2	Naphthalene-d8	859847	10.592				
15067-26-2	Acenaphthene-d10	523601	14.433				
1517-22-2	Phenanthrene-d10	1048219	17.174				
1719-03-5	Chrysene-d12	918735	21.403				
1520-96-3	Perylene-d12	1093641	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	6700	J			8.151	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	130	J			9.828	
000643-58-3	1,1-Biphenyl, 2-methyl-	73	J			15.727	
000119-61-9	Benzophenone	430	J			15.786	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	72	J			17.845	
000057-10-3	n-Hexadecanoic acid	160	J			18.068	
000084-65-1	9,10-Anthracenedione	120	J			18.586	
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	67	J			18.921	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4E67DL	SDG No.:	BM100724
Lab Sample ID:	P4131-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047884.D	5	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	65	U	65	32.9	330	ug/Kg
100-52-7	Benzaldehyde	370	U	370	410	1600	ug/Kg
110-86-1	Pyridine	210	U	210	820	1600	ug/Kg
108-95-2	Phenol	860	JD	170	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4800	D	170	410	1600	ug/Kg
95-57-8	2-Chlorophenol	2400	D	140	210	850	ug/Kg
95-48-7	2-Methylphenol	150	U	150	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	410	1600	ug/Kg
98-86-2	Acetophenone	190	U	190	410	1600	ug/Kg
106-44-5	4-Methylphenol	160	U	160	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4700	D	140	210	850	ug/Kg
67-72-1	Hexachloroethane	3200	D	110	210	850	ug/Kg
98-95-3	Nitrobenzene	890	D	180	210	850	ug/Kg
78-59-1	Isophorone	4300	D	170	210	850	ug/Kg
88-75-5	2-Nitrophenol	1300	D	160	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4800	D	190	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	3100	D	190	210	850	ug/Kg
91-20-3	Naphthalene	170	U	170	210	850	ug/Kg
106-47-8	4-Chloroaniline	210	U	210	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	4000	D	170	210	850	ug/Kg
105-60-2	Caprolactam	600	U	600	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	D	140	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	200	U	200	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	1600	D	180	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	390	U	390	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5300	D	210	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200	D	210	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4E67DL	SDG No.:	BM100724
Lab Sample ID:	P4131-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047884.D	5	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	240	U	240	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	220	U	220	210	850	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	210	850	ug/Kg
131-11-3	Dimethylphthalate	210	U	210	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	6800	D	100	210	850	ug/Kg
208-96-8	Acenaphthylene	550	JD	210	210	850	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	410	1600	ug/Kg
83-32-9	Acenaphthene	3200	D	200	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	600	U	600	410	1600	ug/Kg
100-02-7	4-Nitrophenol	1600	D	200	410	1600	ug/Kg
132-64-9	Dibenzofuran	230	U	230	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	4300	D	130	210	850	ug/Kg
84-66-2	Diethylphthalate	300	U	300	210	850	ug/Kg
86-73-7	Fluorene	4700	D	220	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	D	230	210	850	ug/Kg
100-01-6	4-Nitroaniline	210	U	210	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80	U	80	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	210	U	210	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	250	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	D	220	210	850	ug/Kg
118-74-1	Hexachlorobenzene	6300	D	250	210	850	ug/Kg
1912-24-9	Atrazine	190	U	190	410	1600	ug/Kg
87-86-5	Pentachlorophenol	5700	D	430	410	1600	ug/Kg
85-01-8	Phenanthrene	1200	D	220	210	850	ug/Kg
608-93-5	Pentachlorobenzene	250	U	250	210	850	ug/Kg
120-12-7	Anthracene	1100	D	210	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	160	U	160	210	850	ug/Kg
86-74-8	Carbazole	220	U	220	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	4400	D	210	210	850	ug/Kg
206-44-0	Fluoranthene	4300	D	220	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4E67DL	SDG No.:	BM100724
Lab Sample ID:	P4131-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047884.D	5	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	D	220	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	1100	D	160	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	3400	D	190	210	850	ug/Kg
218-01-9	Chrysene	5000	D	220	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4900	D	220	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	D	210	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	U	220	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	970	D	210	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	770	JD	180	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000	D	180	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	700	JD	170	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	180	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.38		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.345		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.385		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.72		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	17.445		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	18.085		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.465		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.64		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.53		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.45		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.46		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.32		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	22.665		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4E67DL	SDG No.:	BM100724
Lab Sample ID:	P4131-21DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM047884.D	5	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.755		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	21.425		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	23.67		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.795		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	242137	7.798				
1146-65-2	Naphthalene-d8	986734	10.592				
15067-26-2	Acenaphthene-d10	602686	14.433				
1517-22-2	Phenanthrene-d10	1234133	17.174				
1719-03-5	Chrysene-d12	1135676	21.397				
1520-96-3	Perylene-d12	1257738	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	6000	JD			8.151	
000119-61-9	Benzophenone	420	JD			15.786	
E966796	Total Alkanes	240	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EG9	SDG No.:	BM100724
Lab Sample ID:	P4083-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.9
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
BM047885.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	10.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	130	530	ug/Kg
110-86-1	Pyridine	69	U	69	270	530	ug/Kg
108-95-2	Phenol	56	U	56	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	68.4	270	ug/Kg
95-48-7	2-Methylphenol	48	U	48	130	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	130	530	ug/Kg
98-86-2	Acetophenone	120	J	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	68.4	270	ug/Kg
67-72-1	Hexachloroethane	37	U	37	68.4	270	ug/Kg
98-95-3	Nitrobenzene	58	U	58	68.4	270	ug/Kg
78-59-1	Isophorone	55	U	55	68.4	270	ug/Kg
88-75-5	2-Nitrophenol	52	U	52	68.4	270	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	68.4	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	68.4	270	ug/Kg
120-83-2	2,4-Dichlorophenol	63	U	63	68.4	270	ug/Kg
91-20-3	Naphthalene	55	U	55	68.4	270	ug/Kg
106-47-8	4-Chloroaniline	69	U	69	68.4	530	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	68.4	270	ug/Kg
105-60-2	Caprolactam	190	U	190	130	530	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	68.4	270	ug/Kg
90-12-0	1-Methylnaphthalene	66	U	66	68.4	270	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	60	68.4	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	130	530	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	68.4	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	68	U	68	68.4	270	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EG9	SDG No.:	BM100724
Lab Sample ID:	P4083-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.9
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
BM047885.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	77	U	77	68.4	270	ug/Kg
91-58-7	2-Chloronaphthalene	72	U	72	68.4	270	ug/Kg
88-74-4	2-Nitroaniline	35	U	35	68.4	270	ug/Kg
131-11-3	Dimethylphthalate	68	U	68	68.4	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	68.4	270	ug/Kg
208-96-8	Acenaphthylene	69	U	69	68.4	270	ug/Kg
99-09-2	3-Nitroaniline	32	U	32	130	530	ug/Kg
83-32-9	Acenaphthene	66	U	66	68.4	270	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	68.4	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	68.4	270	ug/Kg
84-66-2	Diethylphthalate	97	U	97	68.4	270	ug/Kg
86-73-7	Fluorene	72	U	72	68.4	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	76	U	76	68.4	270	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	68.4	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	82	U	82	68.4	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	72	U	72	68.4	270	ug/Kg
118-74-1	Hexachlorobenzene	81	U	81	68.4	270	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	330		71	68.4	270	ug/Kg
608-93-5	Pentachlorobenzene	82	U	82	68.4	270	ug/Kg
120-12-7	Anthracene	69	U	69	68.4	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	68.4	270	ug/Kg
86-74-8	Carbazole	72	U	72	130	530	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	68.4	270	ug/Kg
206-44-0	Fluoranthene	780		71	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EG9	SDG No.:	BM100724
Lab Sample ID:	P4083-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.9
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
BM047885.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	440		71	68.4	270	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	68.4	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37	U	37	130	530	ug/Kg
56-55-3	Benzo(a)anthracene	340		63	68.4	270	ug/Kg
218-01-9	Chrysene	400		72	68.4	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290		71	68.4	270	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	130	530	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		68	68.4	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	72	68.4	270	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	68	68.4	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	60	68.4	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	J	60	68.4	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	68.4	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	68.4	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.002	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.892	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	6.033		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.017		10-150		15	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.435		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	4.044		10-140		10	SPK: -40
4165-60-0	Nitrobenzene-d5	7.96		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.221		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.505		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.302		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.464		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	9.091		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.184		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	10.084		20-140		25	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EG9	SDG No.:	BM100724
Lab Sample ID:	P4083-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	37.9
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
BM047885.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

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	9.241		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	8.375		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.414		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230541	7.798				
1146-65-2	Naphthalene-d8	910051	10.587				
15067-26-2	Acenaphthene-d10	561979	14.433				
1517-22-2	Phenanthrene-d10	1163233	17.168				
1719-03-5	Chrysene-d12	1104168	21.398				
1520-96-3	Perylene-d12	1258349	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	300	J			15.786	
000057-10-3	n-Hexadecanoic acid	180	J			18.063	
	(DEL) Alkane: Straight-Chain	21.074	J			21.074	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH2	SDG No.:	BM100724
Lab Sample ID:	P4083-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.1
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
BM047886.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

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	63.5	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	83	J	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	63.5	250	ug/Kg
67-72-1	Hexachloroethane	34	U	34	63.5	250	ug/Kg
98-95-3	Nitrobenzene	54	U	54	63.5	250	ug/Kg
78-59-1	Isophorone	51	U	51	63.5	250	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	63.5	250	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	63.5	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	63.5	250	ug/Kg
120-83-2	2,4-Dichlorophenol	58	U	58	63.5	250	ug/Kg
91-20-3	Naphthalene	51	U	51	63.5	250	ug/Kg
106-47-8	4-Chloroaniline	64	U	64	63.5	490	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	63.5	250	ug/Kg
105-60-2	Caprolactam	180	U	180	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	63.5	250	ug/Kg
90-12-0	1-Methylnaphthalene	61	U	61	63.5	250	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	63.5	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	63.5	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	U	63	63.5	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH2	SDG No.:	BM100724
Lab Sample ID:	P4083-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.1
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
BM047886.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	72	U	72	63.5	250	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	67	63.5	250	ug/Kg
88-74-4	2-Nitroaniline	33	U	33	63.5	250	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	63.5	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	63.5	250	ug/Kg
208-96-8	Acenaphthylene	64	U	64	63.5	250	ug/Kg
99-09-2	3-Nitroaniline	30	U	30	120	490	ug/Kg
83-32-9	Acenaphthene	61	U	61	63.5	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	63.5	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	63.5	250	ug/Kg
84-66-2	Diethylphthalate	90	U	90	63.5	250	ug/Kg
86-73-7	Fluorene	67	U	67	63.5	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	70	U	70	63.5	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	63.5	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	76	U	76	63.5	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	67	U	67	63.5	250	ug/Kg
118-74-1	Hexachlorobenzene	75	U	75	63.5	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	360		66	63.5	250	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	63.5	250	ug/Kg
120-12-7	Anthracene	66	J	64	63.5	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	49	U	49	63.5	250	ug/Kg
86-74-8	Carbazole	67	U	67	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	63.5	250	ug/Kg
206-44-0	Fluoranthene	740		66	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH2	SDG No.:	BM100724
Lab Sample ID:	P4083-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.1
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
BM047886.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	410		66	63.5	250	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	63.5	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	34	U	34	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	310		58	63.5	250	ug/Kg
218-01-9	Chrysene	350		67	63.5	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250		66	63.5	250	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	470		63	63.5	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	67	63.5	250	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	63	63.5	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	55	63.5	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	63.5	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	63.5	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	63.5	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.062	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	9.249		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.849		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.146		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	7.738		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	11.595		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.792		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.328		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.179		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.733		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	12.395		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.789		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	13.216		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH2	SDG No.:	BM100724
Lab Sample ID:	P4083-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.1
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
BM047886.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.789		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	12.58		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	12.247		10-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	9.862		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	213994	7.799				
1146-65-2	Naphthalene-d8	857381	10.587				
15067-26-2	Acenaphthene-d10	526818	14.433				
1517-22-2	Phenanthrene-d10	1089050	17.169				
1719-03-5	Chrysene-d12	1048749	21.398				
1520-96-3	Perylene-d12	1174832	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	250	J			15.786	
000057-10-3	n-Hexadecanoic acid	170	J			18.063	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			18.239	
	(DEL) Alkane: Straight-Chain	21.074	J			21.074	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BM100724
Lab Sample ID:	PB163651BL	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
BM047888.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BM100724
Lab Sample ID:	PB163651BL	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
BM047888.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BM100724
Lab Sample ID:	PB163651BL	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
BM047888.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

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	4.279		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	21.2		20-120		53	SPK: -40
4165-62-2	Phenol-d5	23.265		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.186		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.786		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	24.917		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	27.034		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.437		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.633		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.15		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.36		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.636		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.988		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	27.214		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK651	SDG No.:	BM100724
Lab Sample ID:	PB163651BL	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
BM047888.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.173		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	26.518		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	28.462		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.439		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	256865	7.799				
1146-65-2	Naphthalene-d8	1036792	10.592				
15067-26-2	Acenaphthene-d10	646832	14.433				
1517-22-2	Phenanthrene-d10	1316819	17.169				
1719-03-5	Chrysene-d12	1219351	21.398				
1520-96-3	Perylene-d12	1394304	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	A4EK2	SDG No.:	BM100724
Lab Sample ID:	P4083-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047889.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	12.6	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	160	630	ug/Kg
110-86-1	Pyridine	82	U	82	310	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	53	U	53	80.8	320	ug/Kg
95-48-7	2-Methylphenol	57	U	57	160	630	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	160	630	ug/Kg
98-86-2	Acetophenone	150	J	72	160	630	ug/Kg
106-44-5	4-Methylphenol	61	U	61	160	630	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	80.8	320	ug/Kg
67-72-1	Hexachloroethane	44	U	44	80.8	320	ug/Kg
98-95-3	Nitrobenzene	68	U	68	80.8	320	ug/Kg
78-59-1	Isophorone	65	U	65	80.8	320	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	80.8	320	ug/Kg
105-67-9	2,4-Dimethylphenol	53	U	53	80.8	320	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	72	U	72	80.8	320	ug/Kg
120-83-2	2,4-Dichlorophenol	74	U	74	80.8	320	ug/Kg
91-20-3	Naphthalene	65	U	65	80.8	320	ug/Kg
106-47-8	4-Chloroaniline	82	U	82	80.8	630	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	80.8	320	ug/Kg
105-60-2	Caprolactam	230	U	230	160	630	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	80.8	320	ug/Kg
90-12-0	1-Methylnaphthalene	78	U	78	80.8	320	ug/Kg
91-57-6	2-Methylnaphthalene	70	U	70	80.8	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	160	630	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82	U	82	80.8	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80	U	80	80.8	320	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	A4EK2	SDG No.:	BM100724
Lab Sample ID:	P4083-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
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
BM047889.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	91	U	91	80.8	320	ug/Kg
91-58-7	2-Chloronaphthalene	86	U	86	80.8	320	ug/Kg
88-74-4	2-Nitroaniline	42	U	42	80.8	320	ug/Kg
131-11-3	Dimethylphthalate	80	U	80	80.8	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	40	U	40	80.8	320	ug/Kg
208-96-8	Acenaphthylene	82	U	82	80.8	320	ug/Kg
99-09-2	3-Nitroaniline	38	U	38	160	630	ug/Kg
83-32-9	Acenaphthene	78	U	78	80.8	320	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	160	630	ug/Kg
100-02-7	4-Nitrophenol	78	U	78	160	630	ug/Kg
132-64-9	Dibenzofuran	87	U	87	80.8	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	80.8	320	ug/Kg
84-66-2	Diethylphthalate	110	U	110	80.8	320	ug/Kg
86-73-7	Fluorene	86	U	86	80.8	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89	U	89	80.8	320	ug/Kg
100-01-6	4-Nitroaniline	80	U	80	160	630	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	160	630	ug/Kg
86-30-6	N-Nitrosodiphenylamine	80	U	80	80.8	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97	U	97	80.8	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86	U	86	80.8	320	ug/Kg
118-74-1	Hexachlorobenzene	95	U	95	80.8	320	ug/Kg
1912-24-9	Atrazine	74	U	74	160	630	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	160	630	ug/Kg
85-01-8	Phenanthrene	84	U	84	80.8	320	ug/Kg
608-93-5	Pentachlorobenzene	97	U	97	80.8	320	ug/Kg
120-12-7	Anthracene	82	U	82	80.8	320	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	80.8	320	ug/Kg
86-74-8	Carbazole	86	U	86	160	630	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	80.8	320	ug/Kg
206-44-0	Fluoranthene	160	J	84	160	320	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	A4EK2	SDG No.:	BM100724
Lab Sample ID:	P4083-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
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
BM047889.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	95	J	84	80.8	320	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	61	80.8	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	44	U	44	160	630	ug/Kg
56-55-3	Benzo(a)anthracene	74	U	74	80.8	320	ug/Kg
218-01-9	Chrysene	86	U	86	80.8	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	84	U	84	80.8	320	ug/Kg
117-84-0	Di-n-octyl phthalate	65	U	65	160	630	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	80	80.8	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	86	U	86	80.8	320	ug/Kg
50-32-8	Benzo(a)pyrene	80	U	80	80.8	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70	U	70	80.8	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	U	70	80.8	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	U	67	80.8	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	70	U	70	80.8	320	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.724	*	15-120		9	SPK: -8
7291-22-7	Pyridine-d5	0.918	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	8.956		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.022		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.825		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	7.993		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	13.097		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.184		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.692		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.164		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.447		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	14.241		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.712		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	15.134		20-140		38	SPK: -40

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	A4EK2	SDG No.:	BM100724
Lab Sample ID:	P4083-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047889.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.018		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	13.746		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	14.099		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.813		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170217	7.798				
1146-65-2	Naphthalene-d8	683644	10.586				
15067-26-2	Acenaphthene-d10	420135	14.433				
1517-22-2	Phenanthrene-d10	867282	17.168				
1719-03-5	Chrysene-d12	831462	21.398				
1520-96-3	Perylene-d12	934504	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	330	J			15.786	
E966796	Total Alkanes	91	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	A4EK3	SDG No.:	BM100724
Lab Sample ID:	P4083-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047890.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	12.6	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	160	630	ug/Kg
110-86-1	Pyridine	82	U	82	310	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	53	U	53	80.8	320	ug/Kg
95-48-7	2-Methylphenol	57	U	57	160	630	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	160	630	ug/Kg
98-86-2	Acetophenone	180	J	72	160	630	ug/Kg
106-44-5	4-Methylphenol	61	U	61	160	630	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	80.8	320	ug/Kg
67-72-1	Hexachloroethane	44	U	44	80.8	320	ug/Kg
98-95-3	Nitrobenzene	68	U	68	80.8	320	ug/Kg
78-59-1	Isophorone	65	U	65	80.8	320	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	80.8	320	ug/Kg
105-67-9	2,4-Dimethylphenol	53	U	53	80.8	320	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	72	U	72	80.8	320	ug/Kg
120-83-2	2,4-Dichlorophenol	74	U	74	80.8	320	ug/Kg
91-20-3	Naphthalene	65	U	65	80.8	320	ug/Kg
106-47-8	4-Chloroaniline	82	U	82	80.8	630	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	80.8	320	ug/Kg
105-60-2	Caprolactam	230	U	230	160	630	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	80.8	320	ug/Kg
90-12-0	1-Methylnaphthalene	78	U	78	80.8	320	ug/Kg
91-57-6	2-Methylnaphthalene	70	U	70	80.8	320	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	160	630	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82	U	82	80.8	320	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80	U	80	80.8	320	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	A4EK3	SDG No.:	BM100724
Lab Sample ID:	P4083-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047890.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	91	U	91	80.8	320	ug/Kg
91-58-7	2-Chloronaphthalene	86	U	86	80.8	320	ug/Kg
88-74-4	2-Nitroaniline	42	U	42	80.8	320	ug/Kg
131-11-3	Dimethylphthalate	80	U	80	80.8	320	ug/Kg
606-20-2	2,6-Dinitrotoluene	40	U	40	80.8	320	ug/Kg
208-96-8	Acenaphthylene	82	U	82	80.8	320	ug/Kg
99-09-2	3-Nitroaniline	38	U	38	160	630	ug/Kg
83-32-9	Acenaphthene	78	U	78	80.8	320	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	160	630	ug/Kg
100-02-7	4-Nitrophenol	78	U	78	160	630	ug/Kg
132-64-9	Dibenzofuran	87	U	87	80.8	320	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	80.8	320	ug/Kg
84-66-2	Diethylphthalate	110	U	110	80.8	320	ug/Kg
86-73-7	Fluorene	86	U	86	80.8	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89	U	89	80.8	320	ug/Kg
100-01-6	4-Nitroaniline	80	U	80	160	630	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	160	630	ug/Kg
86-30-6	N-Nitrosodiphenylamine	80	U	80	80.8	320	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97	U	97	80.8	320	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86	U	86	80.8	320	ug/Kg
118-74-1	Hexachlorobenzene	95	U	95	80.8	320	ug/Kg
1912-24-9	Atrazine	74	U	74	160	630	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	160	630	ug/Kg
85-01-8	Phenanthrene	260	J	84	80.8	320	ug/Kg
608-93-5	Pentachlorobenzene	97	U	97	80.8	320	ug/Kg
120-12-7	Anthracene	82	U	82	80.8	320	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	80.8	320	ug/Kg
86-74-8	Carbazole	86	U	86	160	630	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	80.8	320	ug/Kg
206-44-0	Fluoranthene	520		84	160	320	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	A4EK3	SDG No.:	BM100724
Lab Sample ID:	P4083-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047890.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290	J	84	80.8	320	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	61	80.8	320	ug/Kg
91-94-1	3,3-Dichlorobenzidine	44	U	44	160	630	ug/Kg
56-55-3	Benzo(a)anthracene	220	J	74	80.8	320	ug/Kg
218-01-9	Chrysene	260	J	86	80.8	320	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230	J	84	80.8	320	ug/Kg
117-84-0	Di-n-octyl phthalate	65	U	65	160	630	ug/Kg
205-99-2	Benzo(b)fluoranthene	320		80	80.8	320	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	86	80.8	320	ug/Kg
50-32-8	Benzo(a)pyrene	90	J	80	80.8	320	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	76	J	70	80.8	320	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	U	70	80.8	320	ug/Kg
191-24-2	Benzo(g,h,i)perylene	67	U	67	80.8	320	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	70	U	70	80.8	320	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.247		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.695		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.869		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.091		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	7.856		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	14.297		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.884		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.54		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.804		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.571		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.181		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.589		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	16.247		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	A4EK3	SDG No.:	BM100724
Lab Sample ID:	P4083-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047890.D	1	9/23/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.198		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	14.474		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	14.689		10-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.811		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207306	7.798				
1146-65-2	Naphthalene-d8	832026	10.586				
15067-26-2	Acenaphthene-d10	508165	14.433				
1517-22-2	Phenanthrene-d10	1024306	17.168				
1719-03-5	Chrysene-d12	964716	21.397				
1520-96-3	Perylene-d12	1073152	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	340	J			15.786	
000057-10-3	n-Hexadecanoic acid	180	J			18.062	
	(DEL) Alkane: Straight-Chain	22.156	J			22.156	
E966796	Total Alkanes	190				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH5	SDG No.:	BM100724
Lab Sample ID:	P4109-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047891.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

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	76.5	310	ug/Kg
95-48-7	2-Methylphenol	54	U	54	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	150	590	ug/Kg
98-86-2	Acetophenone	68	U	68	150	590	ug/Kg
106-44-5	4-Methylphenol	58	U	58	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	52	U	52	76.5	310	ug/Kg
67-72-1	Hexachloroethane	41	U	41	76.5	310	ug/Kg
98-95-3	Nitrobenzene	65	U	65	76.5	310	ug/Kg
78-59-1	Isophorone	61	U	61	76.5	310	ug/Kg
88-75-5	2-Nitrophenol	58	U	58	76.5	310	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	76.5	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	76.5	310	ug/Kg
120-83-2	2,4-Dichlorophenol	70	U	70	76.5	310	ug/Kg
91-20-3	Naphthalene	61	U	61	76.5	310	ug/Kg
106-47-8	4-Chloroaniline	77	U	77	76.5	590	ug/Kg
87-68-3	Hexachlorobutadiene	61	U	61	76.5	310	ug/Kg
105-60-2	Caprolactam	220	U	220	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	76.5	310	ug/Kg
90-12-0	1-Methylnaphthalene	74	U	74	76.5	310	ug/Kg
91-57-6	2-Methylnaphthalene	67	U	67	76.5	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	76.5	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76	U	76	76.5	310	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH5	SDG No.:	BM100724
Lab Sample ID:	P4109-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047891.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	86	U	86	76.5	310	ug/Kg
91-58-7	2-Chloronaphthalene	81	U	81	76.5	310	ug/Kg
88-74-4	2-Nitroaniline	40	U	40	76.5	310	ug/Kg
131-11-3	Dimethylphthalate	76	U	76	76.5	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	38	U	38	76.5	310	ug/Kg
208-96-8	Acenaphthylene	77	U	77	76.5	310	ug/Kg
99-09-2	3-Nitroaniline	36	U	36	150	590	ug/Kg
83-32-9	Acenaphthene	74	U	74	76.5	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	76.5	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	76.5	310	ug/Kg
84-66-2	Diethylphthalate	110	U	110	76.5	310	ug/Kg
86-73-7	Fluorene	81	U	81	76.5	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85	U	85	76.5	310	ug/Kg
100-01-6	4-Nitroaniline	76	U	76	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	76	U	76	76.5	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92	U	92	76.5	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81	U	81	76.5	310	ug/Kg
118-74-1	Hexachlorobenzene	90	U	90	76.5	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	88	J	79	76.5	310	ug/Kg
608-93-5	Pentachlorobenzene	92	U	92	76.5	310	ug/Kg
120-12-7	Anthracene	77	U	77	76.5	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	76.5	310	ug/Kg
86-74-8	Carbazole	81	U	81	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	76.5	310	ug/Kg
206-44-0	Fluoranthene	180	J	79	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH5	SDG No.:	BM100724
Lab Sample ID:	P4109-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047891.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	79	76.5	310	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	76.5	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	82	J	70	76.5	310	ug/Kg
218-01-9	Chrysene	94	J	81	76.5	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	79	U	79	76.5	310	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	76	76.5	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	U	81	76.5	310	ug/Kg
50-32-8	Benzo(a)pyrene	79	J	76	76.5	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	67	U	67	76.5	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	U	67	76.5	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	U	63	76.5	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67	U	67	76.5	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.216		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	14.558		20-120		36	SPK: -40
4165-62-2	Phenol-d5	18.716		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.905		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.467		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.496		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	21.602		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.058		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.698		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.207		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.522		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.547		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.515		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	24.9		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH5	SDG No.:	BM100724
Lab Sample ID:	P4109-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047891.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.938		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	23.721		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	26.343		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.188		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	270675	7.798				
1146-65-2	Naphthalene-d8	1085049	10.586				
15067-26-2	Acenaphthene-d10	676960	14.433				
1517-22-2	Phenanthrene-d10	1410371	17.168				
1719-03-5	Chrysene-d12	1319466	21.397				
1520-96-3	Perylene-d12	1507249	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.786	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	130	J			17.774	
000057-10-3	n-Hexadecanoic acid	400	J			18.068	
	unknown-01	310	J			20.962	
	(DEL) Alkane: Straight-Chain	21.068	J			21.068	
	unknown-02	380	J			21.25	
	(DEL) Alkane: Straight-Chain	21.592	J			21.592	
E966796	Total Alkanes	780				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH8	SDG No.:	BM100724
Lab Sample ID:	P4109-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047892.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	81	ug/Kg
100-52-7	Benzaldehyde	91	U	91	99.6	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.6	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.6	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.3	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.6	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.6	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.6	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.6	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.3	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.3	210	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.3	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.3	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.3	210	ug/Kg
105-60-2	Caprolactam	140	U	140	99.6	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.6	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH8	SDG No.:	BM100724
Lab Sample ID:	P4109-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047892.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.3	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.6	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.6	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	99.6	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.3	210	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.3	210	ug/Kg
86-73-7	Fluorene	54	U	54	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.6	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.6	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.3	210	ug/Kg
1912-24-9	Atrazine	47	U	47	99.6	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.6	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.3	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.3	210	ug/Kg
86-74-8	Carbazole	54	U	54	99.6	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.3	210	ug/Kg
206-44-0	Fluoranthene	53	U	53	99.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH8	SDG No.:	BM100724
Lab Sample ID:	P4109-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047892.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.6	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.3	210	ug/Kg
218-01-9	Chrysene	54	U	54	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.6	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.512		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	12.437		20-120		31	SPK: -40
4165-62-2	Phenol-d5	15.305		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.809		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.698		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.783		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	17.813		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.96		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.106		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.942		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.82		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	19.461		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.033		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	20.739		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EH8	SDG No.:	BM100724
Lab Sample ID:	P4109-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047892.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.06		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	20.205		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	22.648		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.655		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	295216	7.798				
1146-65-2	Naphthalene-d8	1183381	10.586				
15067-26-2	Acenaphthene-d10	741314	14.433				
1517-22-2	Phenanthrene-d10	1521260	17.168				
1719-03-5	Chrysene-d12	1416076	21.397				
1520-96-3	Perylene-d12	1612203	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	200	J			15.786	
000057-10-3	n-Hexadecanoic acid	180	J			18.062	
1000406-04-8	Pentadecafluorooctanoic acid, octa	100	J			21.074	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EJ9	SDG No.:	BM100724
Lab Sample ID:	P4109-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.8
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
BM047893.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26	U	26	13.4	140	ug/Kg
100-52-7	Benzaldehyde	150	U	150	170	670	ug/Kg
110-86-1	Pyridine	87	U	87	340	670	ug/Kg
108-95-2	Phenol	71	U	71	170	670	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	170	670	ug/Kg
95-57-8	2-Chlorophenol	57	U	57	86.4	350	ug/Kg
95-48-7	2-Methylphenol	61	U	61	170	670	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	55	U	55	170	670	ug/Kg
98-86-2	Acetophenone	120	J	77	170	670	ug/Kg
106-44-5	4-Methylphenol	65	U	65	170	670	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	59	86.4	350	ug/Kg
67-72-1	Hexachloroethane	47	U	47	86.4	350	ug/Kg
98-95-3	Nitrobenzene	73	U	73	86.4	350	ug/Kg
78-59-1	Isophorone	69	U	69	86.4	350	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	86.4	350	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	57	86.4	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	77	U	77	86.4	350	ug/Kg
120-83-2	2,4-Dichlorophenol	79	U	79	86.4	350	ug/Kg
91-20-3	Naphthalene	77	J	69	86.4	350	ug/Kg
106-47-8	4-Chloroaniline	87	U	87	86.4	670	ug/Kg
87-68-3	Hexachlorobutadiene	69	U	69	86.4	350	ug/Kg
105-60-2	Caprolactam	240	U	240	170	670	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	86.4	350	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	86.4	350	ug/Kg
91-57-6	2-Methylnaphthalene	75	U	75	86.4	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	170	670	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87	U	87	86.4	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85	U	85	86.4	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EJ9	SDG No.:	BM100724
Lab Sample ID:	P4109-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.8
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
BM047893.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	98	U	98	86.4	350	ug/Kg
91-58-7	2-Chloronaphthalene	91	U	91	86.4	350	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	86.4	350	ug/Kg
131-11-3	Dimethylphthalate	85	U	85	86.4	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	43	U	43	86.4	350	ug/Kg
208-96-8	Acenaphthylene	87	U	87	86.4	350	ug/Kg
99-09-2	3-Nitroaniline	41	U	41	170	670	ug/Kg
83-32-9	Acenaphthene	110	J	83	86.4	350	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	170	670	ug/Kg
100-02-7	4-Nitrophenol	83	U	83	170	670	ug/Kg
132-64-9	Dibenzofuran	93	U	93	86.4	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	86.4	350	ug/Kg
84-66-2	Diethylphthalate	120	U	120	86.4	350	ug/Kg
86-73-7	Fluorene	100	J	91	86.4	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96	U	96	86.4	350	ug/Kg
100-01-6	4-Nitroaniline	85	U	85	170	670	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	33	U	33	170	670	ug/Kg
86-30-6	N-Nitrosodiphenylamine	85	U	85	86.4	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	86.4	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91	U	91	86.4	350	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	86.4	350	ug/Kg
1912-24-9	Atrazine	79	U	79	170	670	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	170	670	ug/Kg
85-01-8	Phenanthrene	1000		89	86.4	350	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	86.4	350	ug/Kg
120-12-7	Anthracene	180	J	87	86.4	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	67	U	67	86.4	350	ug/Kg
86-74-8	Carbazole	110	J	91	170	670	ug/Kg
84-74-2	Di-n-butylphthalate	85	U	85	86.4	350	ug/Kg
206-44-0	Fluoranthene	1200		89	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EJ9	SDG No.:	BM100724
Lab Sample ID:	P4109-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.8
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
BM047893.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	700		89	86.4	350	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	65	86.4	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	47	U	47	170	670	ug/Kg
56-55-3	Benzo(a)anthracene	450		79	86.4	350	ug/Kg
218-01-9	Chrysene	440		91	86.4	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	89	U	89	86.4	350	ug/Kg
117-84-0	Di-n-octyl phthalate	69	U	69	170	670	ug/Kg
205-99-2	Benzo(b)fluoranthene	500		85	86.4	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	91	86.4	350	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	85	86.4	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	75	86.4	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	75	U	75	86.4	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	71	U	71	86.4	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	75	U	75	86.4	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.65		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	0.918	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.177		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.981		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.828		15-120		27	SPK: -40
190780-66-6	4-Methylphenol-d8	9.322		10-140		23	SPK: -40
4165-60-0	Nitrobenzene-d5	10.418		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.632		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.389		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.194		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.042		10-145		28	SPK: -40
93951-97-4	Acenaphthylene-d8	10.659		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.313		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	11.423		20-140		29	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EJ9	SDG No.:	BM100724
Lab Sample ID:	P4109-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	50.8
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
BM047893.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.625		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	10.69		10-150		27	SPK: -40
1718-52-1	Pyrene-d10	10.088		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.913		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	311409	7.799				
1146-65-2	Naphthalene-d8	1243265	10.587				
15067-26-2	Acenaphthene-d10	759985	14.434				
1517-22-2	Phenanthrene-d10	1558042	17.169				
1719-03-5	Chrysene-d12	1477216	21.398				
1520-96-3	Perylene-d12	1670288	24.398				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.917	
000119-61-9	Benzophenone	170	J			15.786	
000057-10-3	n-Hexadecanoic acid	230	J			18.063	
000203-64-5	4H-Cyclopenta[def]phenanthrene	220	J			18.239	
E966796	Total Alkanes	98	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EK0	SDG No.:	BM100724
Lab Sample ID:	P4109-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.2
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
BM047894.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	12	120	ug/Kg
100-52-7	Benzaldehyde	140	U	140	150	600	ug/Kg
110-86-1	Pyridine	78	U	78	300	600	ug/Kg
108-95-2	Phenol	64	U	64	150	600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	62	U	62	150	600	ug/Kg
95-57-8	2-Chlorophenol	51	U	51	77.3	310	ug/Kg
95-48-7	2-Methylphenol	55	U	55	150	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	150	600	ug/Kg
98-86-2	Acetophenone	69	U	69	150	600	ug/Kg
106-44-5	4-Methylphenol	58	U	58	150	600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	53	U	53	77.3	310	ug/Kg
67-72-1	Hexachloroethane	42	U	42	77.3	310	ug/Kg
98-95-3	Nitrobenzene	65	U	65	77.3	310	ug/Kg
78-59-1	Isophorone	62	U	62	77.3	310	ug/Kg
88-75-5	2-Nitrophenol	58	U	58	77.3	310	ug/Kg
105-67-9	2,4-Dimethylphenol	51	U	51	77.3	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	69	U	69	77.3	310	ug/Kg
120-83-2	2,4-Dichlorophenol	71	U	71	77.3	310	ug/Kg
91-20-3	Naphthalene	62	U	62	77.3	310	ug/Kg
106-47-8	4-Chloroaniline	78	U	78	77.3	600	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	77.3	310	ug/Kg
105-60-2	Caprolactam	220	U	220	150	600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	77.3	310	ug/Kg
90-12-0	1-Methylnaphthalene	75	U	75	77.3	310	ug/Kg
91-57-6	2-Methylnaphthalene	67	U	67	77.3	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	150	600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78	U	78	77.3	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76	U	76	77.3	310	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EK0	SDG No.:	BM100724
Lab Sample ID:	P4109-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.2
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
BM047894.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	87	U	87	77.3	310	ug/Kg
91-58-7	2-Chloronaphthalene	82	U	82	77.3	310	ug/Kg
88-74-4	2-Nitroaniline	40	U	40	77.3	310	ug/Kg
131-11-3	Dimethylphthalate	76	U	76	77.3	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	38	U	38	77.3	310	ug/Kg
208-96-8	Acenaphthylene	78	U	78	77.3	310	ug/Kg
99-09-2	3-Nitroaniline	36	U	36	150	600	ug/Kg
83-32-9	Acenaphthene	75	U	75	77.3	310	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	150	600	ug/Kg
100-02-7	4-Nitrophenol	75	U	75	150	600	ug/Kg
132-64-9	Dibenzofuran	84	U	84	77.3	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	77.3	310	ug/Kg
84-66-2	Diethylphthalate	110	U	110	77.3	310	ug/Kg
86-73-7	Fluorene	82	U	82	77.3	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85	U	85	77.3	310	ug/Kg
100-01-6	4-Nitroaniline	76	U	76	150	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	29	U	29	150	600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	76	U	76	77.3	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93	U	93	77.3	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82	U	82	77.3	310	ug/Kg
118-74-1	Hexachlorobenzene	91	U	91	77.3	310	ug/Kg
1912-24-9	Atrazine	71	U	71	150	600	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	150	600	ug/Kg
85-01-8	Phenanthrene	80	U	80	77.3	310	ug/Kg
608-93-5	Pentachlorobenzene	93	U	93	77.3	310	ug/Kg
120-12-7	Anthracene	78	U	78	77.3	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	60	U	60	77.3	310	ug/Kg
86-74-8	Carbazole	82	U	82	150	600	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	77.3	310	ug/Kg
206-44-0	Fluoranthene	110	J	80	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EK0	SDG No.:	BM100724
Lab Sample ID:	P4109-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.2
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
BM047894.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	91	J	80	77.3	310	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.3	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42	U	42	150	600	ug/Kg
56-55-3	Benzo(a)anthracene	71	U	71	77.3	310	ug/Kg
218-01-9	Chrysene	82	U	82	77.3	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	80	U	80	77.3	310	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	150	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	76	U	76	77.3	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	82	U	82	77.3	310	ug/Kg
50-32-8	Benzo(a)pyrene	76	U	76	77.3	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	67	U	67	77.3	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	67	U	67	77.3	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64	U	64	77.3	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67	U	67	77.3	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.989		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	14.571		20-120		36	SPK: -40
4165-62-2	Phenol-d5	18.972		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.884		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.471		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	21.356		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.329		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.372		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.218		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.227		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.847		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.55		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.239		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	25.929		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	9/18/2024 12:00:00 AM
Project:		Date Received:	9/18/2024 12:00:00 AM
Client Sample ID:	A4EK0	SDG No.:	BM100724
Lab Sample ID:	P4109-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.2
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
BM047894.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.858		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	24.955		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	28.447		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.108		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	341446	7.798				
1146-65-2	Naphthalene-d8	1397120	10.592				
15067-26-2	Acenaphthene-d10	878497	14.433				
1517-22-2	Phenanthrene-d10	1779100	17.168				
1719-03-5	Chrysene-d12	1641288	21.397				
1520-96-3	Perylene-d12	1891362	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	270	J			15.786	
000057-10-3	n-Hexadecanoic acid	480	J			18.068	
	(DEL) Alkane: Straight-Chain	21.074	J			21.074	
E966796	Total Alkanes	340				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET8	SDG No.:	BM100724
Lab Sample ID:	P4109-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
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
BM047895.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

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:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET8	SDG No.:	BM100724
Lab Sample ID:	P4109-16	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
BM047895.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

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	67	U	67	120	260	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET8	SDG No.:	BM100724
Lab Sample ID:	P4109-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.2
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
BM047895.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

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	2.337		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	11.096		20-120		28	SPK: -40
4165-62-2	Phenol-d5	13.429		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.337		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.431		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	14.856		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	15.271		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.291		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.608		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.088		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.237		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.03		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.385		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	18.09		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET8	SDG No.:	BM100724
Lab Sample ID:	P4109-16	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
BM047895.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.442		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	17.533		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	19.64		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.006		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	313418	7.798				
1146-65-2	Naphthalene-d8	1265638	10.592				
15067-26-2	Acenaphthene-d10	796168	14.433				
1517-22-2	Phenanthrene-d10	1623557	17.168				
1719-03-5	Chrysene-d12	1525456	21.397				
1520-96-3	Perylene-d12	1736637	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.786	
000057-10-3	n-Hexadecanoic acid	170	J			18.062	
E966796	Total Alkanes	73	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW2	SDG No.:	BM100724
Lab Sample ID:	P4109-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047896.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	16.3	160	ug/Kg
100-52-7	Benzaldehyde	190	U	190	200	810	ug/Kg
110-86-1	Pyridine	110	U	110	410	810	ug/Kg
108-95-2	Phenol	86	U	86	200	810	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	84	U	84	200	810	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	100	420	ug/Kg
95-48-7	2-Methylphenol	74	U	74	200	810	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	200	810	ug/Kg
98-86-2	Acetophenone	94	U	94	200	810	ug/Kg
106-44-5	4-Methylphenol	79	U	79	200	810	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	100	420	ug/Kg
67-72-1	Hexachloroethane	57	U	57	100	420	ug/Kg
98-95-3	Nitrobenzene	89	U	89	100	420	ug/Kg
78-59-1	Isophorone	84	U	84	100	420	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	100	420	ug/Kg
105-67-9	2,4-Dimethylphenol	69	U	69	100	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	94	U	94	100	420	ug/Kg
120-83-2	2,4-Dichlorophenol	96	U	96	100	420	ug/Kg
91-20-3	Naphthalene	84	U	84	100	420	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	100	810	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	100	420	ug/Kg
105-60-2	Caprolactam	300	U	300	200	810	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	100	420	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	100	420	ug/Kg
91-57-6	2-Methylnaphthalene	91	U	91	100	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	200	810	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	100	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	100	420	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW2	SDG No.:	BM100724
Lab Sample ID:	P4109-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047896.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	100	420	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	100	420	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	100	420	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	100	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	100	420	ug/Kg
208-96-8	Acenaphthylene	110	U	110	100	420	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	200	810	ug/Kg
83-32-9	Acenaphthene	100	U	100	100	420	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	200	810	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	200	810	ug/Kg
132-64-9	Dibenzofuran	110	U	110	100	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	67	U	67	100	420	ug/Kg
84-66-2	Diethylphthalate	150	U	150	100	420	ug/Kg
86-73-7	Fluorene	110	U	110	100	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	100	420	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	200	810	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	200	810	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	100	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	100	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	100	420	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	100	420	ug/Kg
1912-24-9	Atrazine	96	U	96	200	810	ug/Kg
87-86-5	Pentachlorophenol	210	U	210	200	810	ug/Kg
85-01-8	Phenanthrene	110	U	110	100	420	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	100	420	ug/Kg
120-12-7	Anthracene	110	U	110	100	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	81	U	81	100	420	ug/Kg
86-74-8	Carbazole	110	U	110	200	810	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	100	420	ug/Kg
206-44-0	Fluoranthene	110	U	110	200	420	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW2	SDG No.:	BM100724
Lab Sample ID:	P4109-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
Sample Wt/Vol:	30.1	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
BM047896.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	U	110	100	420	ug/Kg
85-68-7	Butylbenzylphthalate	79	U	79	100	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	200	810	ug/Kg
56-55-3	Benzo(a)anthracene	96	U	96	100	420	ug/Kg
218-01-9	Chrysene	110	U	110	100	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	100	420	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	200	810	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	100	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	100	420	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	100	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91	U	91	100	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91	U	91	100	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86	U	86	100	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91	U	91	100	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.363		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	10.322		20-120		26	SPK: -40
4165-62-2	Phenol-d5	14.405		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.521		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.93		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	16.274		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	16.762		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.31		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.524		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.11		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.397		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	18.694		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.101		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	20.079		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW2	SDG No.:	BM100724
Lab Sample ID:	P4109-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047896.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.873		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	19.261		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	21.58		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.931		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	287518	7.798				
1146-65-2	Naphthalene-d8	1170217	10.586				
15067-26-2	Acenaphthene-d10	722462	14.433				
1517-22-2	Phenanthrene-d10	1472890	17.168				
1719-03-5	Chrysene-d12	1368607	21.397				
1520-96-3	Perylene-d12	1544384	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	270	J			15.786	
000057-10-3	n-Hexadecanoic acid	380	J			18.062	
1000406-04-8	Pentadecafluorooctanoic acid, octa	200	J			21.074	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW7	SDG No.:	BM100724
Lab Sample ID:	P4109-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BM047897.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	78	ug/Kg
100-52-7	Benzaldehyde	88	U	88	96.6	390	ug/Kg
110-86-1	Pyridine	50	U	50	190	390	ug/Kg
108-95-2	Phenol	41	U	41	96.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	96.6	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.8	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	96.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	96.6	390	ug/Kg
98-86-2	Acetophenone	44	U	44	96.6	390	ug/Kg
106-44-5	4-Methylphenol	37	U	37	96.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.8	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.8	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.8	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	49.8	200	ug/Kg
91-20-3	Naphthalene	40	U	40	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.8	200	ug/Kg
105-60-2	Caprolactam	140	U	140	96.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	96.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW7	SDG No.:	BM100724
Lab Sample ID:	P4109-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BM047897.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	49.8	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	96.6	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	96.6	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	96.6	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	49.8	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.8	200	ug/Kg
86-73-7	Fluorene	53	U	53	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	96.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	96.6	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	49.8	200	ug/Kg
1912-24-9	Atrazine	46	U	46	96.6	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.6	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.8	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	49.8	200	ug/Kg
86-74-8	Carbazole	53	U	53	96.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.8	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	96.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW7	SDG No.:	BM100724
Lab Sample ID:	P4109-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BM047897.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	96.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	49.8	200	ug/Kg
218-01-9	Chrysene	53	U	53	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	96.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.287		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	10.772		20-120		27	SPK: -40
4165-62-2	Phenol-d5	14.284		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.802		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.061		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.666		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	15.61		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.961		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.25		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.411		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.701		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.325		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.68		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	18.167		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW7	SDG No.:	BM100724
Lab Sample ID:	P4109-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BM047897.D	1	9/24/2024 12:00:00 AM	10/7/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.029		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	17.541		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	19.385		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.628		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	297426	7.798				
1146-65-2	Naphthalene-d8	1220030	10.586				
15067-26-2	Acenaphthene-d10	758640	14.433				
1517-22-2	Phenanthrene-d10	1543985	17.168				
1719-03-5	Chrysene-d12	1426292	21.392				
1520-96-3	Perylene-d12	1618720	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	110	J			15.786	
000057-10-3	n-Hexadecanoic acid	170	J			18.063	
	(DEL) Alkane: Straight-Chain	21.068	J			21.068	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET9	SDG No.:	BM100724
Lab Sample ID:	P4109-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BM047898.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	16.4	170	ug/Kg
100-52-7	Benzaldehyde	190	U	190	200	820	ug/Kg
110-86-1	Pyridine	110	U	110	410	820	ug/Kg
108-95-2	Phenol	87	U	87	200	820	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	84	U	84	200	820	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	110	420	ug/Kg
95-48-7	2-Methylphenol	74	U	74	200	820	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	200	820	ug/Kg
98-86-2	Acetophenone	94	U	94	200	820	ug/Kg
106-44-5	4-Methylphenol	79	U	79	200	820	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	110	420	ug/Kg
67-72-1	Hexachloroethane	57	U	57	110	420	ug/Kg
98-95-3	Nitrobenzene	89	U	89	110	420	ug/Kg
78-59-1	Isophorone	84	U	84	110	420	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	110	420	ug/Kg
105-67-9	2,4-Dimethylphenol	69	U	69	110	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	94	U	94	110	420	ug/Kg
120-83-2	2,4-Dichlorophenol	97	U	97	110	420	ug/Kg
91-20-3	Naphthalene	84	U	84	110	420	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	110	820	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	110	420	ug/Kg
105-60-2	Caprolactam	300	U	300	200	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	110	420	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	110	420	ug/Kg
91-57-6	2-Methylnaphthalene	92	U	92	110	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	200	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	110	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	110	420	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET9	SDG No.:	BM100724
Lab Sample ID:	P4109-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BM047898.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	110	420	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	110	420	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	110	420	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	110	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	110	420	ug/Kg
208-96-8	Acenaphthylene	110	U	110	110	420	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	200	820	ug/Kg
83-32-9	Acenaphthene	100	U	100	110	420	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	200	820	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	200	820	ug/Kg
132-64-9	Dibenzofuran	110	U	110	110	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	67	U	67	110	420	ug/Kg
84-66-2	Diethylphthalate	150	U	150	110	420	ug/Kg
86-73-7	Fluorene	110	U	110	110	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	110	420	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	200	820	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	200	820	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	110	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	110	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	110	420	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	110	420	ug/Kg
1912-24-9	Atrazine	97	U	97	200	820	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	200	820	ug/Kg
85-01-8	Phenanthrene	110	U	110	110	420	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	110	420	ug/Kg
120-12-7	Anthracene	110	U	110	110	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	82	U	82	110	420	ug/Kg
86-74-8	Carbazole	110	U	110	200	820	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	110	420	ug/Kg
206-44-0	Fluoranthene	170	J	110	200	420	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET9	SDG No.:	BM100724
Lab Sample ID:	P4109-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BM047898.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	U	110	110	420	ug/Kg
85-68-7	Butylbenzylphthalate	79	U	79	110	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	200	820	ug/Kg
56-55-3	Benzo(a)anthracene	97	U	97	110	420	ug/Kg
218-01-9	Chrysene	110	U	110	110	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	110	420	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	200	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	100	110	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	110	420	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	110	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92	U	92	110	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92	U	92	110	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87	U	87	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92	U	92	110	420	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
17647-74-4	1,4-Dioxane-d8	0.766	*	15-120		10	SPK: -8
4165-62-2	Phenol-d5	4.889		10-130		12	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.123		10-150		10	SPK: -40
93951-73-6	2-Chlorophenol-d4	5.597	*	15-120		14	SPK: -40
190780-66-6	4-Methylphenol-d8	4.351		10-140		11	SPK: -40
4165-60-0	Nitrobenzene-d5	5.187		10-135		13	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.597		10-120		14	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.879		10-140		15	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.955		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.166		10-145		15	SPK: -40
93951-97-4	Acenaphthylene-d8	5.772	*	15-120		14	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.257	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	6.421	*	20-140		16	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4ET9	SDG No.:	BM100724
Lab Sample ID:	P4109-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.7
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
BM047898.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.446	*	10-130		6	SPK: -40
1719-06-8	Anthracene-d10	5.95		10-150		15	SPK: -40
1718-52-1	Pyrene-d10	5.388		10-130		13	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.645	*	10-140		9	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	322342	7.798				
1146-65-2	Naphthalene-d8	1299345	10.586				
15067-26-2	Acenaphthene-d10	810584	14.433				
1517-22-2	Phenanthrene-d10	1673424	17.168				
1719-03-5	Chrysene-d12	1572091	21.398				
1520-96-3	Perylene-d12	1779811	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW0	SDG No.:	BM100724
Lab Sample ID:	P4109-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BM047899.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

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	51.8	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	51.8	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.8	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.8	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	51.8	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.8	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW0	SDG No.:	BM100724
Lab Sample ID:	P4109-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BM047899.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	51.8	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	51.8	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	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.8	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.8	210	ug/Kg
86-73-7	Fluorene	55	U	55	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.8	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	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.8	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	54	U	54	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.8	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.8	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.8	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW0	SDG No.:	BM100724
Lab Sample ID:	P4109-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BM047899.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	51.8	210	ug/Kg
218-01-9	Chrysene	55	U	55	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.773		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	13.685		20-120		34	SPK: -40
4165-62-2	Phenol-d5	18.446		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.381		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.536		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	21.026		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.903		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.83		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.554		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.321		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.067		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.623		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.803		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	25.989		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW0	SDG No.:	BM100724
Lab Sample ID:	P4109-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.2
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
BM047899.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.7		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	24.909		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	27.876		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.974		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281797	7.798				
1146-65-2	Naphthalene-d8	1151104	10.586				
15067-26-2	Acenaphthene-d10	709550	14.433				
1517-22-2	Phenanthrene-d10	1423390	17.168				
1719-03-5	Chrysene-d12	1322580	21.397				
1520-96-3	Perylene-d12	1498666	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.786	
000057-10-3	n-Hexadecanoic acid	210	J			18.068	
	(DEL) Alkane: Straight-Chain	200	J			21.068	
E966796	Total Alkanes	200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW1	SDG No.:	BM100724
Lab Sample ID:	P4109-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.9
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
BM047900.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	16.5	170	ug/Kg
100-52-7	Benzaldehyde	190	U	190	210	820	ug/Kg
110-86-1	Pyridine	110	U	110	410	820	ug/Kg
108-95-2	Phenol	87	U	87	210	820	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	85	U	85	210	820	ug/Kg
95-57-8	2-Chlorophenol	70	U	70	110	420	ug/Kg
95-48-7	2-Methylphenol	75	U	75	210	820	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	210	820	ug/Kg
98-86-2	Acetophenone	95	U	95	210	820	ug/Kg
106-44-5	4-Methylphenol	80	U	80	210	820	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	110	420	ug/Kg
67-72-1	Hexachloroethane	57	U	57	110	420	ug/Kg
98-95-3	Nitrobenzene	90	U	90	110	420	ug/Kg
78-59-1	Isophorone	85	U	85	110	420	ug/Kg
88-75-5	2-Nitrophenol	80	U	80	110	420	ug/Kg
105-67-9	2,4-Dimethylphenol	70	U	70	110	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	95	U	95	110	420	ug/Kg
120-83-2	2,4-Dichlorophenol	97	U	97	110	420	ug/Kg
91-20-3	Naphthalene	85	U	85	110	420	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	110	820	ug/Kg
87-68-3	Hexachlorobutadiene	85	U	85	110	420	ug/Kg
105-60-2	Caprolactam	300	U	300	210	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	70	U	70	110	420	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	110	420	ug/Kg
91-57-6	2-Methylnaphthalene	92	U	92	110	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	210	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	110	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	110	420	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW1	SDG No.:	BM100724
Lab Sample ID:	P4109-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.9
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
BM047900.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	110	420	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	110	420	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	110	420	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	110	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	110	420	ug/Kg
208-96-8	Acenaphthylene	110	U	110	110	420	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	210	820	ug/Kg
83-32-9	Acenaphthene	100	U	100	110	420	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	210	820	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	210	820	ug/Kg
132-64-9	Dibenzofuran	110	U	110	110	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	67	U	67	110	420	ug/Kg
84-66-2	Diethylphthalate	150	U	150	110	420	ug/Kg
86-73-7	Fluorene	110	U	110	110	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	110	420	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	210	820	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	210	820	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	110	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	110	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	110	420	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	110	420	ug/Kg
1912-24-9	Atrazine	97	U	97	210	820	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	210	820	ug/Kg
85-01-8	Phenanthrene	180	J	110	110	420	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	110	420	ug/Kg
120-12-7	Anthracene	110	U	110	110	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	82	U	82	110	420	ug/Kg
86-74-8	Carbazole	110	U	110	210	820	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	110	420	ug/Kg
206-44-0	Fluoranthene	400	J	110	210	420	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW1	SDG No.:	BM100724
Lab Sample ID:	P4109-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.9
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
BM047900.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	230	J	110	110	420	ug/Kg
85-68-7	Butylbenzylphthalate	80	U	80	110	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	210	820	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	97	110	420	ug/Kg
218-01-9	Chrysene	210	J	110	110	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	110	420	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	210	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	270	J	100	110	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	110	420	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	110	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92	U	92	110	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92	U	92	110	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87	U	87	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92	U	92	110	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.05	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.585	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	5.677		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.095		10-150		13	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.745		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	5.101		10-140		13	SPK: -40
4165-60-0	Nitrobenzene-d5	6.376		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.87		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.961		10-140		17	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.196		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.966		10-145		17	SPK: -40
93951-97-4	Acenaphthylene-d8	6.849		15-120		17	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.692	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	7.365	*	20-140		18	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EW1	SDG No.:	BM100724
Lab Sample ID:	P4109-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.9
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
BM047900.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.671	*	10-130		7	SPK: -40
1719-06-8	Anthracene-d10	6.796		10-150		17	SPK: -40
1718-52-1	Pyrene-d10	6.312		10-130		16	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.072		10-140		10	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	306733	7.798				
1146-65-2	Naphthalene-d8	1238520	10.586				
15067-26-2	Acenaphthene-d10	752565	14.433				
1517-22-2	Phenanthrene-d10	1524865	17.168				
1719-03-5	Chrysene-d12	1415914	21.391				
1520-96-3	Perylene-d12	1606799	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	21.068	430	J		21.068	
	(DEL) Alkane: Straight-Chain	22.156	1000	J		22.156	
000638-66-4	Octadecanal	370	J			23.121	
007390-81-0	Oxirane, hexadecyl-	1600	J			24.891	
	(DEL) Alkane: Straight-Chain	25.456	450	J		25.456	
	(DEL) Alkane: Cyclic	25.574	510	J		25.574	
022725-63-9	Triacontanal	770	J			27.421	
E966796	Total Alkanes	2400				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SLCS651	SDG No.:	BM100724
Lab Sample ID:	PB163651BS	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
BM047901.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	240		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	670		75	82.5	330	ug/Kg
110-86-1	Pyridine	590		43	170	330	ug/Kg
108-95-2	Phenol	700		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	670		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	780		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	730		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	530		27	82.5	330	ug/Kg
98-86-2	Acetophenone	700		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	730		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	650		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	730		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	660		36	42.5	170	ug/Kg
78-59-1	Isophorone	700		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	880		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	610		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	700		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	830		39	42.5	170	ug/Kg
91-20-3	Naphthalene	750		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	620		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	800		34	42.5	170	ug/Kg
105-60-2	Caprolactam	820		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	810		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	770		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	790		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	540		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	850		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	840		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SLCS651	SDG No.:	BM100724
Lab Sample ID:	PB163651BS	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
BM047901.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	750		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	760		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	690		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	770		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	880		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	770		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	830		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	730		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	730		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	700		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	750		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	860		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	770		60	42.5	170	ug/Kg
86-73-7	Fluorene	720		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	750		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	910		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	760		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	760		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	820		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	830		50	42.5	170	ug/Kg
1912-24-9	Atrazine	620		39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	810		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	750		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	730		51	42.5	170	ug/Kg
120-12-7	Anthracene	740		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	760		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	830		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	840		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SLCS651	SDG No.:	BM100724
Lab Sample ID:	PB163651BS	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
BM047901.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	800		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	970		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	810		39	42.5	170	ug/Kg
218-01-9	Chrysene	780		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	880		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	790		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	750		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	770		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	770		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	870		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.785		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	18.64		20-120		47	SPK: -40
4165-62-2	Phenol-d5	21.948		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.377		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.09		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	22.76		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	25.078		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.204		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.465		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.087		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.033		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.243		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.888		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	24.141		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SLCS651	SDG No.:	BM100724
Lab Sample ID:	PB163651BS	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
BM047901.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.126		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	23.474		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	26.029		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.032		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	331036	7.798				
1146-65-2	Naphthalene-d8	1358860	10.592				
15067-26-2	Acenaphthene-d10	842934	14.433				
1517-22-2	Phenanthrene-d10	1658432	17.168				
1719-03-5	Chrysene-d12	1492193	21.397				
1520-96-3	Perylene-d12	1710602	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BM100724
Lab Sample ID:	PB163648BL	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
BM047903.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BM100724
Lab Sample ID:	PB163648BL	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
BM047903.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BM100724
Lab Sample ID:	PB163648BL	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
BM047903.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

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	3.867		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	19.317		20-120		48	SPK: -40
4165-62-2	Phenol-d5	21.256		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.474		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.952		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.347		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.934		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.61		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.106		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.527		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.046		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.545		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.833		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	24.779		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	SBLK648	SDG No.:	BM100724
Lab Sample ID:	PB163648BL	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
BM047903.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163648

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.233		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	23.99		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	25.724		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.068		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	304615	7.793				
1146-65-2	Naphthalene-d8	1224626	10.587				
15067-26-2	Acenaphthene-d10	752769	14.428				
1517-22-2	Phenanthrene-d10	1524528	17.169				
1719-03-5	Chrysene-d12	1397593	21.392				
1520-96-3	Perylene-d12	1581742	24.392				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EY2	SDG No.:	BM100724
Lab Sample ID:	P4131-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34
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
BM047904.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

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	42	U	42	64.4	260	ug/Kg
95-48-7	2-Methylphenol	45	U	45	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	48	U	48	130	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	130	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	130	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:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EY2	SDG No.:	BM100724
Lab Sample ID:	P4131-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34
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
BM047904.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

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	130	500	ug/Kg
83-32-9	Acenaphthene	62	U	62	64.4	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	64.4	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	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	64.4	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	130	500	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	130	500	ug/Kg
85-01-8	Phenanthrene	230	J	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	130	500	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	64.4	260	ug/Kg
206-44-0	Fluoranthene	320		67	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EY2	SDG No.:	BM100724
Lab Sample ID:	P4131-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34
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
BM047904.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260		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	130	500	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	59	64.4	260	ug/Kg
218-01-9	Chrysene	130	J	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	130	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	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	120	J	64	64.4	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	58	J	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	73	J	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	2.308		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	10.451		20-120		26	SPK: -40
4165-62-2	Phenol-d5	13.818		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.602		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.764		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	14.881		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	15.107		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.776		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.059		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.814		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.858		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	16.715		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.753		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	17.513		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	9/19/2024 12:00:00 AM
Project:		Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	A4EY2	SDG No.:	BM100724
Lab Sample ID:	P4131-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34
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
BM047904.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.854		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	17.214		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.743		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.503		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	315817	7.798				
1146-65-2	Naphthalene-d8	1277386	10.587				
15067-26-2	Acenaphthene-d10	785870	14.427				
1517-22-2	Phenanthrene-d10	1583284	17.168				
1719-03-5	Chrysene-d12	1496025	21.392				
1520-96-3	Perylene-d12	1684444	24.392				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	370	J			15.786	
000057-10-3	n-Hexadecanoic acid	220	J			18.063	
	(DEL) Alkane: Straight-Chain	21.068	J			21.068	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EW9	SDG No.:	BM100724
Lab Sample ID:	P4131-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30	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
BM047905.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	11.4	120	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	59	U	59	140	570	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	73.4	290	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	55	U	55	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	50	U	50	73.4	290	ug/Kg
67-72-1	Hexachloroethane	40	U	40	73.4	290	ug/Kg
98-95-3	Nitrobenzene	62	U	62	73.4	290	ug/Kg
78-59-1	Isophorone	59	U	59	73.4	290	ug/Kg
88-75-5	2-Nitrophenol	55	U	55	73.4	290	ug/Kg
105-67-9	2,4-Dimethylphenol	48	U	48	73.4	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	73.4	290	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	67	73.4	290	ug/Kg
91-20-3	Naphthalene	59	U	59	73.4	290	ug/Kg
106-47-8	4-Chloroaniline	74	U	74	73.4	570	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	73.4	290	ug/Kg
105-60-2	Caprolactam	210	U	210	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	73.4	290	ug/Kg
90-12-0	1-Methylnaphthalene	71	U	71	73.4	290	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	64	73.4	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74	U	74	73.4	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73	U	73	73.4	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EW9	SDG No.:	BM100724
Lab Sample ID:	P4131-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
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
BM047905.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	83	U	83	73.4	290	ug/Kg
91-58-7	2-Chloronaphthalene	78	U	78	73.4	290	ug/Kg
88-74-4	2-Nitroaniline	38	U	38	73.4	290	ug/Kg
131-11-3	Dimethylphthalate	73	U	73	73.4	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	36	U	36	73.4	290	ug/Kg
208-96-8	Acenaphthylene	74	U	74	73.4	290	ug/Kg
99-09-2	3-Nitroaniline	35	U	35	140	570	ug/Kg
83-32-9	Acenaphthene	71	U	71	73.4	290	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	79	U	79	73.4	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	73.4	290	ug/Kg
84-66-2	Diethylphthalate	100	U	100	73.4	290	ug/Kg
86-73-7	Fluorene	78	U	78	73.4	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	81	U	81	73.4	290	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	73.4	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	88	U	88	73.4	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78	U	78	73.4	290	ug/Kg
118-74-1	Hexachlorobenzene	86	U	86	73.4	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	76	U	76	73.4	290	ug/Kg
608-93-5	Pentachlorobenzene	88	U	88	73.4	290	ug/Kg
120-12-7	Anthracene	74	U	74	73.4	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	73.4	290	ug/Kg
86-74-8	Carbazole	78	U	78	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	73	U	73	73.4	290	ug/Kg
206-44-0	Fluoranthene	76	U	76	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EW9	SDG No.:	BM100724
Lab Sample ID:	P4131-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30	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
BM047905.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	76	U	76	73.4	290	ug/Kg
85-68-7	Butylbenzylphthalate	55	U	55	73.4	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40	U	40	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	67	U	67	73.4	290	ug/Kg
218-01-9	Chrysene	78	U	78	73.4	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	76	U	76	73.4	290	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	73	U	73	73.4	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	78	73.4	290	ug/Kg
50-32-8	Benzo(a)pyrene	73	U	73	73.4	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	U	64	73.4	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	U	64	73.4	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	73.4	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	73.4	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.862		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	8.319		20-120		21	SPK: -40
4165-62-2	Phenol-d5	10.812		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.222		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.444		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.966		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	12.238		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.058		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.656		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.194		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.811		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.583		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.01		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	14.538		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EW9	SDG No.:	BM100724
Lab Sample ID:	P4131-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
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
BM047905.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.999		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	14.163		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	16.071		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.373		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	361721	7.798				
1146-65-2	Naphthalene-d8	1450401	10.586				
15067-26-2	Acenaphthene-d10	899705	14.433				
1517-22-2	Phenanthrene-d10	1841674	17.168				
1719-03-5	Chrysene-d12	1688655	21.392				
1520-96-3	Perylene-d12	1919364	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	270	J			15.786	
	(DEL) Alkane: Cyclic	21.068	J			21.068	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX0	SDG No.:	BM100724
Lab Sample ID:	P4131-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BM047906.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93.5	370	ug/Kg
110-86-1	Pyridine	49	U	49	190	370	ug/Kg
108-95-2	Phenol	40	U	40	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.2	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.5	370	ug/Kg
98-86-2	Acetophenone	43	U	43	93.5	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.2	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.2	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.2	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.2	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.2	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX0	SDG No.:	BM100724
Lab Sample ID:	P4131-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BM047906.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.2	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93.5	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	93.5	370	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.2	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.2	190	ug/Kg
86-73-7	Fluorene	51	U	51	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.2	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.5	370	ug/Kg
85-01-8	Phenanthrene	50	U	50	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.2	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	48.2	190	ug/Kg
86-74-8	Carbazole	51	U	51	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.2	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	93.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX0	SDG No.:	BM100724
Lab Sample ID:	P4131-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BM047906.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.2	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.974		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	10.44		20-120		26	SPK: -40
4165-62-2	Phenol-d5	12.894		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.946		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.678		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	13.95		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	14.633		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.896		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.614		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.135		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.652		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.493		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.631		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	16.082		20-140		40	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX0	SDG No.:	BM100724
Lab Sample ID:	P4131-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BM047906.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.459		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	15.309		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	16.906		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.506		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	389637	7.798				
1146-65-2	Naphthalene-d8	1584869	10.586				
15067-26-2	Acenaphthene-d10	977463	14.433				
1517-22-2	Phenanthrene-d10	2000148	17.168				
1719-03-5	Chrysene-d12	1876240	21.398				
1520-96-3	Perylene-d12	2169592	24.397				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	300	J			15.786	
000057-10-3	n-Hexadecanoic acid	100	J			18.063	
	(DEL) Alkane: Cyclic	82	J			21.068	
E966796	Total Alkanes	82				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX3	SDG No.:	BM100724
Lab Sample ID:	P4131-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.2
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
BM047907.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	14.4	150	ug/Kg
100-52-7	Benzaldehyde	160	U	160	180	720	ug/Kg
110-86-1	Pyridine	94	U	94	360	720	ug/Kg
108-95-2	Phenol	76	U	76	180	720	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	74	U	74	180	720	ug/Kg
95-57-8	2-Chlorophenol	61	U	61	92.5	370	ug/Kg
95-48-7	2-Methylphenol	65	U	65	180	720	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	59	180	720	ug/Kg
98-86-2	Acetophenone	83	U	83	180	720	ug/Kg
106-44-5	4-Methylphenol	70	U	70	180	720	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	92.5	370	ug/Kg
67-72-1	Hexachloroethane	50	U	50	92.5	370	ug/Kg
98-95-3	Nitrobenzene	78	U	78	92.5	370	ug/Kg
78-59-1	Isophorone	74	U	74	92.5	370	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	92.5	370	ug/Kg
105-67-9	2,4-Dimethylphenol	61	U	61	92.5	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	83	U	83	92.5	370	ug/Kg
120-83-2	2,4-Dichlorophenol	85	U	85	92.5	370	ug/Kg
91-20-3	Naphthalene	74	U	74	92.5	370	ug/Kg
106-47-8	4-Chloroaniline	94	U	94	92.5	720	ug/Kg
87-68-3	Hexachlorobutadiene	74	U	74	92.5	370	ug/Kg
105-60-2	Caprolactam	260	U	260	180	720	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	92.5	370	ug/Kg
90-12-0	1-Methylnaphthalene	89	U	89	92.5	370	ug/Kg
91-57-6	2-Methylnaphthalene	81	U	81	92.5	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	180	720	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94	U	94	92.5	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	91	U	91	92.5	370	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX3	SDG No.:	BM100724
Lab Sample ID:	P4131-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.2
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
BM047907.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	100	U	100	92.5	370	ug/Kg
91-58-7	2-Chloronaphthalene	98	U	98	92.5	370	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	92.5	370	ug/Kg
131-11-3	Dimethylphthalate	91	U	91	92.5	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	46	U	46	92.5	370	ug/Kg
208-96-8	Acenaphthylene	94	U	94	92.5	370	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	180	720	ug/Kg
83-32-9	Acenaphthene	89	U	89	92.5	370	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	180	720	ug/Kg
100-02-7	4-Nitrophenol	89	U	89	180	720	ug/Kg
132-64-9	Dibenzofuran	100	U	100	92.5	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	92.5	370	ug/Kg
84-66-2	Diethylphthalate	130	U	130	92.5	370	ug/Kg
86-73-7	Fluorene	98	U	98	92.5	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	92.5	370	ug/Kg
100-01-6	4-Nitroaniline	91	U	91	180	720	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	35	U	35	180	720	ug/Kg
86-30-6	N-Nitrosodiphenylamine	91	U	91	92.5	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	92.5	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98	U	98	92.5	370	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	92.5	370	ug/Kg
1912-24-9	Atrazine	85	U	85	180	720	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	180	720	ug/Kg
85-01-8	Phenanthrene	170	J	96	92.5	370	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	92.5	370	ug/Kg
120-12-7	Anthracene	94	U	94	92.5	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	72	U	72	92.5	370	ug/Kg
86-74-8	Carbazole	98	U	98	180	720	ug/Kg
84-74-2	Di-n-butylphthalate	91	U	91	92.5	370	ug/Kg
206-44-0	Fluoranthene	410		96	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX3	SDG No.:	BM100724
Lab Sample ID:	P4131-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.2
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
BM047907.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	220	J	96	92.5	370	ug/Kg
85-68-7	Butylbenzylphthalate	70	U	70	92.5	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	50	U	50	180	720	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	85	92.5	370	ug/Kg
218-01-9	Chrysene	200	J	98	92.5	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	92.5	370	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	180	720	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	J	91	92.5	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	98	U	98	92.5	370	ug/Kg
50-32-8	Benzo(a)pyrene	91	U	91	92.5	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81	U	81	92.5	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	92.5	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	76	U	76	92.5	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81	U	81	92.5	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.299		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	0.561	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	6.999		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.79		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.792		15-120		22	SPK: -40
190780-66-6	4-Methylphenol-d8	4.907		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	8.596		10-135		21	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.578		10-120		24	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.014		10-140		23	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.646		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.17		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	9.01		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.744		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	9.696		20-140		24	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX3	SDG No.:	BM100724
Lab Sample ID:	P4131-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.2
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
BM047907.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.271		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	9.102		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	7.902		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.167		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	337814	7.798				
1146-65-2	Naphthalene-d8	1365429	10.586				
15067-26-2	Acenaphthene-d10	842044	14.427				
1517-22-2	Phenanthrene-d10	1689359	17.168				
1719-03-5	Chrysene-d12	1567975	21.392				
1520-96-3	Perylene-d12	1759776	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	300	J			15.786	
000057-10-3	n-Hexadecanoic acid	210	J			18.063	
E966796	Total Alkanes	100	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX4	SDG No.:	BM100724
Lab Sample ID:	P4131-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38
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
BM047908.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	10.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	130	530	ug/Kg
110-86-1	Pyridine	69	U	69	270	530	ug/Kg
108-95-2	Phenol	56	U	56	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	68.5	270	ug/Kg
95-48-7	2-Methylphenol	48	U	48	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	68.5	270	ug/Kg
67-72-1	Hexachloroethane	37	U	37	68.5	270	ug/Kg
98-95-3	Nitrobenzene	58	U	58	68.5	270	ug/Kg
78-59-1	Isophorone	55	U	55	68.5	270	ug/Kg
88-75-5	2-Nitrophenol	52	U	52	68.5	270	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	68.5	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	68.5	270	ug/Kg
120-83-2	2,4-Dichlorophenol	63	U	63	68.5	270	ug/Kg
91-20-3	Naphthalene	55	U	55	68.5	270	ug/Kg
106-47-8	4-Chloroaniline	69	U	69	68.5	530	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	68.5	270	ug/Kg
105-60-2	Caprolactam	190	U	190	130	530	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	68.5	270	ug/Kg
90-12-0	1-Methylnaphthalene	66	U	66	68.5	270	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	60	68.5	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	130	530	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	68.5	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	68	U	68	68.5	270	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX4	SDG No.:	BM100724
Lab Sample ID:	P4131-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38
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
BM047908.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	77	U	77	68.5	270	ug/Kg
91-58-7	2-Chloronaphthalene	73	U	73	68.5	270	ug/Kg
88-74-4	2-Nitroaniline	35	U	35	68.5	270	ug/Kg
131-11-3	Dimethylphthalate	68	U	68	68.5	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	34	U	34	68.5	270	ug/Kg
208-96-8	Acenaphthylene	69	U	69	68.5	270	ug/Kg
99-09-2	3-Nitroaniline	32	U	32	130	530	ug/Kg
83-32-9	Acenaphthene	66	U	66	68.5	270	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	68.5	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	68.5	270	ug/Kg
84-66-2	Diethylphthalate	97	U	97	68.5	270	ug/Kg
86-73-7	Fluorene	73	U	73	68.5	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	76	U	76	68.5	270	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	68.5	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	82	U	82	68.5	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	73	U	73	68.5	270	ug/Kg
118-74-1	Hexachlorobenzene	81	U	81	68.5	270	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	68.5	270	ug/Kg
608-93-5	Pentachlorobenzene	82	U	82	68.5	270	ug/Kg
120-12-7	Anthracene	69	U	69	68.5	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	68.5	270	ug/Kg
86-74-8	Carbazole	73	U	73	130	530	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	68.5	270	ug/Kg
206-44-0	Fluoranthene	71	U	71	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX4	SDG No.:	BM100724
Lab Sample ID:	P4131-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38
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
BM047908.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	71	U	71	68.5	270	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	68.5	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	37	U	37	130	530	ug/Kg
56-55-3	Benzo(a)anthracene	63	U	63	68.5	270	ug/Kg
218-01-9	Chrysene	73	U	73	68.5	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	71	U	71	68.5	270	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	68.5	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	73	U	73	68.5	270	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	68.5	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60	U	60	68.5	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	68.5	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	68.5	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	68.5	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.178		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	10.248		20-120		26	SPK: -40
4165-62-2	Phenol-d5	12.211		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.415		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.127		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	13.922		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	15.376		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.203		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.317		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.532		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.877		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	16.755		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.272		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	17.757		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX4	SDG No.:	BM100724
Lab Sample ID:	P4131-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38
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
BM047908.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.009		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	17.148		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	19.182		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.742		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	337353	7.798				
1146-65-2	Naphthalene-d8	1375924	10.586				
15067-26-2	Acenaphthene-d10	860016	14.427				
1517-22-2	Phenanthrene-d10	1745896	17.168				
1719-03-5	Chrysene-d12	1634185	21.391				
1520-96-3	Perylene-d12	1851036	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	300	J			15.786	
000057-10-3	n-Hexadecanoic acid	120	J			18.062	
	(DEL) Alkane: Straight-Chain	150	J			21.068	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX5	SDG No.:	BM100724
Lab Sample ID:	P4131-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047909.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

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

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX5	SDG No.:	BM100724
Lab Sample ID:	P4131-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047909.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.7	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.4	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.4	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.4	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.7	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	50.7	200	ug/Kg
86-73-7	Fluorene	54	U	54	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.7	200	ug/Kg
1912-24-9	Atrazine	47	U	47	98.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.4	390	ug/Kg
85-01-8	Phenanthrene	53	U	53	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.7	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.7	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.7	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	98.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX5	SDG No.:	BM100724
Lab Sample ID:	P4131-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047909.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	98.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	50.7	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	98.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.642		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	12.41		20-120		31	SPK: -40
4165-62-2	Phenol-d5	14.935		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.945		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.483		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.1		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	17.874		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.601		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.588		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.19		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.901		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.687		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.005		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	19.592		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX5	SDG No.:	BM100724
Lab Sample ID:	P4131-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047909.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.695		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	18.855		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	21.117		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.256		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	317166	7.793				
1146-65-2	Naphthalene-d8	1274421	10.586				
15067-26-2	Acenaphthene-d10	794047	14.427				
1517-22-2	Phenanthrene-d10	1608762	17.168				
1719-03-5	Chrysene-d12	1473058	21.392				
1520-96-3	Perylene-d12	1670080	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	370	J			15.786	
000057-10-3	n-Hexadecanoic acid	88	J			18.063	
1000406-04-8	Pentadecafluorooctanoic acid, octa	83	J			21.068	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX9	SDG No.:	BM100724
Lab Sample ID:	P4131-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.7
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
BM047910.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

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	94	U	94	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.4	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	48	U	48	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	53.4	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.4	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53.4	210	ug/Kg
78-59-1	Isophorone	43	U	43	53.4	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.4	210	ug/Kg
91-20-3	Naphthalene	43	U	43	53.4	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.4	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	53.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX9	SDG No.:	BM100724
Lab Sample ID:	P4131-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.7
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
BM047910.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	53.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	53.4	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.4	210	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	53.4	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.4	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	52	U	52	53.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	100	410	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.4	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	53.4	210	ug/Kg
86-73-7	Fluorene	57	U	57	53.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.4	210	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	53.4	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.4	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	55	U	55	53.4	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.4	210	ug/Kg
120-12-7	Anthracene	54	U	54	53.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	53.4	210	ug/Kg
86-74-8	Carbazole	57	U	57	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.4	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX9	SDG No.:	BM100724
Lab Sample ID:	P4131-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.7
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
BM047910.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	53.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.4	210	ug/Kg
218-01-9	Chrysene	57	U	57	53.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	53.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	53.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	53.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	53.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	53.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	53.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	53.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.95		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	8.013		20-120		20	SPK: -40
4165-62-2	Phenol-d5	11.633		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.981		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.246		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	12.535		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	13.08		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.48		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.004		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.668		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.337		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	14.083		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.012		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	14.734		20-140		37	SPK: -40

Report of Analysis

Client:		Date Collected:	9/20/2024 12:00:00 AM
Project:		Date Received:	9/20/2024 12:00:00 AM
Client Sample ID:	A4EX9	SDG No.:	BM100724
Lab Sample ID:	P4131-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.7
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
BM047910.D	1	9/24/2024 12:00:00 AM	10/8/2024 12:00:00 AM	PB163651

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.255		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	13.974		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	15.682		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.035		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	326005	7.792				
1146-65-2	Naphthalene-d8	1328551	10.586				
15067-26-2	Acenaphthene-d10	818459	14.427				
1517-22-2	Phenanthrene-d10	1659058	17.168				
1719-03-5	Chrysene-d12	1522427	21.392				
1520-96-3	Perylene-d12	1728908	24.391				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	250	J			15.786	
E966796	Total Alkanes	60	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4EK2								
P4083-07	A4EK2	Solid	Benzophenone	*	330.000	J		
P4083-07	A4EK2	Solid	Total Alkanes	*	0.000	91	320	ug/Kg
			Total Tics :		330.00			
P4083-07	A4EK2	Solid	Acetophenone		150.000	J 72	630	ug/Kg
P4083-07	A4EK2	Solid	Benzo(b)fluoranthene		110.000	J 80	320	ug/Kg
P4083-07	A4EK2	Solid	Fluoranthene		160.000	J 84	320	ug/Kg
P4083-07	A4EK2	Solid	Pyrene		95.000	J 84	320	ug/Kg
			Total Svoc :		515.00			
			Total Concentration:		845.00			
Client ID : A4EK3								
P4083-08	A4EK3	Solid	(DEL) Alkane: Straight-Chain22.1 *		190.000	J		
P4083-08	A4EK3	Solid	Benzophenone	*	340.000	J		
P4083-08	A4EK3	Solid	n-Hexadecanoic acid	*	180.000	J		
P4083-08	A4EK3	Solid	Total Alkanes	*	190.000	91	320	ug/Kg
			Total Tics :		900.00			
P4083-08	A4EK3	Solid	Acetophenone		180.000	J 72	630	ug/Kg
P4083-08	A4EK3	Solid	Benzo(a)anthracene		220.000	J 74	320	ug/Kg
P4083-08	A4EK3	Solid	Benzo(a)pyrene		90.000	J 80	320	ug/Kg
P4083-08	A4EK3	Solid	Benzo(b)fluoranthene		320.000	J 80	320	ug/Kg
P4083-08	A4EK3	Solid	Benzo(k)fluoranthene		120.000	J 86	320	ug/Kg
P4083-08	A4EK3	Solid	Bis(2-ethylhexyl)phthalate		230.000	J 84	320	ug/Kg
P4083-08	A4EK3	Solid	Chrysene		260.000	J 86	320	ug/Kg
P4083-08	A4EK3	Solid	Fluoranthene		520.000	J 84	320	ug/Kg
P4083-08	A4EK3	Solid	Indeno(1,2,3-cd)pyrene		76.000	J 70	320	ug/Kg
P4083-08	A4EK3	Solid	Phenanthrene		260.000	J 84	320	ug/Kg
P4083-08	A4EK3	Solid	Pyrene		290.000	J 84	320	ug/Kg
			Total Svoc :		2,566.00			
			Total Concentration:		3,466.00			
Client ID : A4EG9								
P4083-16	A4EG9	Solid	(DEL) Alkane: Straight-Chain21.(*		110.000	J		
P4083-16	A4EG9	Solid	Benzophenone	*	300.000	J		
P4083-16	A4EG9	Solid	n-Hexadecanoic acid	*	180.000	J		
P4083-16	A4EG9	Solid	Total Alkanes	*	110.000	77	270	ug/Kg
			Total Tics :		700.00			
P4083-16	A4EG9	Solid	Acetophenone		120.000	J 61	530	ug/Kg
P4083-16	A4EG9	Solid	Benzo(a)anthracene		340.000	J 63	270	ug/Kg
P4083-16	A4EG9	Solid	Benzo(a)pyrene		150.000	J 68	270	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4083-16	A4EG9	Solid	Benzo(b)fluoranthene	520.000		68	270	ug/Kg
P4083-16	A4EG9	Solid	Benzo(k)fluoranthene	170.000	J	72	270	ug/Kg
P4083-16	A4EG9	Solid	Bis(2-ethylhexyl)phthalate	290.000		71	270	ug/Kg
P4083-16	A4EG9	Solid	Chrysene	400.000		72	270	ug/Kg
P4083-16	A4EG9	Solid	Dibenzo(a,h)anthracene	63.000	J	60	270	ug/Kg
P4083-16	A4EG9	Solid	Fluoranthene	780.000		71	270	ug/Kg
P4083-16	A4EG9	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	60	270	ug/Kg
P4083-16	A4EG9	Solid	Phenanthrene	330.000		71	270	ug/Kg
P4083-16	A4EG9	Solid	Pyrene	440.000		71	270	ug/Kg

Total Svoc : 3,723.00

Total Concentration: 4,423.00

Client ID : A4EH2

P4083-19	A4EH2	Solid	(DEL) Alkane: Straight-Chain21.(*	100.000	J			
P4083-19	A4EH2	Solid	4H-Cyclopenta[def]phenanthrene *	110.000	J			
P4083-19	A4EH2	Solid	Benzophenone *	250.000	J			
P4083-19	A4EH2	Solid	n-Hexadecanoic acid *	170.000	J			
P4083-19	A4EH2	Solid	Total Alkanes *	100.000		72	250	ug/Kg

Total Tics : 730.00

P4083-19	A4EH2	Solid	Acetophenone	83.000	J	57	490	ug/Kg
P4083-19	A4EH2	Solid	Anthracene	66.000	J	64	250	ug/Kg
P4083-19	A4EH2	Solid	Benzo(a)anthracene	310.000		58	250	ug/Kg
P4083-19	A4EH2	Solid	Benzo(a)pyrene	130.000	J	63	250	ug/Kg
P4083-19	A4EH2	Solid	Benzo(b)fluoranthene	470.000		63	250	ug/Kg
P4083-19	A4EH2	Solid	Benzo(k)fluoranthene	160.000	J	67	250	ug/Kg
P4083-19	A4EH2	Solid	Bis(2-ethylhexyl)phthalate	250.000		66	250	ug/Kg
P4083-19	A4EH2	Solid	Chrysene	350.000		67	250	ug/Kg
P4083-19	A4EH2	Solid	Fluoranthene	740.000		66	250	ug/Kg
P4083-19	A4EH2	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	55	250	ug/Kg
P4083-19	A4EH2	Solid	Phenanthrene	360.000		66	250	ug/Kg
P4083-19	A4EH2	Solid	Pyrene	410.000		66	250	ug/Kg

Total Svoc : 3,439.00

Total Concentration: 4,169.00

Client ID : A4EH5

P4109-02	A4EH5	Solid	(DEL) Alkane: Straight-Chain21.(*	550.000	J			
P4109-02	A4EH5	Solid	(DEL) Alkane: Straight-Chain21.(*	230.000	J			
P4109-02	A4EH5	Solid	1,1-Biphenyl, 2,3,3-trichloro- *	130.000	J			
P4109-02	A4EH5	Solid	Benzophenone *	360.000	J			
P4109-02	A4EH5	Solid	n-Hexadecanoic acid *	400.000	J			
P4109-02	A4EH5	Solid	unknown-01 *	310.000	J			

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SDG No.: BM100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4109-02	A4EH5	Solid	unknown-02	*	380.000	J		
P4109-02	A4EH5	Solid	Total Alkanes	*	780.000	86	310	ug/Kg
			Total Tics :		3,140.00			
P4109-02	A4EH5	Solid	Benzo(a)anthracene		82.000	J 70	310	ug/Kg
P4109-02	A4EH5	Solid	Benzo(a)pyrene		79.000	J 76	310	ug/Kg
P4109-02	A4EH5	Solid	Benzo(b)fluoranthene		120.000	J 76	310	ug/Kg
P4109-02	A4EH5	Solid	Chrysene		94.000	J 81	310	ug/Kg
P4109-02	A4EH5	Solid	Fluoranthene		180.000	J 79	310	ug/Kg
P4109-02	A4EH5	Solid	Phenanthrene		88.000	J 79	310	ug/Kg
P4109-02	A4EH5	Solid	Pyrene		160.000	J 79	310	ug/Kg
			Total Svoc :		803.00			
			Total Concentration:		3,943.00			
Client ID : A4EH8								
P4109-05	A4EH8	Solid	Benzophenone	*	200.000	J		
P4109-05	A4EH8	Solid	n-Hexadecanoic acid	*	180.000	J		
P4109-05	A4EH8	Solid	Pentadecafluorooctanoic acid, oct	*	100.000	J		
P4109-05	A4EH8	Solid	Total Alkanes	*	0.000	58	210	ug/Kg
			Total Tics :		480.00			
			Total Concentration:		480.00			
Client ID : A4EJ9								
P4109-07	A4EJ9	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P4109-07	A4EJ9	Solid	4H-Cyclopenta[def]phenanthrene	*	220.000	J		
P4109-07	A4EJ9	Solid	Benzophenone	*	170.000	J		
P4109-07	A4EJ9	Solid	n-Hexadecanoic acid	*	230.000	J		
P4109-07	A4EJ9	Solid	Total Alkanes	*	0.000	98	350	ug/Kg
			Total Tics :		760.00			
P4109-07	A4EJ9	Solid	Acenaphthene		110.000	J 83	350	ug/Kg
P4109-07	A4EJ9	Solid	Acetophenone		120.000	J 77	670	ug/Kg
P4109-07	A4EJ9	Solid	Anthracene		180.000	J 87	350	ug/Kg
P4109-07	A4EJ9	Solid	Benzo(a)anthracene		450.000	79	350	ug/Kg
P4109-07	A4EJ9	Solid	Benzo(a)pyrene		180.000	J 85	350	ug/Kg
P4109-07	A4EJ9	Solid	Benzo(b)fluoranthene		500.000	85	350	ug/Kg
P4109-07	A4EJ9	Solid	Benzo(k)fluoranthene		190.000	J 91	350	ug/Kg
P4109-07	A4EJ9	Solid	Carbazole		110.000	J 91	670	ug/Kg
P4109-07	A4EJ9	Solid	Chrysene		440.000	91	350	ug/Kg
P4109-07	A4EJ9	Solid	Fluoranthene		1,200.000	89	350	ug/Kg
P4109-07	A4EJ9	Solid	Fluorene		100.000	J 91	350	ug/Kg
P4109-07	A4EJ9	Solid	Indeno(1,2,3-cd)pyrene		120.000	J 75	350	ug/Kg
P4109-07	A4EJ9	Solid	Naphthalene		77.000	J 69	350	ug/Kg
P4109-07	A4EJ9	Solid	Phenanthrene		1,000.000	89	350	ug/Kg

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SDG No.: BM100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4109-07	A4EJ9	Solid	Pyrene	700.000		89	350	ug/Kg
Total Svoc :				5,477.00				
Total Concentration:				6,237.00				
Client ID : A4EK0								
P4109-08	A4EK0	Solid	(DEL) Alkane: Straight-Chain21.(*	340.000	J			
P4109-08	A4EK0	Solid	Benzophenone *	270.000	J			
P4109-08	A4EK0	Solid	n-Hexadecanoic acid *	480.000	J			
P4109-08	A4EK0	Solid	Total Alkanes *	340.000		87	310	ug/Kg
Total Tics :				1,430.00				
P4109-08	A4EK0	Solid	Fluoranthene	110.000	J	80	310	ug/Kg
P4109-08	A4EK0	Solid	Pyrene	91.000	J	80	310	ug/Kg
Total Svoc :				201.00				
Total Concentration:				1,631.00				
Client ID : A4E64								
P4109-13	A4E64	Solid	1,1-Biphenyl, 2-methyl- *	97.000	J			
P4109-13	A4E64	Solid	2,6,6-Trimethyl-2-cyclohexene-1, *	170.000	J			
P4109-13	A4E64	Solid	8-Octadecenoic acid, methyl ester *	99.000	J			
P4109-13	A4E64	Solid	9,10-Anthracenedione *	190.000	J			
P4109-13	A4E64	Solid	Benzene, 1,4-dichloro- *	620.000	J			
P4109-13	A4E64	Solid	n-Hexadecanoic acid *	580.000	J			
P4109-13	A4E64	Solid	Pentadecanoic acid, 14-methyl-, n *	140.000	J			
P4109-13	A4E64	Solid	Triacontan-15-ol *	280.000	J			
P4109-13	A4E64	Solid	Tridecanoic acid, methyl ester *	110.000	J			
P4109-13	A4E64	Solid	Undecanoic acid, methyl ester *	130.000	J			
P4109-13	A4E64	Solid	Total Alkanes *	0.000		48	170	ug/Kg
Total Tics :				2,416.00				
P4109-13	A4E64	Solid	2,4,5-Trichlorophenol	1,700.000		42	170	ug/Kg
P4109-13	A4E64	Solid	2,4,6-Trichlorophenol	7,400.000	E	43	170	ug/Kg
P4109-13	A4E64	Solid	2,4-Dichlorophenol	4,300.000	E	39	170	ug/Kg
P4109-13	A4E64	Solid	2,4-Dinitrotoluene	6,500.000	E	27	170	ug/Kg
P4109-13	A4E64	Solid	2,6-Dinitrotoluene	10,000.000	E	21	170	ug/Kg
P4109-13	A4E64	Solid	2-Chlorophenol	3,100.000	E	28	170	ug/Kg
P4109-13	A4E64	Solid	2-Methylnaphthalene	2,100.000		37	170	ug/Kg
P4109-13	A4E64	Solid	2-Nitrophenol	1,900.000		32	170	ug/Kg
P4109-13	A4E64	Solid	4-Bromophenyl-phenylether	1,700.000		45	170	ug/Kg
P4109-13	A4E64	Solid	4-Chloro-3-methylphenol	1,700.000		28	170	ug/Kg
P4109-13	A4E64	Solid	4-Chlorophenyl-phenylether	1,900.000		47	170	ug/Kg
P4109-13	A4E64	Solid	4-Nitrophenol	3,100.000		41	330	ug/Kg
P4109-13	A4E64	Solid	Acenaphthene	4,100.000	E	41	170	ug/Kg
P4109-13	A4E64	Solid	Acenaphthylene	770.000		43	170	ug/Kg

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SDG No.: BM100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4109-13	A4E64	Solid	Anthracene	1,600.000		43	170	ug/Kg
P4109-13	A4E64	Solid	Benzo(a)anthracene	4,700.000	E	39	170	ug/Kg
P4109-13	A4E64	Solid	Benzo(a)pyrene	1,400.000		42	170	ug/Kg
P4109-13	A4E64	Solid	Benzo(b)fluoranthene	5,800.000	E	42	170	ug/Kg
P4109-13	A4E64	Solid	Benzo(g,h,i)perylene	1,100.000		35	170	ug/Kg
P4109-13	A4E64	Solid	Bis(2-Chloroethoxy)methane	6,300.000	E	38	170	ug/Kg
P4109-13	A4E64	Solid	Bis(2-Chloroethyl)ether	6,100.000	E	34	330	ug/Kg
P4109-13	A4E64	Solid	Bis(2-ethylhexyl)phthalate	7,300.000	E	44	170	ug/Kg
P4109-13	A4E64	Solid	Butylbenzylphthalate	2,100.000		32	170	ug/Kg
P4109-13	A4E64	Solid	Chrysene	6,200.000	E	45	170	ug/Kg
P4109-13	A4E64	Solid	Di-n-butylphthalate	5,700.000	E	42	170	ug/Kg
P4109-13	A4E64	Solid	Dibenzo(a,h)anthracene	3,000.000	E	37	170	ug/Kg
P4109-13	A4E64	Solid	Fluoranthene	5,800.000	E	44	170	ug/Kg
P4109-13	A4E64	Solid	Fluorene	5,400.000	E	45	170	ug/Kg
P4109-13	A4E64	Solid	Hexachlorobenzene	8,100.000	E	50	170	ug/Kg
P4109-13	A4E64	Solid	Hexachlorobutadiene	5,100.000	E	34	170	ug/Kg
P4109-13	A4E64	Solid	Hexachloroethane	4,100.000	E	23	170	ug/Kg
P4109-13	A4E64	Solid	Indeno(1,2,3-cd)pyrene	1,200.000		37	170	ug/Kg
P4109-13	A4E64	Solid	Isophorone	5,600.000	E	34	170	ug/Kg
P4109-13	A4E64	Solid	N-Nitroso-di-n-propylamine	6,000.000	E	29	170	ug/Kg
P4109-13	A4E64	Solid	Nitrobenzene	1,200.000		36	170	ug/Kg
P4109-13	A4E64	Solid	Pentachlorophenol	8,200.000	E	87	330	ug/Kg
P4109-13	A4E64	Solid	Phenanthrene	1,600.000		44	170	ug/Kg
P4109-13	A4E64	Solid	Phenol	1,100.000		35	330	ug/Kg
P4109-13	A4E64	Solid	Pyrene	2,600.000		44	170	ug/Kg

Total Svoc : 157,570.00

Total Concentration: 159,986.00

Client ID : A4E64DL

P4109-13DL	A4E64DL	Solid	Benzene, 1,3-dichloro-	*	7,500.000	JD		
P4109-13DL	A4E64DL	Solid	Total Alkanes	*	0.000	D	240	850 ug/Kg
Total Tics :					7,500.00			
P4109-13DL	A4E64DL	Solid	2,4,5-Trichlorophenol		1,600.000	D	210	850 ug/Kg
P4109-13DL	A4E64DL	Solid	2,4,6-Trichlorophenol		7,400.000	D	210	850 ug/Kg
P4109-13DL	A4E64DL	Solid	2,4-Dichlorophenol		4,200.000	D	190	850 ug/Kg
P4109-13DL	A4E64DL	Solid	2,4-Dinitrotoluene		6,200.000	D	130	850 ug/Kg
P4109-13DL	A4E64DL	Solid	2,6-Dinitrotoluene		9,600.000	D	100	850 ug/Kg
P4109-13DL	A4E64DL	Solid	2-Chlorophenol		3,100.000	D	140	850 ug/Kg
P4109-13DL	A4E64DL	Solid	2-Methylnaphthalene		2,100.000	D	180	850 ug/Kg
P4109-13DL	A4E64DL	Solid	2-Nitrophenol		1,700.000	D	160	850 ug/Kg
P4109-13DL	A4E64DL	Solid	4-Bromophenyl-phenylether		1,600.000	D	220	850 ug/Kg

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SDG No.: BM100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4109-13DL	A4E64DL	Solid	4-Chloro-3-methylphenol	1,600.000	D	140	850	ug/Kg
P4109-13DL	A4E64DL	Solid	4-Chlorophenyl-phenylether	2,100.000	D	230	850	ug/Kg
P4109-13DL	A4E64DL	Solid	4-Nitrophenol	2,900.000	D	200	1600	ug/Kg
P4109-13DL	A4E64DL	Solid	Acenaphthene	4,300.000	D	200	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Acenaphthylene	740.000	JD	210	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Anthracene	1,600.000	D	210	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Benzo(a)anthracene	4,800.000	D	190	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Benzo(a)pyrene	1,400.000	D	210	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Benzo(b)fluoranthene	6,400.000	D	210	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Benzo(g,h,i)perylene	1,000.000	D	170	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Bis(2-Chloroethoxy)methane	6,300.000	D	190	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Bis(2-Chloroethyl)ether	6,100.000	D	170	1600	ug/Kg
P4109-13DL	A4E64DL	Solid	Bis(2-ethylhexyl)phthalate	7,600.000	D	220	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Butylbenzylphthalate	1,800.000	D	160	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Chrysene	7,200.000	D	220	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Di-n-butylphthalate	6,500.000	D	210	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Dibenzo(a,h)anthracene	2,900.000	D	180	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Fluoranthene	6,100.000	D	220	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Fluorene	6,400.000	D	220	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Hexachlorobenzene	8,700.000	D	250	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Hexachlorobutadiene	5,300.000	D	170	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Hexachloroethane	4,100.000	D	110	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Indeno(1,2,3-cd)pyrene	1,200.000	D	180	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Isophorone	5,700.000	D	170	850	ug/Kg
P4109-13DL	A4E64DL	Solid	N-Nitroso-di-n-propylamine	6,100.000	D	140	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Nitrobenzene	1,100.000	D	180	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Pentachlorophenol	8,100.000	D	430	1600	ug/Kg
P4109-13DL	A4E64DL	Solid	Phenanthrene	1,600.000	D	220	850	ug/Kg
P4109-13DL	A4E64DL	Solid	Phenol	1,100.000	JD	170	1600	ug/Kg
P4109-13DL	A4E64DL	Solid	Pyrene	2,500.000	D	220	850	ug/Kg

Total Svoc : 160,740.00

Total Concentration: 168,240.00

Client ID : A4ET8

P4109-16	A4ET8	Solid	Benzophenone	*	170.000	J		
P4109-16	A4ET8	Solid	n-Hexadecanoic acid	*	170.000	J		
P4109-16	A4ET8	Solid	Total Alkanes	*	0.000	73	260	ug/Kg

Total Tics : 340.00

Total Concentration: 340.00

Client ID : A4ET9



Client:

Client ID : A4EW7

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SDG No.: BM100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4109-22	A4EW7	Solid	(DEL) Alkane: Straight-Chain21.(	*	130.000	J		
P4109-22	A4EW7	Solid	Benzophenone	*	110.000	J		
P4109-22	A4EW7	Solid	n-Hexadecanoic acid	*	170.000	J		
P4109-22	A4EW7	Solid	Total Alkanes	*	130.000	56	200	ug/Kg
Total Tics :					540.00			
Total Concentration:					540.00			
Client ID : A4EY2								
P4131-02	A4EY2	Solid	(DEL) Alkane: Straight-Chain21.(	*	140.000	J		
P4131-02	A4EY2	Solid	Benzophenone	*	370.000	J		
P4131-02	A4EY2	Solid	n-Hexadecanoic acid	*	220.000	J		
P4131-02	A4EY2	Solid	Total Alkanes	*	140.000	73	260	ug/Kg
Total Tics :					870.00			
P4131-02	A4EY2	Solid	Benzo(a)anthracene		130.000	J 59	260	ug/Kg
P4131-02	A4EY2	Solid	Benzo(a)pyrene		120.000	J 64	260	ug/Kg
P4131-02	A4EY2	Solid	Benzo(b)fluoranthene		160.000	J 64	260	ug/Kg
P4131-02	A4EY2	Solid	Benzo(g,h,i)perylene		73.000	J 53	260	ug/Kg
P4131-02	A4EY2	Solid	Chrysene		130.000	J 68	260	ug/Kg
P4131-02	A4EY2	Solid	Fluoranthene		320.000	67	260	ug/Kg
P4131-02	A4EY2	Solid	Indeno(1,2,3-cd)pyrene		58.000	J 56	260	ug/Kg
P4131-02	A4EY2	Solid	Phenanthrene		230.000	J 67	260	ug/Kg
P4131-02	A4EY2	Solid	Pyrene		260.000	67	260	ug/Kg
Total Svoc :					1,481.00			
Total Concentration:					2,351.00			
Client ID : A4EW9								
P4131-08	A4EW9	Solid	(DEL) Alkane: Cyclic21.068	*	150.000	J		
P4131-08	A4EW9	Solid	Benzophenone	*	270.000	J		
P4131-08	A4EW9	Solid	Total Alkanes	*	150.000	83	290	ug/Kg
Total Tics :					570.00			
Total Concentration:					570.00			
Client ID : A4EX0								
P4131-09	A4EX0	Solid	(DEL) Alkane: Cyclic21.068	*	82.000	J		
P4131-09	A4EX0	Solid	Benzophenone	*	300.000	J		
P4131-09	A4EX0	Solid	n-Hexadecanoic acid	*	100.000	J		
P4131-09	A4EX0	Solid	Total Alkanes	*	82.000	54	190	ug/Kg
Total Tics :					564.00			
Total Concentration:					564.00			
Client ID : A4EX3								
P4131-10	A4EX3	Solid	Benzophenone	*	300.000	J		
P4131-10	A4EX3	Solid	n-Hexadecanoic acid	*	210.000	J		

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SDG No.: BM100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4131-10	A4EX3	Solid	Total Alkanes	*	0.000	100	370	ug/Kg
			Total Tics :			510.00		
P4131-10	A4EX3	Solid	Benzo(a)anthracene		170.000	J 85	370	ug/Kg
P4131-10	A4EX3	Solid	Benzo(b)fluoranthene		260.000	J 91	370	ug/Kg
P4131-10	A4EX3	Solid	Chrysene		200.000	J 98	370	ug/Kg
P4131-10	A4EX3	Solid	Fluoranthene		410.000	96	370	ug/Kg
P4131-10	A4EX3	Solid	Phenanthrene		170.000	J 96	370	ug/Kg
P4131-10	A4EX3	Solid	Pyrene		220.000	J 96	370	ug/Kg
			Total Svoc :			1,430.00		
			Total Concentration:			1,940.00		
Client ID : A4EX4								
P4131-11	A4EX4	Solid	(DEL) Alkane: Straight-Chain21.(	*	150.000	J		
P4131-11	A4EX4	Solid	Benzophenone	*	300.000	J		
P4131-11	A4EX4	Solid	n-Hexadecanoic acid	*	120.000	J		
P4131-11	A4EX4	Solid	Total Alkanes	*	150.000	77	270	ug/Kg
			Total Tics :			720.00		
			Total Concentration:			720.00		
Client ID : A4EX5								
P4131-12	A4EX5	Solid	Benzophenone	*	370.000	J		
P4131-12	A4EX5	Solid	n-Hexadecanoic acid	*	88.000	J		
P4131-12	A4EX5	Solid	Pentadecafluorooctanoic acid, oct:	*	83.000	J		
P4131-12	A4EX5	Solid	Total Alkanes	*	0.000	57	200	ug/Kg
			Total Tics :			541.00		
			Total Concentration:			541.00		
Client ID : A4EX9								
P4131-14	A4EX9	Solid	Benzophenone	*	250.000	J		
P4131-14	A4EX9	Solid	Total Alkanes	*	0.000	60	210	ug/Kg
			Total Tics :			250.00		
			Total Concentration:			250.00		
Client ID : A4E67								
P4131-21	A4E67	Solid	1,1-Biphenyl, 2-methyl-	*	73.000	J		
P4131-21	A4E67	Solid	10,18-Bisnorabieta-8,11,13-triene	*	67.000	J		
P4131-21	A4E67	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	*	130.000	J		
P4131-21	A4E67	Solid	9,10-Anthracenedione	*	120.000	J		
P4131-21	A4E67	Solid	Benzene, 1,2-dichloro-	*	6,700.000	J		
P4131-21	A4E67	Solid	Benzophenone	*	430.000	J		
P4131-21	A4E67	Solid	n-Hexadecanoic acid	*	160.000	J		
P4131-21	A4E67	Solid	Pentadecanoic acid, 14-methyl-, n	*	72.000	J		
P4131-21	A4E67	Solid	Total Alkanes	*	0.000	48	170	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	7,752.00				
P4131-21	A4E67	Solid	2,4,5-Trichlorophenol	1,200.000		42	170	ug/Kg
P4131-21	A4E67	Solid	2,4,6-Trichlorophenol	5,300.000	E	43	170	ug/Kg
P4131-21	A4E67	Solid	2,4-Dichlorophenol	3,200.000	E	39	170	ug/Kg
P4131-21	A4E67	Solid	2,4-Dinitrotoluene	4,700.000	E	27	170	ug/Kg
P4131-21	A4E67	Solid	2,6-Dinitrotoluene	7,300.000	E	21	170	ug/Kg
P4131-21	A4E67	Solid	2-Chlorophenol	2,500.000		28	170	ug/Kg
P4131-21	A4E67	Solid	2-Methylnaphthalene	1,600.000		37	170	ug/Kg
P4131-21	A4E67	Solid	2-Nitrophenol	1,400.000		32	170	ug/Kg
P4131-21	A4E67	Solid	4-Bromophenyl-phenylether	1,200.000		45	170	ug/Kg
P4131-21	A4E67	Solid	4-Chloro-3-methylphenol	1,200.000		28	170	ug/Kg
P4131-21	A4E67	Solid	4-Chlorophenyl-phenylether	1,400.000		47	170	ug/Kg
P4131-21	A4E67	Solid	4-Nitrophenol	2,000.000		41	330	ug/Kg
P4131-21	A4E67	Solid	Acenaphthene	3,100.000	E	41	170	ug/Kg
P4131-21	A4E67	Solid	Acenaphthylene	570.000		43	170	ug/Kg
P4131-21	A4E67	Solid	Anthracene	1,100.000		43	170	ug/Kg
P4131-21	A4E67	Solid	Benzo(a)anthracene	3,300.000	E	39	170	ug/Kg
P4131-21	A4E67	Solid	Benzo(a)pyrene	990.000		42	170	ug/Kg
P4131-21	A4E67	Solid	Benzo(b)fluoranthene	4,300.000	E	42	170	ug/Kg
P4131-21	A4E67	Solid	Benzo(g,h,i)perylene	720.000		35	170	ug/Kg
P4131-21	A4E67	Solid	Bis(2-Chloroethoxy)methane	4,800.000	E	38	170	ug/Kg
P4131-21	A4E67	Solid	Bis(2-Chloroethyl)ether	4,700.000		34	330	ug/Kg
P4131-21	A4E67	Solid	Bis(2-ethylhexyl)phthalate	5,200.000	E	44	170	ug/Kg
P4131-21	A4E67	Solid	Butylbenzylphthalate	1,300.000		32	170	ug/Kg
P4131-21	A4E67	Solid	Chrysene	4,700.000	E	45	170	ug/Kg
P4131-21	A4E67	Solid	Di-n-butylphthalate	4,300.000	E	42	170	ug/Kg
P4131-21	A4E67	Solid	Dibenzo(a,h)anthracene	2,000.000		37	170	ug/Kg
P4131-21	A4E67	Solid	Fluoranthene	4,300.000	E	44	170	ug/Kg
P4131-21	A4E67	Solid	Fluorene	4,300.000	E	45	170	ug/Kg
P4131-21	A4E67	Solid	Hexachlorobenzene	6,000.000	E	50	170	ug/Kg
P4131-21	A4E67	Solid	Hexachlorobutadiene	3,900.000	E	34	170	ug/Kg
P4131-21	A4E67	Solid	Hexachloroethane	3,200.000	E	23	170	ug/Kg
P4131-21	A4E67	Solid	Indeno(1,2,3-cd)pyrene	800.000		37	170	ug/Kg
P4131-21	A4E67	Solid	Isophorone	4,300.000	E	34	170	ug/Kg
P4131-21	A4E67	Solid	N-Nitroso-di-n-propylamine	4,600.000	E	29	170	ug/Kg
P4131-21	A4E67	Solid	Nitrobenzene	940.000		36	170	ug/Kg
P4131-21	A4E67	Solid	Pentachlorophenol	5,800.000	E	87	330	ug/Kg
P4131-21	A4E67	Solid	Phenanthrene	1,200.000		44	170	ug/Kg
P4131-21	A4E67	Solid	Phenol	860.000		35	330	ug/Kg
P4131-21	A4E67	Solid	Pyrene	1,800.000		44	170	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	116,080.00				
			Total Concentration:	123,832.00				
Client ID :	A4E67DL							
P4131-21DL	A4E67DL	Solid	Benzene, 1,2-dichloro-	*	6,000.000	JD		
P4131-21DL	A4E67DL	Solid	Benzophenone	*	420.000	JD		
P4131-21DL	A4E67DL	Solid	Total Alkanes	*	0.000	D 240	850	ug/Kg
			Total Tics :	6,420.00				
P4131-21DL	A4E67DL	Solid	2,4,5-Trichlorophenol		1,200.000	D 210	850	ug/Kg
P4131-21DL	A4E67DL	Solid	2,4,6-Trichlorophenol		5,300.000	D 210	850	ug/Kg
P4131-21DL	A4E67DL	Solid	2,4-Dichlorophenol		3,100.000	D 190	850	ug/Kg
P4131-21DL	A4E67DL	Solid	2,4-Dinitrotoluene		4,300.000	D 130	850	ug/Kg
P4131-21DL	A4E67DL	Solid	2,6-Dinitrotoluene		6,800.000	D 100	850	ug/Kg
P4131-21DL	A4E67DL	Solid	2-Chlorophenol		2,400.000	D 140	850	ug/Kg
P4131-21DL	A4E67DL	Solid	2-Methylnaphthalene		1,600.000	D 180	850	ug/Kg
P4131-21DL	A4E67DL	Solid	2-Nitrophenol		1,300.000	D 160	850	ug/Kg
P4131-21DL	A4E67DL	Solid	4-Bromophenyl-phenylether		1,100.000	D 220	850	ug/Kg
P4131-21DL	A4E67DL	Solid	4-Chloro-3-methylphenol		1,100.000	D 140	850	ug/Kg
P4131-21DL	A4E67DL	Solid	4-Chlorophenyl-phenylether		1,600.000	D 230	850	ug/Kg
P4131-21DL	A4E67DL	Solid	4-Nitrophenol		1,600.000	D 200	1600	ug/Kg
P4131-21DL	A4E67DL	Solid	Acenaphthene		3,200.000	D 200	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Acenaphthylene		550.000	JD 210	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Anthracene		1,100.000	D 210	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Benzo(a)anthracene		3,400.000	D 190	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Benzo(a)pyrene		970.000	D 210	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Benzo(b)fluoranthene		4,500.000	D 210	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Benzo(g,h,i)perylene		700.000	JD 170	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Bis(2-Chloroethoxy)methane		4,800.000	D 190	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Bis(2-Chloroethyl)ether		4,800.000	D 170	1600	ug/Kg
P4131-21DL	A4E67DL	Solid	Bis(2-ethylhexyl)phthalate		4,900.000	D 220	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Butylbenzylphthalate		1,100.000	D 160	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Chrysene		5,000.000	D 220	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Di-n-butylphthalate		4,400.000	D 210	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Dibenzo(a,h)anthracene		2,000.000	D 180	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Fluoranthene		4,300.000	D 220	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Fluorene		4,700.000	D 220	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Hexachlorobenzene		6,300.000	D 250	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Hexachlorobutadiene		4,000.000	D 170	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Hexachloroethane		3,200.000	D 110	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Indeno(1,2,3-cd)pyrene		770.000	JD 180	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Isophorone		4,300.000	D 170	850	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM100724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4131-21DL	A4E67DL	Solid	N-Nitroso-di-n-propylamine	4,700.000	D	140	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Nitrobenzene	890.000	D	180	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Pentachlorophenol	5,700.000	D	430	1600	ug/Kg
P4131-21DL	A4E67DL	Solid	Phenanthrene	1,200.000	D	220	850	ug/Kg
P4131-21DL	A4E67DL	Solid	Phenol	860.000	JD	170	1600	ug/Kg
P4131-21DL	A4E67DL	Solid	Pyrene	1,800.000	D	220	850	ug/Kg
Total Svoc :				115,540.00				
Total Concentration:				121,960.00				



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



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM

Case No.: BM092724

SAS No.: BM092724

SDG No.: BM092724

Instrument ID: _____

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

Calibration Time(s): 18:16 _____

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

LAB FILE ID:		RRFAL1 = BM047679.D			RRFAL2 = BM047680.D		RRFAL3 = BM047681.D	
		RRFAL4 = BM047682.D			RRFAL5 = BM047683.D		RRFAL6 = BM047684.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.757	1.800	1.872	1.985	2.042	1.891	6.4
Bis-(2-Chloroethyl)ether-d8		1.366	1.339	1.339	1.360	1.305	1.342	1.8
2-Chlorophenol-d4	1.153	1.367	1.403	1.446	1.510		1.376	9.9
4-Methylphenol-d8		1.277	1.323	1.427	1.498	1.506	1.406	7.3
Nitrobenzene-d5	0.127	0.161	0.161	0.169	0.178		0.159	12.3
2-Nitrophenol-d4	0.115	0.145	0.148	0.169	0.187		0.153	17.8
2,4-Dichlorophenol-d3	0.243	0.309	0.308	0.323	0.341		0.305	12.1
4-Chloroaniline-d4		0.456	0.455	0.474	0.499	0.473	0.471	3.8
4-Methylphenol		1.494	1.481	1.594	1.666	1.649	1.577	5.4
Dimethylphthalate-d6	1.296	1.500	1.447	1.482	1.525		1.450	6.2
Acenaphthylene-d8	1.440	1.765	1.733	1.812	1.847		1.719	9.4
4-Nitrophenol-d4		0.238	0.267	0.298	0.322	0.319	0.289	12.5
Fluorene-d10	1.094	1.290	1.261	1.300	1.335		1.256	7.5
4,6-Dinitro-2-methylphenol-		0.092	0.103	0.121	0.134	0.135	0.117	16.2
Anthracene-d10	0.860	1.003	0.983	1.025	1.046		0.983	7.4
Pyrene-d10	0.983	1.161	1.119	1.181	1.232		1.135	8.3
Benzo(a)pyrene-d12	0.862	1.064	1.026	1.096	1.140		1.038	10.3
N-Nitroso-di-n-propylamine	1.034	1.260	1.284	1.385	1.409		1.274	11.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020022 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 10:39

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	SBLK648	263160	7.80	1.05327e	10.59	650810 *	14.43
02	A4E64	245894	7.80	991941	10.59	611644	14.43
03	A4E64DL	230941	7.80	938294	10.59	580067	14.43
04	A4E67	212391	7.80	859847	10.59	523601	14.43
05	A4E67DL	242137	7.80	986734	10.59	602686	14.43
06	A4EG9	230541	7.80	910051	10.59	561979	14.43
07	A4EH2	213994	7.80	857381	10.59	526818	14.43
08	SBLK651	256865	7.80	1.03679e	10.59	646832	14.43
09	A4EK2	170217	7.80	683644	10.59	420135	14.43
10	A4EK3	207306	7.80	832026	10.59	508165	14.43
11	A4EH5	270675	7.80	1.08505e	10.59	676960 *	14.43
12	A4EH8	295216 *	7.80	1.18338e *	10.59	741314 *	14.43
13	A4EJ9	311409 *	7.80	1.24327e *	10.59	759985 *	14.43
14	A4EK0	341446 *	7.80	1.39712e *	10.59	878497 *	14.43
15	A4ET8	313418 *	7.80	1.26564e *	10.59	796168 *	14.43
16	A4EW2	287518 *	7.80	1.17022e *	10.59	722462 *	14.43
17	A4EW7	297426 *	7.80	1.22003e *	10.59	758640 *	14.43
18	A4ET9	322342 *	7.80	1.29935e *	10.59	810584 *	14.43
19	A4EW0	281797 *	7.80	1.1511e+ *	10.59	709550 *	14.43
20	A4EW1	306733 *	7.80	1.23852e *	10.59	752565 *	14.43
21	SLCS651	331036 *	7.80	1.35886e *	10.59	842934 *	14.43
22	SBLK648	304615 *	7.79	1.22463e *	10.59	752769 *	14.43
23	A4EY2	315817 *	7.80	1.27739e *	10.59	785870 *	14.43

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020022 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 05:36

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 A4EW9	361721 *	7.80	1.4504e+ *	10.59	899705 *	14.43
25 A4EX0	389637 *	7.80	1.58487e *	10.59	977463 *	14.43
26 A4EX3	337814 *	7.80	1.36543e *	10.59	842044 *	14.43
27 A4EX4	337353 *	7.80	1.37592e *	10.59	860016 *	14.43
28 A4EX5	317166 *	7.79	1.27442e *	10.59	794047 *	14.43
29 A4EX9	326005 *	7.79	1.32855e *	10.59	818459 *	14.43

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020165 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047879.D Time Analyzed: 10:39

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	281605	7.798	1.15287e+01	10.59	711060	14.43
UPPER LIMIT	563210	8.298	2305740	11.092	1422120	14.933
LOWER LIMIT	140802.5	7.298	576435	10.092	355530	13.933
EPA SAMPLE NO.						
01 SBLK648	263160	7.80	1.05327e	10.59	650810	14.43
02 A4E64	245894	7.80	991941	10.59	611644	14.43
03 A4E64DL	230941	7.80	938294	10.59	580067	14.43
04 A4E67	212391	7.80	859847	10.59	523601	14.43
05 A4E67DL	242137	7.80	986734	10.59	602686	14.43
06 A4EG9	230541	7.80	910051	10.59	561979	14.43
07 A4EH2	213994	7.80	857381	10.59	526818	14.43

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020166 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047887.D Time Analyzed: 17:46

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	235251	7.798	953541	10.59	590668	14.43
UPPER LIMIT	470502	8.298	1907082	11.092	1181336	14.933
LOWER LIMIT	117625.5	7.298	476770.5	10.092	295334	13.933
EPA SAMPLE NO.						
01 SBLK651	256865	7.80	1.03679e	10.59	646832	14.43
02 A4EK2	170217	7.80	683644	10.59	420135	14.43
03 A4EK3	207306	7.80	832026	10.59	508165	14.43
04 A4EH5	270675	7.80	1.08505e	10.59	676960	14.43
05 A4EH8	295216	7.80	1.18338e	10.59	741314	14.43
06 A4EJ9	311409	7.80	1.24327e	10.59	759985	14.43
07 A4EK0	341446	7.80	1.39712e	10.59	878497	14.43
08 A4ET8	313418	7.80	1.26564e	10.59	796168	14.43
09 A4EW2	287518	7.80	1.17022e	10.59	722462	14.43
10 A4EW7	297426	7.80	1.22003e	10.59	758640	14.43
11 A4ET9	322342	7.80	1.29935e	10.59	810584	14.43
12 A4EW0	281797	7.80	1.1511e+	10.59	709550	14.43
13 A4EW1	306733	7.80	1.23852e	10.59	752565	14.43
14 SLCS651	331036	7.80	1.35886e	10.59	842934	14.43

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020167 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047902.D Time Analyzed: 04:17

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	300435	7.798	1.23151e+01	10.59	763048	14.43
UPPER LIMIT	600870	8.298	2463020	11.086	1526096	14.933
LOWER LIMIT	150217.5	7.298	615755	10.086	381524	13.933
EPA SAMPLE NO.						
01 SBLK648	304615	7.79	1.22463e	10.59	752769	14.43
02 A4EY2	315817	7.80	1.27739e	10.59	785870	14.43
03 A4EW9	361721	7.80	1.4504e+	10.59	899705	14.43
04 A4EX0	389637	7.80	1.58487e	10.59	977463	14.43
05 A4EX3	337814	7.80	1.36543e	10.59	842044	14.43
06 A4EX4	337353	7.80	1.37592e	10.59	860016	14.43
07 A4EX5	317166	7.79	1.27442e	10.59	794047	14.43
08 A4EX9	326005	7.79	1.32855e	10.59	818459	14.43

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020022 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 10:39

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	SBLK648	1.34662*	17.17	1.30188e+ *	21.40	1.50796e+ *	24.40
02	A4E64	1.2237e	17.17	1.04399e+	21.41	1.2878e+0 *	24.40
03	A4E64DL	1.20182	17.17	1.11118e+	21.40	1.25619e+	24.40
04	A4E67	1.04822	17.17	918735	21.40	1.09364e+	24.40
05	A4E67DL	1.23413	17.17	1.13568e+	21.40	1.25774e+	24.40
06	A4EG9	1.16323	17.17	1.10417e+	21.40	1.25835e+	24.40
07	A4EH2	1.08905	17.17	1.04875e+	21.40	1.17483e+	24.40
08	SBLK651	1.31682*	17.17	1.21935e+ *	21.40	1.3943e+0 *	24.40
09	A4EK2	867282	17.17	831462	21.40	934504	24.40
10	A4EK3	1.02431	17.17	964716	21.40	1.07315e+	24.40
11	A4EH5	1.41037*	17.17	1.31947e+ *	21.40	1.50725e+ *	24.40
12	A4EH8	1.52126*	17.17	1.41608e+ *	21.40	1.6122e+0 *	24.39
13	A4EJ9	1.55804*	17.17	1.47722e+ *	21.40	1.67029e+ *	24.40
14	A4EK0	1.7791e*	17.17	1.64129e+ *	21.40	1.89136e+ *	24.40
15	A4ET8	1.62356*	17.17	1.52546e+ *	21.40	1.73664e+ *	24.40
16	A4EW2	1.47289*	17.17	1.36861e+ *	21.40	1.54438e+ *	24.40
17	A4EW7	1.54399*	17.17	1.42629e+ *	21.39	1.61872e+ *	24.40
18	A4ET9	1.67342*	17.17	1.57209e+ *	21.40	1.77981e+ *	24.39
19	A4EW0	1.42339*	17.17	1.32258e+ *	21.40	1.49867e+ *	24.39
20	A4EW1	1.52487*	17.17	1.41591e+ *	21.39	1.6068e+0 *	24.39
21	SLCS651	1.65843*	17.17	1.49219e+ *	21.40	1.7106e+0 *	24.40

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020022 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 04:17

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	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 SBLK648	1.52453*	17.17	1.39759e+ *	21.39	1.58174e+ *	24.39
23 A4EY2	1.58328*	17.17	1.49603e+ *	21.39	1.68444e+ *	24.39
24 A4EW9	1.84167*	17.17	1.68866e+ *	21.39	1.91936e+ *	24.39
25 A4EX0	2.00015*	17.17	1.87624e+ *	21.40	2.16959e+ *	24.40
26 A4EX3	1.68936*	17.17	1.56798e+ *	21.39	1.75978e+ *	24.39
27 A4EX4	1.7459e*	17.17	1.63419e+ *	21.39	1.85104e+ *	24.39
28 A4EX5	1.60876*	17.17	1.47306e+ *	21.39	1.67008e+ *	24.39
29 A4EX9	1.65906*	17.17	1.52243e+ *	21.39	1.72891e+ *	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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020165 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047879.D Time Analyzed: 10:39

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	1.4253e+00	17.168	1.29835e+	21.397	1.47947e+00	24.397
UPPER LIMIT	2850600	17.668	2596700	21.897	2958940	24.897
LOWER LIMIT	712650	16.668	649175	20.897	739735	23.897
EPA SAMPLE NO.						
01 SBLK648	1.34662	17.17	1.30188e+	21.40	1.50796e+	24.40
02 A4E64	1.2237e	17.17	1.04399e+	21.41	1.2878e+0	24.40
03 A4E64DL	1.20182	17.17	1.11118e+	21.40	1.25619e+	24.40
04 A4E67	1.04822	17.17	918735	21.40	1.09364e+	24.40
05 A4E67DL	1.23413	17.17	1.13568e+	21.40	1.25774e+	24.40
06 A4EG9	1.16323	17.17	1.10417e+	21.40	1.25835e+	24.40
07 A4EH2	1.08905	17.17	1.04875e+	21.40	1.17483e+	24.40

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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020166 Date Analyzed: Oct 7 2024 12:00AM

Lab File ID: BM047887.D Time Analyzed: 17:46

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	1.19412e+01	17.168	1.12549e+	21.397	1.27266e+01	24.397
UPPER LIMIT	2388240	17.668	2250980	21.897	2545320	24.897
LOWER LIMIT	597060	16.668	562745	20.897	636330	23.897
EPA SAMPLE NO.						
01 SBLK651	1.31682	17.17	1.21935e+	21.40	1.3943e+0	24.40
02 A4EK2	867282	17.17	831462	21.40	934504	24.40
03 A4EK3	1.02431	17.17	964716	21.40	1.07315e+	24.40
04 A4EH5	1.41037	17.17	1.31947e+	21.40	1.50725e+	24.40
05 A4EH8	1.52126	17.17	1.41608e+	21.40	1.6122e+0	24.39
06 A4EJ9	1.55804	17.17	1.47722e+	21.40	1.67029e+	24.40
07 A4EK0	1.7791e	17.17	1.64129e+	21.40	1.89136e+	24.40
08 A4ET8	1.62356	17.17	1.52546e+	21.40	1.73664e+	24.40
09 A4EW2	1.47289	17.17	1.36861e+	21.40	1.54438e+	24.40
10 A4EW7	1.54399	17.17	1.42629e+	21.39	1.61872e+	24.40
11 A4ET9	1.67342	17.17	1.57209e+	21.40	1.77981e+	24.39
12 A4EW0	1.42339	17.17	1.32258e+	21.40	1.49867e+	24.39
13 A4EW1	1.52487	17.17	1.41591e+	21.39	1.6068e+0	24.39
14 SLCS651	1.65843	17.17	1.49219e+	21.40	1.7106e+0	24.40

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.: BM100724 SAS No.: BM100724 SDG NO.: BM100724

EPA Sample No.: SSTD020167 Date Analyzed: Oct 8 2024 12:00AM

Lab File ID: BM047902.D Time Analyzed: 04:17

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.50426e+01	17.168	1.36776e+	21.397	1.51502e+01	24.391
UPPER LIMIT	3008520	17.668	2735520	21.897	3030040	24.891
LOWER LIMIT	752130	16.668	683880	20.897	757510	23.891
EPA SAMPLE NO.						
01 SBLK648	1.52453	17.17	1.39759e+	21.39	1.58174e+	24.39
02 A4EY2	1.58328	17.17	1.49603e+	21.39	1.68444e+	24.39
03 A4EW9	1.84167	17.17	1.68866e+	21.39	1.91936e+	24.39
04 A4EX0	2.00015	17.17	1.87624e+	21.40	2.16959e+	24.40
05 A4EX3	1.68936	17.17	1.56798e+	21.39	1.75978e+	24.39
06 A4EX4	1.7459e	17.17	1.63419e+	21.39	1.85104e+	24.39
07 A4EX5	1.60876	17.17	1.47306e+	21.39	1.67008e+	24.39
08 A4EX9	1.65906	17.17	1.52243e+	21.39	1.72891e+	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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163651BS	1,4-Dioxane	530	240	ug/Kg	45				0	0		
	Benzaldehyde	1300	670	ug/Kg	52				0	0		
	Pyridine	1300	590	ug/Kg	45				0	0		
	Phenol	1300	700	ug/Kg	54				0	0		
	Bis(2-chloroethyl)ether	1300	670	ug/Kg	52				0	0		
	2-Chlorophenol	1300	780	ug/Kg	60				0	0		
	2-Methylphenol	1300	730	ug/Kg	56				0	0		
	2,2-oxybis(1-Chloropropane)	1300	530	ug/Kg	41				0	0		
	Acetophenone	1300	700	ug/Kg	54				0	0		
	4-Methylphenol	1300	730	ug/Kg	56				0	0		
	N-Nitroso-di-n-propylamine	1300	650	ug/Kg	50				0	0		
	Hexachloroethane	1300	730	ug/Kg	56				0	0		
	Nitrobenzene	1300	660	ug/Kg	51				0	0		
	Isophorone	1300	700	ug/Kg	54				0	0		
	2-Nitrophenol	1300	880	ug/Kg	68				0	0		
	2,4-Dimethylphenol	1300	610	ug/Kg	47				0	0		
	Bis(2-chloroethoxy)methane	1300	700	ug/Kg	54				0	0		
	2,4-Dichlorophenol	1300	830	ug/Kg	64				0	0		
	Naphthalene	1300	750	ug/Kg	58				0	0		
	4-Chloroaniline	1300	620	ug/Kg	48				0	0		
	Hexachlorobutadiene	1300	800	ug/Kg	62				0	0		
	Caprolactam	1300	820	ug/Kg	63				0	0		
	4-Chloro-3-methylphenol	1300	810	ug/Kg	62				0	0		
	1-Methylnaphthalene	1300	770	ug/Kg	59				0	0		
	2-Methylnaphthalene	1300	790	ug/Kg	61				0	0		
	Hexachlorocyclopentadiene	1300	540	ug/Kg	42				0	0		
	2,4,6-Trichlorophenol	1300	850	ug/Kg	65				0	0		
	2,4,5-Trichlorophenol	1300	840	ug/Kg	65				0	0		
	1,1'-Biphenyl	1300	750	ug/Kg	58				0	0		
	2-Chloronaphthalene	1300	760	ug/Kg	58				0	0		
	2-Nitroaniline	1300	690	ug/Kg	53				0	0		
	Dimethylphthalate	1300	770	ug/Kg	59				0	0		
	2,6-Dinitrotoluene	1300	880	ug/Kg	68				0	0		
	Acenaphthylene	1300	770	ug/Kg	59				0	0		
	3-Nitroaniline	1300	830	ug/Kg	64				0	0		
	Acenaphthene	1300	730	ug/Kg	56				0	0		
	2,4-Dinitrophenol	1300	730	ug/Kg	56				0	0		
	4-Nitrophenol	1300	700	ug/Kg	54				0	0		
	Dibenzofuran	1300	750	ug/Kg	58				0	0		
	2,4-Dinitrotoluene	1300	860	ug/Kg	66				0	0		
	Diethylphthalate	1300	770	ug/Kg	59				0	0		
	Fluorene	1300	720	ug/Kg	55				0	0		
	4-Chlorophenyl-phenylether	1300	750	ug/Kg	58				0	0		
	4-Nitroaniline	1300	910	ug/Kg	70				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163651BS	4,6-Dinitro-2-methylphenol	1300	750	ug/Kg	58				0	0	
	N-Nitrosodiphenylamine	1300	760	ug/Kg	58				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	760	ug/Kg	58				0	0	
	4-Bromophenyl-phenylether	1300	820	ug/Kg	63				0	0	
	Hexachlorobenzene	1300	830	ug/Kg	64				0	0	
	Atrazine	1300	620	ug/Kg	48				0	0	
	Pentachlorophenol	1300	810	ug/Kg	62				0	0	
	Phenanthrene	1300	750	ug/Kg	58				0	0	
	Pentachlorobenzene	1300	730	ug/Kg	56				0	0	
	Anthracene	1300	740	ug/Kg	57				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	740	ug/Kg	57				0	0	
	Carbazole	1300	760	ug/Kg	58				0	0	
	Di-n-butylphthalate	1300	830	ug/Kg	64				0	0	
	Fluoranthene	1300	840	ug/Kg	65				0	0	
	Pyrene	1300	800	ug/Kg	62				0	0	
	Butylbenzylphthalate	1300	970	ug/Kg	75				0	0	
	3,3'-Dichlorobenzidine	1300	860	ug/Kg	66				0	0	
	Benzo(a)anthracene	1300	810	ug/Kg	62				0	0	
	Chrysene	1300	780	ug/Kg	60				0	0	
	Bis(2-ethylhexyl)phthalate	1300	940	ug/Kg	72				0	0	
	Di-n-octylphthalate	1300	880	ug/Kg	68				0	0	
	Benzo(b)fluoranthene	1300	790	ug/Kg	61				0	0	
	Benzo(k)fluoranthene	1300	760	ug/Kg	58				0	0	
	Benzo(a)pyrene	1300	750	ug/Kg	58				0	0	
	Indeno(1,2,3-cd)pyrene	1300	770	ug/Kg	59				0	0	
	Dibenzo(a,h)anthracene	1300	770	ug/Kg	59				0	0	
	Benzo(g,h,i)perylene	1300	770	ug/Kg	59				0	0	
	2,3,4,6-Tetrachlorophenol	1300	870	ug/Kg	67				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4EK2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM100724

SAS No.: BM100724 SDG NO.: BM100724

Lab File ID: BM047889.D

Lab Sample ID: P4083-07

Instrument ID: BNA_M

Date Extracted: 09/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 18:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EK2	P4083-07	BM047889.D	10/07/2024
A4EK3	P4083-08	BM047890.D	10/07/2024
A4EG9	P4083-16	BM047885.D	10/07/2024
A4EH2	P4083-19	BM047886.D	10/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK648

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM100724

SAS No.: BM100724 SDG NO.: BM100724

Lab File ID: BM047880.D

Lab Sample ID: PB163648BL

Instrument ID: BNA_M

Date Extracted: 09/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 10:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EH5	P4109-02	BM047891.D	10/07/2024
A4EH8	P4109-05	BM047892.D	10/07/2024
A4EJ9	P4109-07	BM047893.D	10/07/2024
A4EK0	P4109-08	BM047894.D	10/07/2024
A4ET8	P4109-16	BM047895.D	10/07/2024
A4EW2	P4109-20	BM047896.D	10/07/2024
A4EW7	P4109-22	BM047897.D	10/07/2024
A4ET9	P4109-17	BM047898.D	10/08/2024
A4EW0	P4109-18	BM047899.D	10/08/2024
A4EW1	P4109-19	BM047900.D	10/08/2024
A4E64	P4109-13	BM047881.D	10/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK651

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM100724

SAS No.: BM100724 SDG NO.: BM100724

Lab File ID: BM047888.D

Lab Sample ID: PB163651BL

Instrument ID: BNA_M

Date Extracted: 09/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/07/2024

Level: (low/med) LOW

Time Analyzed: 17:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4E67	P4131-21	BM047883.D	10/07/2024
PB163651BS	PB163651BS	BM047901.D	10/08/2024
A4EY2	P4131-02	BM047904.D	10/08/2024
A4EW9	P4131-08	BM047905.D	10/08/2024
A4EX0	P4131-09	BM047906.D	10/08/2024
A4EX3	P4131-10	BM047907.D	10/08/2024
A4EX4	P4131-11	BM047908.D	10/08/2024
A4EX5	P4131-12	BM047909.D	10/08/2024
A4EX9	P4131-14	BM047910.D	10/08/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4083-07	A4EK2	BM047889.D	1,4-Dioxane-d8	8	0.72	9	*	15	120
			Pyridine-d5	40	0.92	2	*	20	120
			Phenol-d5	40	8.96	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.02	25		10	150
			2-Chlorophenol-d4	40	11.83	30		15	120
			4-Methylphenol-d8	40	7.99	20		10	140
			Nitrobenzene-d5	40	13.10	33		10	135
			2-Nitrophenol-d4	40	14.18	35		10	120
			2,4-Dichlorophenol-d3	40	12.69	32		10	140
			4-Chloroaniline-d4	40	9.16	23		1	145
			Dimethylphthalate-d6	40	14.45	36		10	145
			Acenaphthylene-d8	40	14.24	36		15	120
			4-Nitrophenol-d4	40	5.71	14		10	150
			Fluorene-d10	40	15.13	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.02	18		10	130
			Anthracene-d10	40	13.75	34		10	150
			Pyrene-d10	40	14.10	35		10	130
			Benzo(a)pyrene-d12	40	11.81	30		10	140
P4083-08	A4EK3	BM047890.D	1,4-Dioxane-d8	8	1.25	16		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	10.70	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.87	27		10	150
			2-Chlorophenol-d4	40	13.09	33		15	120
			4-Methylphenol-d8	40	7.86	20		10	140
			Nitrobenzene-d5	40	14.30	36		10	135
			2-Nitrophenol-d4	40	15.88	40		10	120
			2,4-Dichlorophenol-d3	40	14.54	36		10	140
			4-Chloroaniline-d4	40	6.80	17		1	145
			Dimethylphthalate-d6	40	15.57	39		10	145
			Acenaphthylene-d8	40	15.18	38		15	120
			4-Nitrophenol-d4	40	9.59	24		10	150
			Fluorene-d10	40	16.25	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.20	20		10	130
			Anthracene-d10	40	14.47	36		10	150
			Pyrene-d10	40	14.69	37		10	130
			Benzo(a)pyrene-d12	40	11.81	30		10	140
P4083-16	A4EG9	BM047885.D	1,4-Dioxane-d8	8	1.00	13	*	15	120
			Pyridine-d5	40	0.89	2	*	20	120
			Phenol-d5	40	6.03	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.02	15		10	150
			2-Chlorophenol-d4	40	7.44	19		15	120
			4-Methylphenol-d8	40	4.04	10		10	140
			Nitrobenzene-d5	40	7.96	20		10	135
			2-Nitrophenol-d4	40	8.22	21		10	120
			2,4-Dichlorophenol-d3	40	8.51	21		10	140
			4-Chloroaniline-d4	40	2.30	6		1	145
			Dimethylphthalate-d6	40	9.46	24		10	145
			Acenaphthylene-d8	40	9.09	23		15	120
			4-Nitrophenol-d4	40	4.18	10		10	150

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4083-16	A4EG9	BM047885.D	Fluorene-d10	40	10.08	25		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.33	11		10	130
			Anthracene-d10	40	9.24	23		10	150
			Pyrene-d10	40	8.38	21		10	130
			Benzo(a)pyrene-d12	40	5.41	14		10	140
P4083-19	A4EH2	BM047886.D	1,4-Dioxane-d8	8	1.06	13	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	9.25	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.85	22		10	150
			2-Chlorophenol-d4	40	11.15	28		15	120
			4-Methylphenol-d8	40	7.74	19		10	140
			Nitrobenzene-d5	40	11.60	29		10	135
			2-Nitrophenol-d4	40	12.79	32		10	120
			2,4-Dichlorophenol-d3	40	12.33	31		10	140
			4-Chloroaniline-d4	40	6.18	15		1	145
			Dimethylphthalate-d6	40	12.73	32		10	145
			Acenaphthylene-d8	40	12.40	31		15	120
			4-Nitrophenol-d4	40	7.79	19		10	150
			Fluorene-d10	40	13.22	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.79	17		10	130
			Anthracene-d10	40	12.58	31		10	150
			Pyrene-d10	40	12.25	31		10	130
			Benzo(a)pyrene-d12	40	9.86	25		10	140

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4109-02	A4EH5	BM047891.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Pyridine-d5	40	14.56	36		20	120
			Phenol-d5	40	18.72	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.91	40		10	150
			2-Chlorophenol-d4	40	21.47	54		15	120
			4-Methylphenol-d8	40	20.50	51		10	140
			Nitrobenzene-d5	40	21.60	54		10	135
			2-Nitrophenol-d4	40	25.06	63		10	120
			2,4-Dichlorophenol-d3	40	23.70	59		10	140
			4-Chloroaniline-d4	40	19.21	48		1	145
			Dimethylphthalate-d6	40	23.52	59		10	145
			Acenaphthylene-d8	40	23.55	59		15	120
			4-Nitrophenol-d4	40	17.52	44		10	150
			Fluorene-d10	40	24.90	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.94	35		10	130
			Anthracene-d10	40	23.72	59		10	150
			Pyrene-d10	40	26.34	66		10	130
			Benzo(a)pyrene-d12	40	25.19	63		10	140
P4109-05	A4EH8	BM047892.D	1,4-Dioxane-d8	8	2.51	31		15	120
			Pyridine-d5	40	12.44	31		20	120
			Phenol-d5	40	15.31	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.81	32		10	150
			2-Chlorophenol-d4	40	17.70	44		15	120
			4-Methylphenol-d8	40	16.78	42		10	140
			Nitrobenzene-d5	40	17.81	45		10	135
			2-Nitrophenol-d4	40	19.96	50		10	120
			2,4-Dichlorophenol-d3	40	19.11	48		10	140
			4-Chloroaniline-d4	40	16.94	42		1	145
			Dimethylphthalate-d6	40	19.82	50		10	145
			Acenaphthylene-d8	40	19.46	49		15	120
			4-Nitrophenol-d4	40	15.03	38		10	150
			Fluorene-d10	40	20.74	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.06	30		10	130
			Anthracene-d10	40	20.21	51		10	150
			Pyrene-d10	40	22.65	57		10	130
			Benzo(a)pyrene-d12	40	21.66	54		10	140
P4109-07	A4EJ9	BM047893.D	1,4-Dioxane-d8	8	1.65	21		15	120
			Pyridine-d5	40	0.92	2	*	20	120
			Phenol-d5	40	9.18	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.98	20		10	150
			2-Chlorophenol-d4	40	10.83	27		15	120
			4-Methylphenol-d8	40	9.32	23		10	140
			Nitrobenzene-d5	40	10.42	26		10	135
			2-Nitrophenol-d4	40	11.63	29		10	120
			2,4-Dichlorophenol-d3	40	11.39	28		10	140
			4-Chloroaniline-d4	40	8.19	20		1	145
			Dimethylphthalate-d6	40	11.04	28		10	145
			Acenaphthylene-d8	40	10.66	27		15	120
			4-Nitrophenol-d4	40	7.31	18		10	150

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4109-07	A4EJ9	BM047893.D	Fluorene-d10	40	11.42	29		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.63	14		10	130
			Anthracene-d10	40	10.69	27		10	150
			Pyrene-d10	40	10.09	25		10	130
			Benzo(a)pyrene-d12	40	6.91	17		10	140
P4109-08	A4EK0	BM047894.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	14.57	36		20	120
			Phenol-d5	40	18.97	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.88	40		10	150
			2-Chlorophenol-d4	40	21.47	54		15	120
			4-Methylphenol-d8	40	21.36	53		10	140
			Nitrobenzene-d5	40	22.33	56		10	135
			2-Nitrophenol-d4	40	25.37	63		10	120
			2,4-Dichlorophenol-d3	40	24.22	61		10	140
			4-Chloroaniline-d4	40	21.23	53		1	145
			Dimethylphthalate-d6	40	24.85	62		10	145
			Acenaphthylene-d8	40	24.55	61		15	120
			4-Nitrophenol-d4	40	19.24	48		10	150
			Fluorene-d10	40	25.93	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.86	37		10	130
			Anthracene-d10	40	24.96	62		10	150
			Pyrene-d10	40	28.45	71		10	130
			Benzo(a)pyrene-d12	40	27.11	68		10	140
P4109-13	A4E64	BM047881.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	0.53	1	*	20	120
			Phenol-d5	40	22.07	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.13	45		10	150
			2-Chlorophenol-d4	40	24.73	62		15	120
			4-Methylphenol-d8	40	24.55	61		10	140
			Nitrobenzene-d5	40	25.63	64		10	135
			2-Nitrophenol-d4	40	29.19	73		10	120
			2,4-Dichlorophenol-d3	40	34.73	87		10	140
			4-Chloroaniline-d4	40	20.95	52		1	145
			Dimethylphthalate-d6	40	31.08	78		10	145
			Acenaphthylene-d8	40	30.37	76		15	120
			4-Nitrophenol-d4	40	28.11	70		10	150
			Fluorene-d10	40	31.47	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.45	54		10	130
			Anthracene-d10	40	31.45	79		10	150
			Pyrene-d10	40	36.76	92		10	130
			Benzo(a)pyrene-d12	40	32.78	82		10	140
P4109-13DL	A4E64DL	BM047882.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	21.12	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.13	45		10	150
			2-Chlorophenol-d4	40	24.04	60		15	120
			4-Methylphenol-d8	40	23.11	58		10	140
			Nitrobenzene-d5	40	24.13	60		10	135
			2-Nitrophenol-d4	40	25.96	65		10	120

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4109-13DL	A4E64DL	BM047882.D	2,4-Dichlorophenol-d3	40	32.88	82		10	140
			4-Chloroaniline-d4	40	19.76	49		1	145
			Dimethylphthalate-d6	40	29.85	75		10	145
			Acenaphthylene-d8	40	29.11	73		15	120
			4-Nitrophenol-d4	40	21.99	55		10	150
			Fluorene-d10	40	31.19	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.20	35		10	130
			Anthracene-d10	40	30.71	77		10	150
			Pyrene-d10	40	33.22	83		10	130
			Benzo(a)pyrene-d12	40	31.49	79		10	140
P4109-16	A4ET8	BM047895.D	1,4-Dioxane-d8	8	2.34	29		15	120
			Pyridine-d5	40	11.10	28		20	120
			Phenol-d5	40	13.43	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.34	28		10	150
			2-Chlorophenol-d4	40	15.43	39		15	120
			4-Methylphenol-d8	40	14.86	37		10	140
			Nitrobenzene-d5	40	15.27	38		10	135
			2-Nitrophenol-d4	40	17.29	43		10	120
			2,4-Dichlorophenol-d3	40	16.61	42		10	140
			4-Chloroaniline-d4	40	15.09	38		1	145
			Dimethylphthalate-d6	40	17.24	43		10	145
			Acenaphthylene-d8	40	17.03	43		15	120
			4-Nitrophenol-d4	40	12.39	31		10	150
			Fluorene-d10	40	18.09	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.44	24		10	130
			Anthracene-d10	40	17.53	44		10	150
			Pyrene-d10	40	19.64	49		10	130
			Benzo(a)pyrene-d12	40	19.01	48		10	140
		BM047898.D	1,4-Dioxane-d8	8	0.77	10	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	4.89	12		10	130
			Bis(2-Chloroethyl)ether-d8	40	4.12	10		10	150
			2-Chlorophenol-d4	40	5.60	14	*	15	120
			4-Methylphenol-d8	40	4.35	11		10	140
			Nitrobenzene-d5	40	5.19	13		10	135
			2-Nitrophenol-d4	40	5.60	14		10	120
			2,4-Dichlorophenol-d3	40	5.88	15		10	140
			4-Chloroaniline-d4	40	2.96	7		1	145
			Dimethylphthalate-d6	40	6.17	15		10	145
			Acenaphthylene-d8	40	5.77	14	*	15	120
			4-Nitrophenol-d4	40	3.26	8	*	10	150
			Fluorene-d10	40	6.42	16	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.45	6	*	10	130
			Anthracene-d10	40	5.95	15		10	150
			Pyrene-d10	40	5.39	13		10	130
			Benzo(a)pyrene-d12	40	3.65	9	*	10	140
P4109-18	A4EW0	BM047899.D	1,4-Dioxane-d8	8	2.77	35		15	120
			Pyridine-d5	40	13.69	34		20	120
			Phenol-d5	40	18.45	46		10	130

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4109-18	A4EW0	BM047899.D	Bis(2-Chloroethyl)ether-d8	40	15.38	38		10	150
			2-Chlorophenol-d4	40	20.54	51		15	120
			4-Methylphenol-d8	40	21.03	53		10	140
			Nitrobenzene-d5	40	21.90	55		10	135
			2-Nitrophenol-d4	40	24.83	62		10	120
			2,4-Dichlorophenol-d3	40	23.55	59		10	140
			4-Chloroaniline-d4	40	21.32	53		1	145
			Dimethylphthalate-d6	40	25.07	63		10	145
			Acenaphthylene-d8	40	24.62	62		15	120
			4-Nitrophenol-d4	40	18.80	47		10	150
			Fluorene-d10	40	25.99	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.70	34		10	130
			Anthracene-d10	40	24.91	62		10	150
			Pyrene-d10	40	27.88	70		10	130
			Benzo(a)pyrene-d12	40	26.97	67		10	140
P4109-19	A4EW1	BM047900.D	1,4-Dioxane-d8	8	1.05	13	*	15	120
			Pyridine-d5	40	0.59	1	*	20	120
			Phenol-d5	40	5.68	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.10	13		10	150
			2-Chlorophenol-d4	40	6.75	17		15	120
			4-Methylphenol-d8	40	5.10	13		10	140
			Nitrobenzene-d5	40	6.38	16		10	135
			2-Nitrophenol-d4	40	6.87	17		10	120
			2,4-Dichlorophenol-d3	40	6.96	17		10	140
			4-Chloroaniline-d4	40	2.20	5		1	145
			Dimethylphthalate-d6	40	6.97	17		10	145
			Acenaphthylene-d8	40	6.85	17		15	120
			4-Nitrophenol-d4	40	3.69	9	*	10	150
			Fluorene-d10	40	7.37	18	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.67	7	*	10	130
			Anthracene-d10	40	6.80	17		10	150
			Pyrene-d10	40	6.31	16		10	130
P4109-20	A4EW2	BM047896.D	Benzo(a)pyrene-d12	40	4.07	10		10	140
			1,4-Dioxane-d8	8	2.36	30		15	120
			Pyridine-d5	40	10.32	26		20	120
			Phenol-d5	40	14.41	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.52	31		10	150
			2-Chlorophenol-d4	40	16.93	42		15	120
			4-Methylphenol-d8	40	16.27	41		10	140
			Nitrobenzene-d5	40	16.76	42		10	135
			2-Nitrophenol-d4	40	19.31	48		10	120
			2,4-Dichlorophenol-d3	40	18.52	46		10	140
			4-Chloroaniline-d4	40	14.11	35		1	145
			Dimethylphthalate-d6	40	19.40	48		10	145
			Acenaphthylene-d8	40	18.69	47		15	120
			4-Nitrophenol-d4	40	13.10	33		10	150
			Fluorene-d10	40	20.08	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.87	27		10	130
			Anthracene-d10	40	19.26	48		10	150

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4109-20	A4EW2	BM047896.D	Pyrene-d10	40	21.58	54		10	130
			Benzo(a)pyrene-d12	40	20.93	52		10	140
P4109-22	A4EW7	BM047897.D	1,4-Dioxane-d8	8	2.29	29		15	120
			Pyridine-d5	40	10.77	27		20	120
			Phenol-d5	40	14.28	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.80	30		10	150
			2-Chlorophenol-d4	40	16.06	40		15	120
			4-Methylphenol-d8	40	15.67	39		10	140
			Nitrobenzene-d5	40	15.61	39		10	135
			2-Nitrophenol-d4	40	17.96	45		10	120
			2,4-Dichlorophenol-d3	40	17.25	43		10	140
			4-Chloroaniline-d4	40	14.41	36		1	145
			Dimethylphthalate-d6	40	17.70	44		10	145
			Acenaphthylene-d8	40	17.33	43		15	120
			4-Nitrophenol-d4	40	12.68	32		10	150
			Fluorene-d10	40	18.17	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.03	25		10	130
			Anthracene-d10	40	17.54	44		10	150
			Pyrene-d10	40	19.39	48		10	130
			Benzo(a)pyrene-d12	40	18.63	47		10	140
PB163648BL	PB163648BL	BM047903.D	1,4-Dioxane-d8	8	3.87	48		15	120
			Pyridine-d5	40	19.32	48		20	120
		BM047880.D	Pyridine-d5	40	19.91	50		20	120
			1,4-Dioxane-d8	8	4.23	53		15	120
		BM047903.D	Phenol-d5	40	21.35	53		10	130
			Phenol-d5	40	21.26	53		10	130
		BM047880.D	Bis(2-Chloroethyl)ether-d8	40	18.47	46		10	150
			Bis(2-Chloroethyl)ether-d8	40	18.69	47		10	150
		BM047903.D	2-Chlorophenol-d4	40	24.92	62		15	120
			2-Chlorophenol-d4	40	24.95	62		15	120
		BM047880.D	4-Methylphenol-d8	40	22.35	56		10	140
			4-Methylphenol-d8	40	22.51	56		10	140
		BM047903.D	Nitrobenzene-d5	40	24.82	62		10	135
			Nitrobenzene-d5	40	24.93	62		10	135
		BM047880.D	2-Nitrophenol-d4	40	27.61	69		10	120
			2-Nitrophenol-d4	40	27.85	70		10	120
		BM047903.D	2,4-Dichlorophenol-d3	40	25.06	63		10	140
			2,4-Dichlorophenol-d3	40	25.11	63		10	140
		BM047880.D	4-Chloroaniline-d4	40	23.53	59		1	145
			4-Chloroaniline-d4	40	23.91	60		1	145
		BM047903.D	Dimethylphthalate-d6	40	24.15	60		10	145
			Dimethylphthalate-d6	40	24.05	60		10	145
		BM047880.D	Acenaphthylene-d8	40	24.55	61		15	120
			Acenaphthylene-d8	40	24.27	61		15	120
		BM047903.D	4-Nitrophenol-d4	40	19.92	50		10	150
			4-Nitrophenol-d4	40	19.83	50		10	150
		BM047880.D	Fluorene-d10	40	24.78	62		20	140
			Fluorene-d10	40	24.87	62		20	140
		BM047880.D	4,6-Dinitro-2-methylphenol-d2	40	17.23	43		10	130
			4,6-Dinitro-2-methylphenol-d2	40	17.23	43		10	130

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163648BL	PB163648BL	BM047903.D	4,6-Dinitro-2-methylphenol-d2	40	16.23	41		10	130
			Anthracene-d10	40	23.99	60		10	150
		BM047880.D	Anthracene-d10	40	24.00	60		10	150
			Pyrene-d10	40	25.01	63		10	130
		BM047903.D	Pyrene-d10	40	25.72	64		10	130
			Benzo(a)pyrene-d12	40	25.07	63		10	140
		BM047880.D	Benzo(a)pyrene-d12	40	24.76	62		10	140

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4131-02	A4EY2	BM047904.D	1,4-Dioxane-d8	8	2.31	29		15	120
			Pyridine-d5	40	10.45	26		20	120
			Phenol-d5	40	13.82	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.60	29		10	150
			2-Chlorophenol-d4	40	15.76	39		15	120
			4-Methylphenol-d8	40	14.88	37		10	140
			Nitrobenzene-d5	40	15.11	38		10	135
			2-Nitrophenol-d4	40	17.78	44		10	120
			2,4-Dichlorophenol-d3	40	17.06	43		10	140
			4-Chloroaniline-d4	40	12.81	32		1	145
			Dimethylphthalate-d6	40	16.86	42		10	145
			Acenaphthylene-d8	40	16.72	42		15	120
			4-Nitrophenol-d4	40	10.75	27		10	150
			Fluorene-d10	40	17.51	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.85	22		10	130
			Anthracene-d10	40	17.21	43		10	150
			Pyrene-d10	40	18.74	47		10	130
			Benzo(a)pyrene-d12	40	18.50	46		10	140
P4131-08	A4EW9	BM047905.D	1,4-Dioxane-d8	8	1.86	23		15	120
			Pyridine-d5	40	8.32	21		20	120
			Phenol-d5	40	10.81	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.22	23		10	150
			2-Chlorophenol-d4	40	12.44	31		15	120
			4-Methylphenol-d8	40	11.97	30		10	140
			Nitrobenzene-d5	40	12.24	31		10	135
			2-Nitrophenol-d4	40	14.06	35		10	120
			2,4-Dichlorophenol-d3	40	13.66	34		10	140
			4-Chloroaniline-d4	40	11.19	28		1	145
			Dimethylphthalate-d6	40	13.81	35		10	145
			Acenaphthylene-d8	40	13.58	34		15	120
			4-Nitrophenol-d4	40	9.01	23		10	150
			Fluorene-d10	40	14.54	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.00	17		10	130
			Anthracene-d10	40	14.16	35		10	150
			Pyrene-d10	40	16.07	40		10	130
			Benzo(a)pyrene-d12	40	15.37	38		10	140
P4131-09	A4EX0	BM047906.D	1,4-Dioxane-d8	8	1.97	25		15	120
			Pyridine-d5	40	10.44	26		20	120
			Phenol-d5	40	12.89	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.95	27		10	150
			2-Chlorophenol-d4	40	14.68	37		15	120
			4-Methylphenol-d8	40	13.95	35		10	140
			Nitrobenzene-d5	40	14.63	37		10	135
			2-Nitrophenol-d4	40	16.90	42		10	120
			2,4-Dichlorophenol-d3	40	15.61	39		10	140
			4-Chloroaniline-d4	40	14.14	35		1	145
			Dimethylphthalate-d6	40	15.65	39		10	145
			Acenaphthylene-d8	40	15.49	39		15	120
			4-Nitrophenol-d4	40	11.63	29		10	150

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4131-09	A4EX0	BM047906.D	Fluorene-d10	40	16.08	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.46	21		10	130
			Anthracene-d10	40	15.31	38		10	150
			Pyrene-d10	40	16.91	42		10	130
			Benzo(a)pyrene-d12	40	16.51	41		10	140
P4131-10	A4EX3	BM047907.D	1,4-Dioxane-d8	8	1.30	16		15	120
			Pyridine-d5	40	0.56	1	*	20	120
			Phenol-d5	40	7.00	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.79	17		10	150
			2-Chlorophenol-d4	40	8.79	22		15	120
			4-Methylphenol-d8	40	4.91	12		10	140
			Nitrobenzene-d5	40	8.60	21		10	135
			2-Nitrophenol-d4	40	9.58	24		10	120
			2,4-Dichlorophenol-d3	40	9.01	23		10	140
			4-Chloroaniline-d4	40	3.65	9		1	145
			Dimethylphthalate-d6	40	9.17	23		10	145
			Acenaphthylene-d8	40	9.01	23		15	120
			4-Nitrophenol-d4	40	4.74	12		10	150
			Fluorene-d10	40	9.70	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.27	11		10	130
			Anthracene-d10	40	9.10	23		10	150
			Pyrene-d10	40	7.90	20		10	130
			Benzo(a)pyrene-d12	40	5.17	13		10	140
P4131-11	A4EX4	BM047908.D	1,4-Dioxane-d8	8	2.18	27		15	120
			Pyridine-d5	40	10.25	26		20	120
			Phenol-d5	40	12.21	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.42	29		10	150
			2-Chlorophenol-d4	40	15.13	38		15	120
			4-Methylphenol-d8	40	13.92	35		10	140
			Nitrobenzene-d5	40	15.38	38		10	135
			2-Nitrophenol-d4	40	17.20	43		10	120
			2,4-Dichlorophenol-d3	40	16.32	41		10	140
			4-Chloroaniline-d4	40	14.53	36		1	145
			Dimethylphthalate-d6	40	16.88	42		10	145
			Acenaphthylene-d8	40	16.76	42		15	120
			4-Nitrophenol-d4	40	8.27	21		10	150
			Fluorene-d10	40	17.76	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.01	20		10	130
			Anthracene-d10	40	17.15	43		10	150
			Pyrene-d10	40	19.18	48		10	130
			Benzo(a)pyrene-d12	40	18.74	47		10	140
P4131-12	A4EX5	BM047909.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	12.41	31		20	120
			Phenol-d5	40	14.94	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.95	32		10	150
			2-Chlorophenol-d4	40	17.48	44		15	120
			4-Methylphenol-d8	40	16.10	40		10	140
			Nitrobenzene-d5	40	17.87	45		10	135
			2-Nitrophenol-d4	40	19.60	49		10	120

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4131-12	A4EX5	BM047909.D	2,4-Dichlorophenol-d3	40	18.59	46		10	140
			4-Chloroaniline-d4	40	17.19	43		1	145
			Dimethylphthalate-d6	40	18.90	47		10	145
			Acenaphthylene-d8	40	18.69	47		15	120
			4-Nitrophenol-d4	40	13.01	33		10	150
			Fluorene-d10	40	19.59	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.70	24		10	130
			Anthracene-d10	40	18.86	47		10	150
			Pyrene-d10	40	21.12	53		10	130
			Benzo(a)pyrene-d12	40	20.26	51		10	140
P4131-14	A4EX9	BM047910.D	1,4-Dioxane-d8	8	1.95	24		15	120
			Pyridine-d5	40	8.01	20		20	120
			Phenol-d5	40	11.63	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.98	25		10	150
			2-Chlorophenol-d4	40	13.25	33		15	120
			4-Methylphenol-d8	40	12.54	31		10	140
			Nitrobenzene-d5	40	13.08	33		10	135
			2-Nitrophenol-d4	40	14.48	36		10	120
			2,4-Dichlorophenol-d3	40	14.00	35		10	140
			4-Chloroaniline-d4	40	12.67	32		1	145
			Dimethylphthalate-d6	40	14.34	36		10	145
			Acenaphthylene-d8	40	14.08	35		15	120
			4-Nitrophenol-d4	40	9.01	23		10	150
			Fluorene-d10	40	14.73	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.26	18		10	130
			Anthracene-d10	40	13.97	35		10	150
			Pyrene-d10	40	15.68	39		10	130
			Benzo(a)pyrene-d12	40	15.04	38		10	140
P4131-21	A4E67	BM047883.D	1,4-Dioxane-d8	8	2.30	29		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	16.84	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.04	35		10	150
			2-Chlorophenol-d4	40	19.40	49		15	120
			4-Methylphenol-d8	40	18.59	46		10	140
			Nitrobenzene-d5	40	19.98	50		10	135
			2-Nitrophenol-d4	40	22.20	56		10	120
			2,4-Dichlorophenol-d3	40	25.35	63		10	140
			4-Chloroaniline-d4	40	14.76	37		1	145
			Dimethylphthalate-d6	40	21.72	54		10	145
			Acenaphthylene-d8	40	22.04	55		15	120
			4-Nitrophenol-d4	40	19.09	48		10	150
			Fluorene-d10	40	22.77	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.11	33		10	130
			Anthracene-d10	40	22.30	56		10	150
			Pyrene-d10	40	25.40	64		10	130
			Benzo(a)pyrene-d12	40	22.95	57		10	140
P4131-21DL	A4E67DL	BM047884.D	1,4-Dioxane-d8	8	2.38	30		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	16.35	41		10	130

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4131-21DL	A4E67DL	BM047884.D	Bis(2-Chloroethyl)ether-d8	40	14.39	36		10	150
			2-Chlorophenol-d4	40	18.72	47		15	120
			4-Methylphenol-d8	40	17.45	44		10	140
			Nitrobenzene-d5	40	18.09	45		10	135
			2-Nitrophenol-d4	40	19.47	49		10	120
			2,4-Dichlorophenol-d3	40	24.64	62		10	140
			4-Chloroaniline-d4	40	13.53	34		1	145
			Dimethylphthalate-d6	40	21.45	54		10	145
			Acenaphthylene-d8	40	21.46	54		15	120
			4-Nitrophenol-d4	40	14.32	36		10	150
			Fluorene-d10	40	22.67	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.76	22		10	130
			Anthracene-d10	40	21.43	54		10	150
			Pyrene-d10	40	23.67	59		10	130
			Benzo(a)pyrene-d12	40	21.80	54		10	140
PB163651BL	PB163651BL	BM047888.D	1,4-Dioxane-d8	8	4.28	53		15	120
			Pyridine-d5	40	21.20	53		20	120
			Phenol-d5	40	23.27	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.19	50		10	150
			2-Chlorophenol-d4	40	26.79	67		15	120
			4-Methylphenol-d8	40	24.92	62		10	140
			Nitrobenzene-d5	40	27.03	68		10	135
			2-Nitrophenol-d4	40	30.44	76		10	120
			2,4-Dichlorophenol-d3	40	27.63	69		10	140
			4-Chloroaniline-d4	40	26.15	65		1	145
			Dimethylphthalate-d6	40	26.36	66		10	145
			Acenaphthylene-d8	40	26.64	67		15	120
			4-Nitrophenol-d4	40	21.99	55		10	150
			Fluorene-d10	40	27.21	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.17	48		10	130
			Anthracene-d10	40	26.52	66		10	150
			Pyrene-d10	40	28.46	71		10	130
PB163651BS	PB163651BS	BM047901.D	Benzo(a)pyrene-d12	40	27.44	69		10	140
			1,4-Dioxane-d8	8	3.79	47		15	120
			Pyridine-d5	40	18.64	47		20	120
			Phenol-d5	40	21.95	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.38	46		10	150
			2-Chlorophenol-d4	40	25.09	63		15	120
			4-Methylphenol-d8	40	22.76	57		10	140
			Nitrobenzene-d5	40	25.08	63		10	135
			2-Nitrophenol-d4	40	28.20	71		10	120
			2,4-Dichlorophenol-d3	40	26.47	66		10	140
			4-Chloroaniline-d4	40	23.09	58		1	145
			Dimethylphthalate-d6	40	24.03	60		10	145
			Acenaphthylene-d8	40	24.24	61		15	120
			4-Nitrophenol-d4	40	23.89	60		10	150
			Fluorene-d10	40	24.14	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.13	58		10	130
			Anthracene-d10	40	23.47	59		10	150

Surrogate Summary

SW-846

SDG No.: BM100724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163651BS	PB163651BS	BM047901.D	Pyrene-d10	40	26.03	65		10	130
			Benzo(a)pyrene-d12	40	25.03	63		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM100724

Lab Code: CHEM

SAS No.: BM100724 SDG NO.: BM100724

Lab File ID: BM047878.D

DFTPP Injection Date: 10/07/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.8
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	43.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	91.8
443	15.0 - 24.0% of mass 442	17.9 (19.5) 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
SSTD020165	SSTDCCC020	BM047879.D	10/07/2024	10:00
SBLK648	PB163648BL	BM047880.D	10/07/2024	10:39
A4E64	P4109-13	BM047881.D	10/07/2024	11:19
A4E64DL	P4109-13DL	BM047882.D	10/07/2024	12:06
A4E67	P4131-21	BM047883.D	10/07/2024	13:31
A4E67DL	P4131-21DL	BM047884.D	10/07/2024	15:08
A4EG9	P4083-16	BM047885.D	10/07/2024	15:47
A4EH2	P4083-19	BM047886.D	10/07/2024	16:26
SSTD020166	SSTDCCC020	BM047887.D	10/07/2024	17:06
SBLK651	PB163651BL	BM047888.D	10/07/2024	17:46
A4EK2	P4083-07	BM047889.D	10/07/2024	18:25
A4EK3	P4083-08	BM047890.D	10/07/2024	19:04
A4EH5	P4109-02	BM047891.D	10/07/2024	19:44
A4EH8	P4109-05	BM047892.D	10/07/2024	20:24
A4EJ9	P4109-07	BM047893.D	10/07/2024	21:03
A4EK0	P4109-08	BM047894.D	10/07/2024	21:43
A4ET8	P4109-16	BM047895.D	10/07/2024	22:22
A4EW2	P4109-20	BM047896.D	10/07/2024	23:02

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM100724

Lab Code: CHEM

SAS No.: BM100724

SDG NO.: BM100724

Lab File ID: BM047878.D

DFTPP Injection Date: 10/07/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.8
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	43.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	91.8
443	15.0 - 24.0% of mass 442	17.9 (19.5) 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
A4EW7	P4109-22	BM047897.D	10/07/2024	23:41
A4ET9	P4109-17	BM047898.D	10/08/2024	00:21
A4EW0	P4109-18	BM047899.D	10/08/2024	01:00
A4EW1	P4109-19	BM047900.D	10/08/2024	01:40
SLCS651	PB163651BS	BM047901.D	10/08/2024	02:19
SSTD020167	SSTDCCC020	BM047902.D	10/08/2024	03:38
SBLK648	PB163648BL	BM047903.D	10/08/2024	04:17
A4EY2	P4131-02	BM047904.D	10/08/2024	04:57
A4EW9	P4131-08	BM047905.D	10/08/2024	05:36
A4EX0	P4131-09	BM047906.D	10/08/2024	06:16
A4EX3	P4131-10	BM047907.D	10/08/2024	06:55
A4EX4	P4131-11	BM047908.D	10/08/2024	07:35
A4EX5	P4131-12	BM047909.D	10/08/2024	08:14
A4EX9	P4131-14	BM047910.D	10/08/2024	08:54